



Convention de partenariat du projet

UIA03-081, DIAMS, Digital alliance for Aix-Marseille Sustainability.	
<i>Période de mise en oeuvre</i>	01.11.2018/31.10.2021
Autorité urbaine principale Partenaire du projet n°1	Métropole Aix-Marseille-Provence
Partenaire du projet n°2	AtmoSud
Partenaire du projet n°3	ARIA Technologies
Partenaire du projet n°4	A Lab in the AIR
Partenaire du projet n°5	Geopost - Groupe La Poste
Partenaire du projet n°6	Matrice
Partenaire du projet n°7	L'Air et Moi
Partenaire du projet n°8	Ecologicsense SAS - Groupe Tera
Partenaire du projet n°9	GIP AVITEM

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Convention de Partenariat pour la mise en œuvre du projet
UIA03-081, DIAMS, Digital alliance for Aix-Marseille Sustainability
dans le cadre du programme européen UIA

AVERTISSEMENT. CE DOCUMENT EST LA CONVENTION ENTRE L'AUTORITE URBAINE PRINCIPALE ET LES AUTRES PARTENAIRES DU PROJET UIA.

ELLE A FAIT L'OBJET D'UNE NEGOCIATION ENTRE LES PARTENAIRES ET A ETE PERSONALISEE SELON LES DIFFERENTS BESOINS.

LA CONVENTION DE PARTENARIAT SIGNEE PAR TOUS LES PARTENAIRES DU PROJET CONTIENT L'ENSEMBLE DES RESPONSABILITES ET DES DEVOIRS DE CHAQUE PARTENAIRE AVANT, PENDANT, ET APRES LA REALISATION DU PROJET.

LES AUTORITES DE L'INITIATIVE UIA NE PEUVENT PAS ETRE JUGEES RESPONSABLES NI POUR LE CONTENU NI POUR L'UTILISATION DE CETTE CONVENTION.

LE PARTENARIAT RESTE ENTIEREMENT RESPONSABLE DU CONTENU DE LA CONVENTION DE PARTENARIAT QUI NE PEUT CONTENIR AUCUNE MESURE CONTRAIRE AU CONTRAT DE SUBVENTION.

Au regard du:

- Cadre légal exposé à l'Article 1 du Contrat de Subvention signé entre l'Entité Mandatée et la **Métropole Aix-Marseille-Provence**, agissant en tant qu'Autorité Urbaine Principale du Projet ***UIA03-081 – DIAMS*** ;
- L'article 8.1(a) du susmentionné Contrat de Subvention

La présente Convention doit être stipulée entre:

Métropole Aix-Marseille-Provence,

Dénommée "Autorité Urbaine Principale"

Représentée par: *Richard MALLIE, Vice-Président de la Métropole Aix-Marseille-Provence*
délégué aux Relations internationales et européennes

Et ***AtmoSud,***

Représenté par: *Pierre-Charles MARIA, Président*

Et ***ARIA Technologies,***

Représenté par: *Jacques MOUSSAFIR, CEO*

Et ***A Lab in the AIR,***

Représenté par: *Pierre-Charles MARIA, Président*

Et ***Geopost - Groupe La Poste,***

Représenté par: *Frédéric DELAVAL, Président*

Et **Matrice**,
Représenté par: *Thierry VALLENET, Président*

Et **L'Air et Moi**,
Représenté par: *Victor Hugo ESPINOSA, Président*

Et **Ecologicsense SAS - Groupe Tera**,
Représenté par: *Pascal KALUZNY, CEO*

Et **GIP AVITEM**,
Représenté par: *Bernard VALERO, Directeur général*

Ci-dénommés les Partenaires du projet.

Pour la mise en œuvre du projet **UIA03-081 - DIAMS**, approuvé par le Comité de Sélection le **17/09/2018**, la présente convention doit être élaborée entre les partenaires du projet et les Parties reconnaissent ce qui suit:

CHAPITRE 1 – RESPONSABILITES GENERALES

Article 1

Définitions et Cadre Légal

1. Dans le cadre de cette convention, les mots et abréviations suivants auront les significations suivantes:

Convention : Convention de Partenariat du Projet.

Formulaire de candidature : le formulaire de candidature, défini dans l'annexe 1 de ce contrat, ainsi que les modifications du dossier de candidature qui sont approuvées par les autorités de l'initiative.

Décision d'Approbation : la décision d'approbation du Comité de Sélection comme indiquée dans le Contrat de Subvention

Initiative : l'Initiative "Actions Innovatrices Urbaines"

Autorités de l'Initiative : L'Entité Mandatée (y compris le Secrétariat Permanent), la Commission Européenne et l'Autorité de Certification et de Paiement.

Autorité Urbaine (Principale) : l'Autorité Urbaine (ou Autorité Urbaine Principale dans le cadre d'un groupement ou association d'autorités urbaines sans statut légale d'une agglomération organisée) est la responsable principale de l'ensemble de la réalisation et de la gestion du projet. Elle porte la responsabilité financière et juridique vis-à-vis de l'Autorité Mandatée.

Convention de partenariat : Contrat signé entre tous les partenaires du projet contenant toutes les obligations et responsabilités de chaque partenaire avant, pendant et après la réalisation du projet.

Projet : **UIA03-081 - DIAMS** comme décrit dans le Formulaire de Candidature.

Partenaires du projet: les partenaires du projet, mentionnés dans le formulaire de candidature, y compris l'Autorité Urbaine Principale.

Subvention: le co-financement maximal du Feder alloué au projet tel que défini dans le dossier de candidature.

Contrat de Subvention : Convention entre l'Autorité Mandatée et l'Autorité Urbaine (Principale), précisant les conditions à travers lesquelles l'Autorité Mandatée verse la subvention pour la mise en œuvre du projet, à l'Autorité Urbaine Principale (pour le compte de tous les partenaires du projet).

Guide UIA : La dernière version publiée du Guide UIA.

2. L'objet de la présente convention, le cadre légal, comme exposé à l'Article 1 du contrat de subvention doivent être appliqués.

Article 2

Objet du Contrat

1. Les parties de cette Convention sont l'Autorité Urbaine Principale et les partenaires du projet, comme mentionnés plus haut et listés dans la dernière version approuvée du formulaire de candidature.
2. L'objet de cette Convention est de définir les modalités d'exécution et d'établir les principes de coopération et les règles et procédures qui régulent les droits et les responsabilités entre les Parties du Partenariat pour la mise en œuvre du projet **UIA03-081 - DIAMS**, comme indiqué dans les annexes. Les annexes – y compris les obligations sur lesquelles ils s'inspirent et sur lesquelles ils se reposent, sont considérées comme partie intégrante de la Convention:
 - **Annexe 1** – dernière version du Formulaire de Candidature, approuvé par l'Initiative UIA.
 - **Annexe 2** – le Contrat de Subvention signé entre l'Entité Mandatée et l'Autorité Urbaine Principale
3. La durée du projet sera de 36 mois à compter du 01/11/2018), jusqu'au 31/10/2021
4. L'Autorité Urbaine Principale et tous les partenaires du Projet s'engagent à mettre en œuvre le projet conjointement, conformément à la répartition des tâches, précisée dans le Contrat de Subvention, avec pour objectif d'atteindre les objectifs et résultats du projet.
5. Les termes et les conditions ici sont reconnus et acceptés par toutes les Parties. L'Autorité Urbaine Principale et les Partenaires du Projet doivent respecter les règles et procédures et accomplir l'ensemble des obligations stipulées dans la présente Convention, dans le Contrat de Subvention et dans la dernière version approuvée du Formulaire de Candidature, ainsi que les conditions et/ou les recommandations sous lesquelles la subvention de l'Initiative est versée aux projets sélectionnés.

Article 3

Durée de la Convention

1. La convention entrera en vigueur à la date à laquelle elle est signée par le dernier des Parties.
2. La convention prendra fin à la date à laquelle chacun des Partenaires du projet recevra sa part du paiement final, selon les obligations inscrites à l'article 8.4 de la Convention de Partenariat et à

l'article 7.1.c du Contrat de Subvention. En particulier, toutes les dispositions nécessaires à la réalisation des obligations d'archivage et d'audit, définies dans cette convention, doivent rester en vigueur jusqu'à la fin de la période référée dans l'article 9.4 de la présente Convention.

3. En cas de conflit non résolu entre les Partenaires du Projet résultant de la mise en œuvre du projet, la Convention de Partenariat restera en vigueur jusqu'à ce que le conflit soit résolu par l'autorité compétente.
4. La convention peut être arrêtée de manière anticipée par décision justifiée du Comité des Partenaires/*Partners Committee* du projet DIAMS, qui procédera aux changements relatifs aux conséquences de cette résiliation anticipée. Le Contrat de Subvention résilié, la présente Convention de Partenariat sera également résiliée.

Article 4

Processus de décision sous la convention

1. Composition des instances :

Voir AF

2. Les décisions relatives :

- aux propositions d'ajustements stratégiques du projet, notamment de nature à modifier la Convention de partenariat, seront prises par le Comité Stratégique/*Steering Committee* du projet DIAMS, en tenant compte des avis/enjeux des partenaires. ;
- aux activités générales du projet seront prises par le Comité des Leaders/*Leaders Committee* du projet DIAMS ;
- aux activités individuelles des partenaires seront prises par le Comité des Partenaires/*Partners Committee* du projet DIAMS ;
- au budget général du projet seront prises par le Comité des Leaders/*Leaders Committee* du projet DIAMS ;
- aux budgets individuels des partenaires seront prises par le Comité des Partenaires/*Partners Committee* du projet DIAMS ;
- aux demandes d'exclusion et d'ajout de partenaires seront prises par par le Comité Stratégique/*Steering Committee* du projet DIAMS

Les décisions pourront être prises et validées en séance ou par voie par des échanges numérique par procès-verbal ou compte-rendus.

3. Le processus de décision sera organisé comme suit :

Trois instances de décisions sont mises en place pour le management du projet DIAMS, en complément des instances délibératives de chaque organisme.

- Le Comité de pilotage / *Steering Committee* est composé des directeurs de la stratégie environnement de la Métropole Aix Marseille Provence, d'Atmosud et du Lab in the air.

Les décisions à prendre par le Comité de pilotage / *Steering Committee* sont proposées par l'Autorité Urbaine Principale dans le cadre d'un ordre du jour adressé par courrier électronique au plus tard 4 jours avant la réunion. Les partenaires auront été consultés au préalable afin de prendre en compte leurs enjeux/avis sur les décisions à statuer. Les décisions sont adoptées à l'unanimité des voix.

- Le Comité des Leaders / *Leaders Committee* est composé des chefs de projets DIAMS de de la Métropole Aix Marseille Provence, d'Atmosud et du Lab in the air.
Les décisions à prendre par le Comité des Leaders / *Leaders Committee* sont proposées par l'Autorité Urbaine Principale dans le cadre d'un ordre du jour adressé par courrier électronique au plus tard 2 jours avant la réunion. Les partenaires auront été consultés au préalable afin de prendre en compte leurs enjeux/avis sur les décisions à statuer. Les décisions sont adoptées à la majorité simple des voix.
- Le Comité des Partenaires / *Partner Committee* est composé des chefs de projets de chaque entité partenaire.
Les décisions à prendre par le Comité des Partenaires sont proposées par l'Autorité Urbaine Principale dans le cadre d'un ordre du jour adressé par courrier électronique aux partenaires au plus tard 4 jours avant la réunion. Les décisions sont adoptées à la majorité qualifiée des deux tiers (*2/3 majority*), chaque partenaire étant doté d'une voix à l'exception l'Autorité Urbaine Principale dotée de 2 voix.

CHAPITRE 2 – OBLIGATION DES PARTENAIRES

Article 5

Obligations générales des Parties

5.1. Obligations de l'Autorité Urbaine Principale

- (a) L'Autorité Urbaine Principale se soumet à toutes les obligations relatives au Contrat de Subvention et au Guide UIA, et est en charge de la coordination, la gestion et la réalisation du projet.
- (b) L'Autorité Urbaine Principale garantit qu'elle est autorisée à représenter les partenaires du projet envers l'Entité Mandatée/ Secrétariat Permanent et les autres autorités de l'initiative. Elle signe le Contrat de Subvention au nom de tous les partenaires et leur transmet une copie de celle-ci.
- (c) L'Autorité Urbaine Principale garantit que tous les partenaires ont accompli toutes les conditions légales et que toutes les autorisations nécessaires pour la réalisation correcte du projet ont été obtenues. Elle est responsable des infractions et du non-respect des obligations du Contrat par les partenaires du projet, comme pour sa propre conduite.
- (d) L'Autorité Urbaine Principale assume seule la responsabilité pour l'ensemble du projet envers l'Entité Mandatée. Elle assure le démarrage du projet dans les délais, et la mise en œuvre du projet dans le respect du programme de travail, en conformité avec les obligations de l'Entité Mandatée. De même, elle assure que toutes les activités envisagées dans le projet sont menées dans le respect de l'Annexe 1 de cette Convention, les législations européenne et nationale, et sont en phase avec le Guide UIA.

- (e) Elle notifie à l'Entité Mandatée tous les facteurs qui peuvent nuire (retarder, entraver ou rendre impossible) la mise en œuvre des activités du projet et / ou du plan financier, ainsi que toutes les circonstances pouvant entraîner des modifications mineures et majeures du Contrat de Subvention.
- (f) L'Autorité Urbaine Principale est bénéficiaire de la subvention du FEDER et gère les fonds conformément aux modalités de cet accord de partenariat. Elle assure notamment que les fonds sont transférés aux partenaires du projet dans les meilleurs délais impartis, comme suit dans l'article 8 de la présente convention.
- (g) L'Autorité Urbaine Principale est responsable de la gestion administrative et financière des fonds, y compris en ce qui concerne les modalités de recouvrement des montants indûment versés. Elle est également chargée de vérifier que les dépenses déclarées par les partenaires n'ont été engagées que pour la réalisation du projet et qu'elles correspondent aux activités convenues entre les partenaires du projet dans le cadre du formulaire de candidature approuvé et conformément au Contrat de Subvention.
- (h) Avant de soumettre une demande de changement au Secrétariat Permanent, l'Autorité Urbaine Principale doit obtenir l'approbation de ses partenaires sur les modifications proposées. L'Autorité Urbaine Principale peut fixer un délai aux partenaires pour cette approbation afin que, au-delà de cette date limite, les changements proposés soient considérés comme approuvés par les partenaires.
- (i) L'Autorité Urbaine Principale tiendra régulièrement informés les partenaires du projet de toute communication pertinente entre elle-même et l'Entité Mandatée/Secrétariat Permanent et informera les partenaires de toutes les questions essentielles liées à la mise en œuvre du projet.
- (j) Toutes autres tâches convenues avec les partenaires du projet.

5.2. Obligations des Partenaires du Projet

- (a) Chaque partenaire du projet prend toutes les mesures nécessaires à la mise en œuvre complète, dans les délais et au bon fonctionnement de sa partie du projet, conformément à la dernière version approuvée du formulaire de demande et conformément au plan de travail du projet ou convenu autrement, et conformément à la description des tâches du Contrat de Subvention.
- (b) Les partenaires du projet s'engagent à prendre toutes les mesures nécessaires pour permettre à l'Autorité Urbaine Principale de s'acquitter de ses responsabilités telles que stipulées dans le contrat de subvention.
- (c) Tous les partenaires doivent se conformer aux dispositions du Contrat de Subvention, du Guide UIA et de la dernière version approuvée du formulaire de candidature.

- (d) Tous les partenaires doivent se conformer aux règles légales en vigueur en droit européen, aux réglementations nationales, aux ordonnances, aux décrets et aux décisions, aux permis et aux exemptions qui sont pertinents pour l'exécution de la présente convention, notamment en ce qui concerne leur propre partie du projet. Il s'agit entre autres des règles relatives aux marchés publics, aux aides d'État, à la publicité, à d'autres règles relatives à la protection de l'environnement et à l'égalité des chances.

En outre, ils s'acquittent des obligations suivantes:

- (e) Nommer un gestionnaire de projet et un gestionnaire financier pour les parties du projet dont ils sont responsables et donner à l'Autorité Urbaine Principale le pouvoir de représenter le partenaire dans le projet.
- (f) Fournir à l'Autorité Urbaine Principale / aux Autorités responsables de l'initiative / aux autres organismes impliqués dans la mise en œuvre de l'Initiative toutes les informations demandées. Cela comprend les activités nécessaires à la coordination, au suivi, à la mise en œuvre et à l'évaluation du projet, ainsi qu'à la présentation de rapports, aux demandes de paiement et aux autres documents ou renseignements demandés par le Secrétariat Permanent. Les renseignements ainsi demandés seront fournis dans les délais et complets.
- (g) Aviser immédiatement l'Autorité Urbaine Principale de tout événement ou de toute circonstance pertinente pouvant entraîner une interruption temporaire ou définitive ou toute autre déviation du projet ou nuire à la mise en œuvre du projet conformément au plan de travail (exactitude, actualité, efficacité ou exhaustivité des actions). Ils informent également l'Autorité urbaine (principale) de tout changement relatif au nom de l'organisation, aux coordonnées, au statut juridique ou à toute autre modification concernant l'entité juridique du partenaire susceptible d'avoir une incidence sur le projet ou sur son admissibilité à l'Initiative .
- (h) De rendre disponibles les contributions des partenaires, comme prévu dans la dernière version approuvée du formulaire de candidature et de la présente Convention de partenariat.
- (i) Se conformer au budget prévu par ligne budgétaire, plan de dépenses par partenaire, répartition des tâches et des objectifs, produits et résultats par partenaire tel qu'indiqué dans le formulaire de candidature et notifier sans délai à l'Autorité Urbaine Principale, de tout événement qui pourrait entraîner une déviation.
- (j) Encourager activement la participation des groupes d'intervenants, leur participation au projet et leur coopération en matière de diffusion des résultats du projet.

Article 6

Performance des projets et des initiatives

1. Dans le cas où un partenaire du projet n'atteindrait pas avec succès un ou plusieurs objectifs escomptés, produits ou résultats tels qu'énoncés dans le formulaire de demande, le partenaire de projet concerné est responsable de suivre les mesures correctives demandées par les autorités de l'Initiative.
2. Dans le cas où un ou plusieurs partenaires du projet échouent à respecter les dispositions contractuelles relatives à la livraison dans les délais, à la consommation du budget et à la livraison des produits définis dans les annexes de la présente convention, l'Initiative peut réduire la subvention allouée au projet et, si nécessaire, arrêter le projet en mettant fin au Contrat de Subvention. Dans ce cas, le (s) partenaire (s) concerné (s) du projet sera responsable conformément à l'article 13 de la présente convention.
3. Les paiements de subvention non demandés par chaque partenaire du projet dans le temps imparti et dans leur intégralité peuvent être perdus pour le partenaire du projet concerné.

Article 7

Eligibilité des dépenses

1. Chaque partenaire du projet ne peut déclarer que les dépenses éligibles. Pour être jugées éligibles, les dépenses déclarées de chaque partenaire du projet doivent:
 - a. Se rapporter aux activités et aux coûts qui sont effectués, encourus et payés à compter de la date de la décision d'approbation jusqu'à la date de fin du projet indiquée dans le formulaire de candidature ;
 - b. Se rapporter aux activités énoncées dans le formulaire de candidature qui sont nécessaires à la réalisation du projet et à la réalisation des objectifs, produits et résultats du projet et qui sont inscrites dans le budget du formulaire de candidature ;
 - c. Être raisonnables, justifiées et conformes aux règles applicables de l'UE et de l'Initiative. En l'absence de règles établies au niveau de l'UE ou de l'initiative ou dans des domaines qui ne sont pas précisément réglementés, des règles nationales ou institutionnelles conformes aux principes de bonne gestion financière s'appliquent ;
 - d. Être encourus et versés par le partenaire du projet et justifiés par des preuves appropriées permettant l'identification et le contrôle ;
 - e. Être identifiables, vérifiables, plausibles, déterminées conformément aux principes comptables pertinents et enregistrés dans un système comptable distinct ou avec un code comptable adéquat ;
 - f. Être vérifiées par un contrôleur de premier niveau conformément à l'article 125, paragraphe 4, du règlement (UE) n ° 1303/2013.
2. Par dérogation aux alinéas (a) à (e) de l'article 7.1, des options de coûts simplifiées peuvent être indiquées dans le Guide de l'UIA et doivent être appliquées en conséquence par chaque partenaire du projet.

3. Dans le cas où un partenaire du projet ne respecte pas les règles d'éligibilité, l'Autorité Urbaine Principale et / ou les Autorités de l'initiative peuvent imposer des mesures correctives qui doivent être mises en œuvre par le partenaire concerné. Ces mesures correctives peuvent entraîner l'exclusion de toute dépense non éligible et la demande de remboursement de tout ou partie de la subvention concernée.

Article 8

Gestion des paiements anticipés, des frais de préparation et de clôture et financement des activités communes.

1. Le versement de la subvention est soumis aux conditions suivantes :
- a. L'achèvement fructueux de la Phase d'Initiation (réception de la Convention de Partenariat signée; recommandations du Comité de Sélection remplies par les bénéficiaires, etc.), par la signature de ce contrat par les Parties, et à condition que le contrôle ex-ante mené par le Contrôleur de Premier Niveau n'ait soulevé aucune lacune ou irrégularité.
 - b. La mise à disposition des fonds par l'Entité mandatée. En cas d'indisponibilité des fonds, l'Autorité Urbaine Principale ne peut être tenue responsable des retards de paiement. Si l'Entité Mandatée ne libère pas les fonds nécessaires pour le paiement de la subvention, l'Autorité Urbaine Principale peut, à sa seule discrétion suspendre le paiement de la subvention, ou mettre fin à cette Convention. Si l'Autorité Urbaine Principale exerce ses droits au titre de la présente disposition, toute réclamation par les Partenaires du projet à son encontre, quelle qu'en soit la raison, est exclue.
2. Un premier acompte FEDER, équivalent à 50% de leur part de la subvention FEDER, est versé aux Partenaires du projet par l'Autorité Urbaine Principale dans les 45 jours suivant la réception des fonds de ce premier acompte, au titre du Contrat de subvention signé avec l'Entité mandatée. Les parts versés aux Partenaires du projet dans le cadre du premier acompte FEDER sont présentés dans le tableau ci-dessous :

N°	Partenaire	Subvention FEDER TOTAL en Euros	Premier acompte (montant maximum) en Euros
2	AtmoSud	831 060,80 €	415 530,40 €
3	ARIA Technologies	319 420,00 €	159 710,00 €
4	A Lab in the AIR	774 004,00 €	387 002,00 €
5	Geopost - Groupe La Poste	269 920,00 €	134 960,00 €
6	Matrice	356 760,00 €	178 380,00 €
7	L'Air et Moi	90 288,00 €	45 144,00 €
8	Ecologicsense SAS - Groupe Tera	399 096,80 €	199 548,40 €
9	GIP AVITEM	144 192,00 €	72 096,00 €
Totaux		3 184 741,60 €	1 592 370,80 €

3. Un second acompte FEDER, équivalent à 30% de leur part de la subvention FEDER, est versé aux Partenaires du projet par l'Autorité Urbaine Principale dans les 45 jours suivant la réception des fonds de ce second acompte, au titre de la soumission et de l'approbation d'un rapport d'avancement intermédiaire et de la vérification des dépenses du projet par le Contrôleur de Premier Niveau. Ce paiement est accordé sous réserve que les dépenses déclarées atteignent au moins 70% du premier acompte (correspondant à 35% du budget total éligible). Dans l'hypothèse où la validation des dépenses du projet par le Contrôleur de Premier Niveau conclut à un niveau dépenses éligibles inférieur au seuil susmentionné, un prorata sera appliqué au second acompte en conséquence. Ce prorata sera répercuté par l'Autorité Urbaine Principale à la part du second acompte FEDER redistribuée aux Partenaires. Les parts maximum versés aux Partenaires du projet dans le cadre du second acompte FEDER sont présentés dans le tableau ci-dessous :

N°	Partenaire	Subvention FEDER TOTAL en Euros	Second acompte (montant maximum) en Euros
2	AtmoSud	831 060,80 €	249 318,24 €
3	ARIA Technologies	319 420,00 €	95 826,00 €
4	A Lab in the AIR	774 004,00 €	232 201,20 €
5	Geopost - Groupe La Poste	269 920,00 €	80 976,00 €
6	Matrice	356 760,00 €	107 028,00 €
7	L'Air et Moi	90 288,00 €	27 086,40 €
8	Ecologicsense SAS - Groupe Tera	399 096,80 €	119 729,04 €
9	GIP AVITEM	144 192,00 €	43 257,60 €
Totaux		3 184 741,60 €	955 422,48 €

L'Autorité Urbaine Principale peut, après consultation du Comité des Partenaires/*Partners meeting*, ne verser aux partenaires que la part du second acompte correspondant à la réalisation effective des activités et aux dépenses déclarées.

4. Un troisième paiement FEDER, équivalent à un maximum de 20% de leur part de la subvention FEDER est versé aux Partenaires du projet par l'Autorité Urbaine Principale dans les 45 jours suivant la réception des fonds de ce troisième paiement, au titre de la soumission et de l'approbation du rapport d'avancement final. Ce rapport, soumis au plus tard 3 mois après la date de fin du projet mentionnée à l'article 2.2 du Contrat de subvention, inclut la vérification des dépenses finales du projet par le contrôleur de premier niveau. Ce paiement est basé sur le principe de remboursement des frais engagés et payés. Les parts maximum versés aux Partenaires du projet dans le cadre du troisième paiement FEDER second acompte sont présentés dans le tableau ci-dessous :

N°	Partenaire	Subvention FEDER TOTAL en Euros	Troisième paiement (montant maximum) en Euros
2	AtmoSud	831 060,80 €	166 212,16 €
3	ARIA Technologies	319 420,00 €	63 884,00 €
4	A Lab in the AIR	774 004,00 €	154 800,80 €
5	Geopost - Groupe La Poste	269 920,00 €	53 984,00 €
6	Matrice	356 760,00 €	71 352,00 €
7	L'Air et Moi	90 288,00 €	18 057,60 €
8	Ecologicsense SAS - Groupe Tera	399 096,80 €	79 819,36 €
9	GIP AVITEM	144 192,00 €	28 838,40 €
Totaux		3 184 741,60 €	636 948,32 €

L'Autorité Urbaine Principale peut, après consultation du Comité des Partenaires/*Partners meeting*, ne verser aux partenaires que la part du troisième paiement correspondant à la réalisation effective des activités et aux dépenses déclarées.

5. Les frais de préparation sont fixés forfaitairement à 20 000,00 EUROS de dépenses éligibles totales et inclus dans le budget de l'Autorité Urbaine Principale. Le financement FEDER correspondant de 16 000,00 EUROS sera payé à l'Autorité Urbaine Principale par l'Autorité de Paiement en même temps que le premier acompte FEDER. Le montant FEDER de 16 000,00 EUROS sera reversé au Partenaire du projet n°4 - A Lab in the AIR, par l'Autorité Urbaine principale au titre de l'élaboration du dossier de candidature du projet DIAMS déposé le 30 mars 2018.
6. Les frais de clôture administrative et de transfert de connaissances sont fixés forfaitairement à 15 000,00 EUROS des dépenses éligibles totales et inclus dans le budget de l'Autorité Urbaine Principale. Le financement du FEDER correspondant de 12 000,00 EUROS sera versé à l'Autorité Urbaine Principale par l'Autorité de Paiement lors du paiement final, suite à l'approbation du rapport qualitatif final.
7. Le financement des activités conjointes est régi par le principe du contractant unique. Le partenaire contractuel est le seul qui finance, contracte, paie effectivement, assure la vérification et rapporte 100% du coût de l'avantage conjoint et reçoit le FEDER associé. Les modalités de partage des coûts entre les partenaires sont définies entre les partenaires comme présentées dans le formulaire de demande de subvention (*Application Form*).

Article 9

Droits d'audit, évaluation du projet et archivage des documents

1. La Commission européenne, l'Office européen de lutte anti-fraude, la Cour Européenne des Comptes ou d'autres autorités chargées de l'initiative sont habilitées à vérifier l'utilisation correcte des fonds par les partenaires du projet ou à faire en sorte qu'une telle vérification soit effectuée par des personnes autorisées.
2. Chaque partenaire du projet produira tous les documents requis pour l'audit, fournira les informations nécessaires et donnera accès à ses locaux commerciaux.
3. Conformément aux articles 56 et 57 du Règlement (UE) 1303/2013, chaque partenaire du projet s'engage à fournir aux experts ou aux organismes indépendants effectuant toute évaluation du projet tout document ou toute information nécessaire à l'évaluation.
4. Chaque partenaire du projet archivera les documents relatifs à la mise en œuvre du projet, pendant une période de cinq ans après le paiement du solde. Ce délai est plus long s'il existe des audits, appels, litiges ou poursuites en cours concernant le contrat. Dans ce cas, les partenaires du projet doivent conserver les documents jusqu'à ce que ces audits, appels, litiges ou poursuites soient clos. D'autres périodes de conservation légales, peut-être plus longues, comme le prévoit la législation nationale, restent inchangées.
5. Conformément au règlement (UE) n ° 1303/2013, l'article 140 (archivage des documents), chaque partenaire du projet doit veiller à ce que tous les documents soient conservés soit :
 - c. Dans leur forme originale ;
 - d. Comme copie certifiée conforme des originaux ;
 - e. Sur des supports de données couramment acceptés, y compris des versions électroniques de documents originaux ;
 - f. Ou des documents existant uniquement en version électronique.

Nonobstant ce qui précède, les formats d'archivage doivent être conformes aux exigences légales nationales.

6. Les exigences visées aux points (4) et (5) s'appliquent également à tout partenaire du projet qui quitte le partenariat avant la fin du projet.

Article 10

Communication et publicité

1. Les décisions relatives aux activités de communication et de divulgation des résultats du projet seront prises par le Comité des Partenaires/*Partners Committee* du projet DIAMS.
2. Chaque partenaire du projet mettra en œuvre un plan de communication et de diffusion qui garantira une promotion adéquate du projet et de ses résultats auprès des groupes cibles potentiels, des parties prenantes du projet et du grand public conformément au point 2.2 de l'annexe XII du règlement 1303 / 2013, le contrat de subvention (article 12) et l'UIA Guidance. Les bénéficiaires doivent accorder une attention particulière à la visibilité du financement de l'Union Européenne : toute communication ou publication relative aux projets de l'UIA effectuée par les bénéficiaires, y compris lors de conférences, séminaires ou dans tout matériel

d'information ou de promotion, doit indiquer le soutien de l'UE et afficher le logo de l'Union Européenne. Lorsqu'il est affiché en association avec un autre logo, le logo de l'Union Européenne doit avoir une importance et une visibilité particulière.

3. Les partenaires du projet produisent leur matériel de communication pour les parties prenantes locales et les citoyens dans leur propre langue.
4. Sauf si demande différente par l'Autorité Mandatée, tout avis ou publication relatif au projet, sous quelque forme et par quelque moyen que ce soit, y compris internet, doit indiquer qu'il ne reflète que les opinions de l'auteur et que les autorités de l'Initiative ne sont pas responsables pour toute utilisation qui peut être faite des informations qui y sont contenues.
5. Chaque partenaire du projet accepte que les autorités de l'Initiative soient autorisées à publier, sous quelque forme et par quelque moyen que ce soit, y compris internet, les informations suivantes:
 - le nom et les coordonnées de l'Autorité Urbaine Principale et des Partenaires du projet,
 - le nom du projet,
 - un résumé des activités du projet,
 - les objectifs du projet et la subvention,
 - la date de début et de fin du projet,
 - le montant de la subvention et le budget total du projet,
 - la situation géographique de la mise en œuvre du projet,
 - les rapports d'avancement incluant le rapport final.
6. Tout document de communication mentionnant les activités de chaque partenaire dans le projet, sera soumis à la Métropole, au préalable, pour accord.

Article 11

Droits de propriété intellectuelle

Les règles de propriété de chaque bien intellectuel, produit et résultats seront à définir au cours du projet en fonction de l'apport relatif des différents partenaires pour aboutir à leurs réalisations. En effet ; le projet DIAMS aboutira à la création de plusieurs biens, produits et résultats non définis au moment de la signature de la présente convention. Il conviendra donc de déterminer tout au long du projet, la propriété, la confidentialité, la souveraineté, l'utilisation éthique et l'innovation des biens, produits et résultats

1. Connaissances propres: toutes les informations et connaissances techniques et/ou scientifiques, (notamment le savoir-faire, les secrets de fabrique, les secrets commerciaux, les données, les bases de données, logiciels, le design, les dossiers, plans, schémas, dessins, formules, et/ou tout autre type d'informations, sous quelque forme qu'elles soient, brevetables ou non, et/ou brevetées ou non), et tous les droits de propriété intellectuelle en découlant le cas échéant, nécessaires à l'exécution du Projet, appartenant à un partenaire ou détenue par elle avant la date de signature des présentes ou indépendamment de la réalisation de sa part du Projet, et sur lesquels elle détient des droits d'utilisation. "

Chaque Partenaire est et reste propriétaire de ses « connaissances propres ». lesquelles seront listées dans le cadre d'un Règlement de propriété.

2. Résultats propres : désignent tous les éléments nouveaux, de quelque nature et sous quelque forme que ce soit, qu'ils soient ou non protégés ou protégeables par un droit et/ou un titre de propriété intellectuelle et/ ou industrielle, qui résulteront du Projet, développés ou acquis exclusivement par un Partenaire et notamment toute connaissance, expérience, savoir-faire, brevet, méthode, conception d'outil, procédé, composant spécifique, logiciel.

Les « résultats propres » obtenus par un Partenaire sont et restent sa propriété exclusive laquelle sera définie, négociée et validée dans le cadre d'un Règlement de propriété en comité des partenaires, et ce avant le lancement des travaux du Projet. Dans ce cadre, les éventuelles demandes de brevet, et/ou tout autre titre de Propriété Industrielle ou Intellectuelle seront déposées ou effectuées au frais du Propriétaire, qui est libre de les protéger par tout titre de propriété intellectuelle.

3. Résultats communs : désignent tous les éléments nouveaux, de quelque nature et sous quelque forme que ce soit, qu'ils soient ou non protégés ou protégeables par un droit et/ou un titre de propriété intellectuelle et/ ou industrielle, qui résulteront du Projet au titre de l'Accord et notamment toute connaissance, expérience, savoir-faire, brevet, méthode, conception d'outil, procédé, composant spécifique, logiciel.

Les « résultats communs » développées au titre du Projet conjointement par deux ou plusieurs Partenaires appartiendront conjointement aux Partenaires concernés. Les règles de propriété des Résultats communs seront définies, négociées et validées dans le cadre d'un règlement de propriété en Comité des partenaires, et ce avant le lancement des travaux du Projet.

Pendant l'avancement du Projet et à tout moment, la propriété de tous nouveaux Résultats propres et communs sera définie, négociée et validée par le Comité de Partenaires dans le cadre d'un Règlement de propriété fixant les quotes-parts respectives des Partenaires au prorata de leurs apports, ainsi que les règles de gestion desdits résultats. Ce Règlement fera l'objet d'un avenant.

4. Les autres livrables du projet doivent être mis à la disposition du grand public gratuitement par l'Autorité urbaine (principale) et les partenaires du projet. L'Autorité Mandatée et toute autre entité concernée de l'Initiative (par exemple, la Commission européenne) peuvent se réserver le droit d'utiliser tous les livrables pour des actions d'information et de communication concernant l'Initiative. S'il existe des droits de propriété intellectuelle et industrielle préexistants qui sont mis à la disposition du projet, ceux-ci seront pleinement respectés, à condition qu'ils soient notifiés par écrit à l'Autorité Mandatée par l'Autorité Urbaine (principale) et les partenaires du projet
5. Tout revenu généré par les droits de propriété intellectuelle doit être géré conformément aux règles communautaires, nationales et de l'initiative UIA applicables dans les domaines des recettes nettes et des aides d'État. Le programme d'action du projet DIAMS comprend l'élaboration d'une politique des données qui visera à définir les conditions spécifiques de publication et de mise à disposition des données concernant la qualité de l'air qui seront produites dans le cadre du projet (Workpackage 4 - Governance - A4.1 - Strategic & requirement documents). La politique des données du projet DIAMS décrira l'approche de la Métropole en matière de traitement des données relatives à la qualité de l'air en comprenant la propriété, la confidentialité, la souveraineté, l'utilisation éthique et l'innovation. Elle sera

co-construite au cours d'ateliers stratégiques et d'experts. Un premier projet devrait être publié en septembre 2019; le document final devrait donc être publié en septembre 2020 (Livrable D.4.1.4 - DIAMS Data policy).

CHAPITRE 3 – RESPONSABILITE, RESPONSABILITE POUR NON RESPECT DES OBLIGATIONS ET REMBOURSEMENT

Article 12

Responsabilités des Parties

1. L'Autorité Urbaine (principale) assume seule la responsabilité de l'ensemble du projet tel que défini dans le Contrat de Subvention à l'égard de l'Autorité Mandatée.
2. Chaque Partenaire du projet est directement et exclusivement responsable envers l'Autorité Urbaine (principale) pour la bonne mise en œuvre de sa partie respective du projet et pour le bon respect des obligations stipulées dans la présente convention et dans le formulaire de candidature.
3. Dans le cas où un partenaire de projet ne respecte pas ses obligations telles que convenues dans le présent accord et les annexes pertinentes, le partenaire du projet concerné est seul responsable des responsabilités, des dommages et des coûts résultant du non-respect.
4. Dans les cas spécifiques de coopération avec des tiers (par exemple la conclusion de sous-contrats), y compris les fournisseurs de biens / services, le partenaire du projet concerné demeure seul responsable vis-à-vis de l'Autorité Urbaine (principale). L'Autorité Urbaine (principale) est informée par le partenaire du projet de l'objet et de la partie de tout contrat conclu avec un tiers. Tous les contrats conclus avec des tiers devront être conclus conformément à la législation européenne et nationale, y compris aux procédures énoncées dans les règles de passation des marchés publics applicables au partenaire contractuel.
5. En cas d'irrégularités, l'Autorité Urbaine (principale) assume la responsabilité globale vis-à-vis de l'entité chargée du remboursement des montants indûment versés. Si l'irrégularité est commise par un autre partenaire du projet, l'organisation concernée rembourse à l'Autorité urbaine (principale) les montants indûment versés. Lorsque des montants indûment versés à un partenaire du Projet ne peuvent être recouvrés en raison d'une négligence de l'Autorité urbaine (principale), cette dernière reste responsable du remboursement.

Article 13

Non-respect des obligations et responsabilité

1. Si l'un des partenaires du projet ne remplit pas ses obligations, l'Autorité Urbaine Principale avertit le partenaire concerné et rappelle à ce partenaire de le respecter dans un délai maximum de 15 jours. L'Autorité Urbaine Principale s'efforcera de contacter le (s) partenaire (s) concerné (s) afin de résoudre les difficultés, y compris solliciter l'assistance du Secrétariat Permanent / de

L'Entité Mandatée de l'Initiative. Les partenaires du projet s'engagent à trouver une solution rapide et efficace.

2. En cas de non-respect des obligations, malgré les notifications mentionnées au point 1. du présent article, l'autorité Urbaine (principale) peut décider d'exclure ou de remplacer le partenaire concerné du projet, avec l'accord des autres partenaires. L'Entité Chargée / le Secrétariat Permanent doit être immédiatement informée par l'Autorité Urbaine (principale) de cette décision.
3. En cas de non-respect des obligations d'un partenaire ayant des conséquences financières pour le financement du projet dans son ensemble, l'Autorité Urbaine (principale) peut exiger une compensation pour couvrir le montant en cause.
4. Chaque partenaire est responsable envers les autres partenaires du projet et indemnise les dommages et les coûts résultant du non-respect de ses obligations contractuelles telles qu'énoncées dans la présente Convention et les annexes pertinents.
5. Aucun partenaire du projet ne peut être tenu pour responsable de ne pas avoir respecté les obligations qui lui incombent en vertu du présent accord en cas de non-conformité dû à un cas de *force majeure*. Dans un tel cas, le partenaire concerné doit l'annoncer immédiatement par écrit aux autres partenaires du projet. *Le cas de force majeure* est un événement imprévisible et insurmontable qui survient après la signature de la présente Convention et qui empêche l'exécution totale ou partielle de la Convention (guerres, calamités naturelles, grèves générales, insurrections, révoltes, épidémies, tremblements de terre, autres événements semblables qui ne peuvent être attribués à une partie de / liée par l'Accord). La force majeure exonère les parties de la responsabilité de ne pas exécuter partiellement ou totalement les obligations stipulées dans le Contrat pendant la période où elles apparaissent et seulement si les événements ont été dûment notifiés. Il n'est pas considéré comme un cas de force majeure un fait semblable à ceux qui sont exposés ci-dessus, qui, sans créer une impossibilité d'exécution, rend l'exécution des obligations très difficile pour l'une des parties.

Article 14

Remboursement des fonds

1. Si l'Autorité Mandatée, conformément aux dispositions du Contrat de Subvention, demande le remboursement par l'Autorité Urbaine (principale) de tout ou partie de la subvention déjà transférée, chaque partenaire concerné par l'irrégularité entraînant le remboursement est obligé de rembourser sa part du montant de la subvention indûment perçue à l'Autorité urbaine (principale).
2. L'Autorité Urbaine (principale) doit informer sans délai le partenaire concerné de tout montant du FEDER indûment versé en raison d'une irrégularité dès qu'elle est informée par l'autorité visée. Elle transmet également sans délai la lettre par laquelle l'Autorité Mandatée a fait valoir l'ordre de recouvrement et notifie à chaque partenaire le montant à rembourser. Ce montant est dû au plus tard à la date limite indiquée par l'Autorité Urbaine (principale) conformément à la procédure de recouvrement décrite dans le Guide de l'UIA.
3. Si le montant à récupérer est assujéti à des intérêts, le taux d'intérêt sera déterminé conformément aux dispositions du contrat de subvention (article 16.4) et s'appliquera à chaque partenaire concerné.

CHAPITRE 4 – DISPOSITIONS FINALES

Article 15

Délégation et succession légale

1. Aucun partenaire de projet n'a le droit de transférer ses droits et obligations en vertu du présent accord sans le consentement préalable des autres partenaires du projet et des organismes d'exécution de l'Initiative responsables.
2. En cas de succession légale (par exemple, lorsque le bénéficiaire change de forme juridique), l'Autorité urbaine (principale) ou le partenaire concerné est tenu de transférer toutes les obligations prévues par le présent accord au successeur légal. L'Autorité urbaine (principale) est notifiée par écrit par le partenaire concerné et en informe l'Entité Chargée / le Secrétariat Permanent conformément aux dispositions du Contrat de Subvention.

Article 16

Changements dans le Partenariat

1. Les partenaires du projet s'engagent à ne pas se retirer du projet, sauf s'ils ont des raisons inévitables de le faire, étant conscients du fait que tous les changements dans le partenariat doivent être approuvés par les autorités de l'Initiative concernées.
2. L'Autorité Urbaine (principale) informe le Secrétariat Permanent dès que les changements dans le partenariat sont prévisibles. Les changements dans le partenariat nécessitent une demande formelle de changement dûment justifiée par l'Autorité Urbaine (principale) au Secrétariat permanent et entrent en vigueur seulement après l'approbation par les autorités de l'Initiative concernées. Toutefois, une fois approuvées, elles sont valables rétrospectivement à compter de la date à laquelle la demande écrite a été soumise au Secrétariat permanent. Le cas échéant, une modification de la Convention de Partenariat peut être émise.
3. Dans le cas où un partenaire de projet se retire du projet ou en est exclu, les partenaires restants s'engagent à trouver une solution rapide et efficace pour assurer une mise en œuvre correcte des projets sans retard. En conséquence, les partenaires s'efforcent de couvrir la contribution du partenaire qui se retire en assumant ses tâches par un ou plusieurs des partenaires restants ou, dans des cas exceptionnels, en impliquant un nouveau partenaire dans le partenariat conformément aux dispositions respectives.
4. Les dispositions prévues pour les audits figurant à l'article 9 restent applicables au partenaire qui a quitté le projet ou qui a été exclu du projet.

Article 17

Modification de l'accord et modification du projet

1. Le présent accord ne peut être modifié que par écrit, moyennant un avenant à cet effet signé par toutes les parties concernées. L'Autorité urbaine (principale) notifiera au Secrétariat Permanent toute modification ou tout complément au présent Accord.

2. Les modifications apportées au projet qui ont été approuvées par les autorités de l'Initiative concernées, conformément à la procédure définie dans le guide de l'UIA, peuvent être effectuées sans modification du présent accord.

Article 18

Règlement des différends

1. En cas de litige (même s'il est considéré comme tel par un seul des associés), qui peut résulter d'un nouvel accord ou d'une action concrète qui relève en totalité ou en partie du présent accord, les partenaires du projet doivent d'abord travailler vers un règlement amiable.
2. Dans le cas où les partenaires ne parviennent pas à un règlement à l'amiable, le règlement sera réglé par le tribunal compétent dans le district dans lequel l'Autorité Urbaine (principale) a son siège social. Le siège social de l'Autorité Urbaine (principale) étant situé à Marseille, les parties conviennent que **Tribunal d'Instance de Marseille, sis place Monthyon, 13006 Marseille** est compétent pour statuer dans tous les litiges découlant du présent accord.

Article 19

Dispositions finales

1. La langue de travail du présent partenariat est le français. Le présent Accord est conclu en français. Tout document interne officiel du projet sera disponible en anglais.
2. Cet accord est régi par le droit français, étant la loi du pays où se trouve l'Autorité Urbaine (principale).
3. En cas de divergences entre le contrat de subvention et la présente Convention de Partenariat, les dispositions du Contrat de Subvention prévaudront.
4. Si une disposition de la présente Convention devient totalement ou partiellement inefficace, toutes les autres dispositions restent contraignantes et les parties à cette convention s'engagent à remplacer la disposition inefficace par une disposition efficace qui se rapproche le plus possible de l'objet de la disposition inefficace.
5. Le présent accord est conclu en **10** originaux dont chaque partie conserve un original. Chacun doit être contresigné par chaque partenaire du projet. L'un des originaux signés doit être transmis à l'Autorité Mandatée.
6. Les parties signataires de l'accord de partenariat ont pleinement compris et accepté le contenu du contrat de subvention et entreprennent les activités et les responsabilités au sens où elles sont incluses.

Signatures

Fait à, Date:

Marseille, le

Nom de l'Autorité Urbaine Principale et Partenaire de projet n°1 :

Métropole Aix-Marseille-Provence

Nom et fonction du représentant légal:



Cachet

**Richard MALLIE, Vice-Président de la Métropole Aix-Marseille-Provence
internationales et européennes**

Signature:

Signatures

Fait à, Date:

Marseille, le

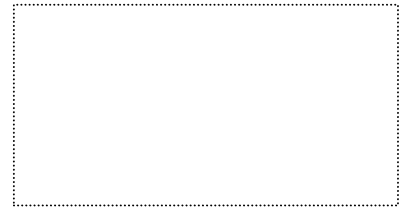
Nom du **Partenaire du projet n°2**:

AtmoSud

Nom et fonction du représentant légal:

Pierre-Charles MARIA, Président

Signature:



Cachet

Signatures

Fait à, Date:

Boulogne-Billancourt, le

Nom du **Partenaire du projet n°3**:

ARIA Technologies

Nom et fonction du représentant légal:

Jacques MOUSSAFIR, CEO



Cachet

Signature:

Signatures

Fait à, Date:

Aix-en-Provence, le

Nom du ***Partenaire du projet n°4:***

A Lab in the AIR

Nom et fonction du représentant légal:

Pierre-Charles MARIA, Président

Signature:



Cachet

Signatures

Fait à, Date:

Issy les Moulineaux, le

Nom du **Partenaire du projet n°5**:

GEOPOST- Groupe La Poste

Nom et fonction du représentant légal:

Frédéric DELAVAL, Président

Signature:



Cachet

Signatures

Fait à, Date:

Paris, le

Nom du **Partenaire du projet n°6:**

Matrice

Nom et fonction du représentant légal:

Thierry VALLENET, Président



Cachet

Signature:

Signatures

Fait à, Date:

Marseille, le

Nom du **Partenaire du projet n°7**:

L'Air et Moi

Nom et fonction du représentant légal:

Victor Hugo ESPINOSA, Président

Signature:



Cachet

Signatures

Fait à, Date:

Crolles, le

Nom du **Partenaire du projet n°8**:

Ecologicsense SAS - Groupe TERA

Nom et fonction du représentant légal:

Pascal KALUZNY, CEO



Cachet

Signature:

Signatures

Fait à, Date:

Marseille, le

Nom du **Partenaire du projet n°9**:



Cachet

GIP AGENCE FRANCAISE DES VILLES ET TERRITOIRES MEDITERRANEENS AVITEM

Nom et fonction du représentant légal:

Bernard VALERO, Directeur général

Signature:

Part A - Project summary

A.1 Project Identification

Acronym	DIAMS		
Title	Digital Alliance for Marseille Sustainability		
Project Number	UIA03-081		
(Main) Urban Authority	Aix Marseille Provence Metropole (AMP Metropole)		
ERDF rate	80.00%		
Project Duration	Start Date	01/11/2018	
	End Date	31/10/2021	
	Total Months	36	
Topic	Air quality		

A.2 Project summary

Description	The DIAMS Project brings together citizens, community leaders, private and public stakeholders to build a data-exchange platform focused on service delivery and technological sovereignty, developed in an agile mode through a flagship engagement program that will foster and facilitate coordinated action at the hyper-local, city, regional, national and supra-national levels. The platform and the program are structured around four pillars: (1) Perception: Improve air quality information and produce high quality, detailed and adaptive air quality data, by combining the power of IoT, citizens science, private initiatives and the expertise of the air quality monitoring networks. (2) Balance: Enable fluid territorial and air quality data exchange between the urban, regional, national data platforms to build an efficient local data infrastructure and facilitate integrated planning. (3) Creation: Tap on the citizens and private sector's creativity and expertise to co-develop and implement innovative solutions for air quality. (4) Motion: Delivering personalized and adaptive information to citizens and engaging them.
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Partner		ERDF co-financing		Contribution			Total	
Partner	Country	EUR	ERDF rate	Public	Private	Total	Budget	% of project budget
PP 1 - Aix Marseille Provence Metropole (AMP Metropole)	FR	601,640.00	80.00%	150,410.00	0.00	150,410.00	752,050.00	15.94%
PP 2 - Air PACA	FR	831,060.80	80.00%	0.00	207,765.20	207,765.20	1,038,826.00	22.01%
PP 3 - ARIA Technologies	FR	319,420.00	80.00%	0.00	79,855.00	79,855.00	399,275.00	8.46%
PP 4 - A Lab in the AIR	FR	774,004.00	80.00%	193,501.00	0.00	193,501.00	967,505.00	20.50%
PP 5 - Mobigreen - La Poste	FR	269,920.00	80.00%	0.00	67,480.00	67,480.00	337,400.00	7.15%
PP 6 - Matrice	FR	356,760.00	80.00%	0.00	89,190.00	89,190.00	445,950.00	9.45%
PP 7 - L'Air et Moi	FR	90,288.00	80.00%	0.00	22,572.00	22,572.00	112,860.00	2.39%
PP 8 - Groupe Tera	FR	399,096.80	80.00%	0.00	99,774.20	99,774.20	498,871.00	10.57%
PP 9 - AVITEM	FR	132,992.00	80.00%	33,248.00	0.00	33,248.00	166,240.00	3.52%
Total (€)		3,775,181.60	80.00%	377,159.00	566,636.40	943,795.40	4,718,977.00	100.00%

Part B - Partnership

Relevance of the Partnership

Rethinking the way environmental policies are designed; helping policy makers to embrace the digital era by switching to rigid planning to citizen-driven policies involves a large array of skills, a large number of which are new to the Metropole; and a profound shift in the way work is organized. Working with partners and learning the skills from practicing them on live projects can be very rewarding.

The partnership mixes policy makers with experts in the domains of air quality (Air PACA, ARIA, TERA) and innovation teams with extraordinary skills (MATRICE, A Lab in the AIR). It is complemented by partners that are specialists in the fields of engagement (La Poste, l'Air et Moi). Many partners have multiple skills. Air PACA, A Lab in the AIR, La Poste, ARIA et TERA have strong IT development competences. A Lab in the AIR specializes in policies evaluation and economic analysis.

Most partners have known each other for a long time and worked together on experimental projects.

B.1 - (Main) Urban Authority

Organisation name (Original)

Aix Marseille Provence Metropole (AMP Metropole)

Organisation name (English)

Aix Marseille Provence Metropole (AMP Metropole)

Member state

FRANCE

Number of inhabitants

1,827,366

Comments, if necessary

The Aix Marseille Provence Metropole has been established on 1st January 2016 as the merging of 6 formerly existing organised agglomeration:

- Communauté Urbaine Marseille Provence Metropole
- Communauté d'agglomération du Pays d'Aix
- Communauté d'agglomération Agglopolice Provence
- Communauté d'agglomération du Pays d'Aubagne et de l'Etoile
- Syndicat d'agglomération nouvelle Ouest Provence
- Communauté d'agglomération du pays de Martigues

The Metropole Aix Marseille Provence is a grouping of 92 municipalities :

Aix-en-Provence, Alais, Alleins, Aubagne, Auriol, Aurons, La Barben, Beaurecueil, Belcodène, Berre-l'Étang, Bouc-Bel-Air, La Bouilladisse, Cabriès, Cadolive, Carry-le-Rouet, Cassis, Ceyreste, Charleval, Châteauneuf-le-Rouge, Châteauneuf-les-Martigues, La Ciotat, Cornillon-Confoux, Cuges-les-Pins, La Destrousse, Éguilles, Ensues-la-Redonne, Eyguères, La Fare-les-Oliviers, Fos-sur-Mer, Fuveau, Gardanne, Gémenos, Gignac-la-Nerthe, Grans, Gréasque, Istres, Jouques, Lamanon, Lambesc, Langon-Provence, Mallemort, Marignane, Marseille, Martigues, Meyrargues, Meyreuil, Mimet, Miramas, Pélissanne, La Penne-sur-Huveaune, Les Pennes-Mirabeau, Peynier, Peyrin, Peyrolles-en-Provence, Plan-de-Cuques, Port-de-Bouc, Port-Saint-Louis-du-Rhône, Puy-loubier, Le Puy-Sainte-Réparate, Rognac, Rognes, La Roque-d'Anthéron, Roquefort-la-Bédoule, Roquevaire, Rousset, Le Rove, Saint-Antonin-sur-Bayon, Saint-Cannat, Saint-Chamas, Saint-Estève-Janson, Saint-Marc-Jaumegarde, Saint-Mitre-les-Remparts, Saint-Paul-lès-Durance, Saint-Savournin, Saint-Victoret, Salon-de-Provence, Sausset-les-Pins, Sénas, Septèmes-les-Vallons, Simiane-Collongue, Le Tholonet, Trets, Vauvenargues, Velaux, Venelles, Ventabren, Vernègues, Vitrolles, Coudoux, Carnoux-en-Provence, Pertuis, Saint-Zacharie

Department(s)/unit(s)/division(s) concerned

(Direction Générale Adjointe, DGA of Metropole Aix Marseille Provence
DGA Mobility and more particularly the following units:
Transport Metropolitan Integration Unit that will be involved in the MaaS Operator Work Package
Communication and Marketing Unit that will be involved in the Users Experiment Work Package
DGA Economic Development and more particularly the:
European Affairs Unit that that will be responsible for the Management Work Package
DGA Digital Systems that will be involved in the

Address

Street

58 Bd Charles Livon

Contact Person

Position

Head of European affairs Unit

Post Code

13007

Title

Mr

Town

Marseille

Forename

WALLAERT

NUTS 2

Provence-Alpes-Côte d'Azur

Surname

Vincent

NUTS 3

Bouches-du-Rhône

Email Address

vincent.wallaert@ampmetropole.fr

Phone Number

+33 495 095 082

Legal representative

Position

President of Marseille Provence Metropole

Title

Mr

Forename

GAUDIN

Surname

Jean-Claude

Email Address

president@ampmetropole.fr

Phone Number

+33 491 999 900

Legal status of the organisation

Public

Partner type

Local public authority

VAT number

FR 19 200 054 807

VAT recoverable

No

Involvement in the design phase

Concept development - stakeholders involvement - coordination

Involvement in the implementation phase

AMP leads the project. It develop the digital and environmental policies. It mobilizes existing educational/awareness program. It sets up the data monetization framework.

Competences and experiences in relation to the challenge addressed?

Metropole Aix Marseille Provence is an urban area, sensitive to air quality of its citizens.

Experience in participating in and/or managing EU co-financed projects or other international projects.

Metropole Aix Marseille Provence participates and manages a lot of projects since years. A special service is dedicated to managing EU co-financed projects. Metropole has a long experience to it.

Total Partner Budget

PROGRAMME CO-FINANCING		CONTRIBUTION			Total (€)
ERDF (€)	ERDF Co-financing rate (%)	Public Contribution (€)	Private Contribution (€)	Total Contribution (€)	Total Eligible Cost (€)
(a)		(b)	(c)	(d)=(b)+(c)	(e)=(a)+(d)
601,640.00	80.00%	150,410.00	0.00	150,410.00	752,050.00

Breakdown of Partner Budget per Work Package/ Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	20,000.00	0.00	0.00	0.00	0.00	20,000.00
WP 2	63,000.00	9,450.00	35,000.00	30,000.00	0.00	0.00	137,450.00	0.00	137,450.00
WP 3	60,000.00	9,000.00	5,000.00	100,000.00	0.00	0.00	174,000.00	0.00	174,000.00
WP 4	60,000.00	9,000.00	0.00	100,000.00	0.00	0.00	169,000.00	0.00	169,000.00
WP 5	45,000.00	6,750.00	0.00	140,000.00	0.00	0.00	191,750.00	0.00	191,750.00
WP 6	31,500.00	4,725.00	0.00	0.00	0.00	0.00	36,225.00	0.00	36,225.00
WP 7	7,500.00	1,125.00	0.00	0.00	0.00	0.00	8,625.00	0.00	8,625.00
WP 8	0.00	0.00	0.00	15,000.00	0.00	0.00	0.00	0.00	15,000.00
Total (€)	267,000.00	40,050.00	40,000.00	405,000.00	0.00	0.00	752,050.00	0.00	752,050.00
% of total budget	35.50%	5.33%	5.32%	53.85%	0.00%	0.00%	100.00%	0.00%	100.00%

B.3 - Delivery Partner (Partner 2)

Organisation name (Original)		Air PACA			
Organisation name (English)		Air PACA			
Member state		FRANCE			
Department(s)/unit(s)/division(s) concerned		total structure			
Address	Street	146 Rue Paradis	Contact Person	Position	Head of Scientific Cooperation
	Post Code	13006		Title	Mr
	Town	MARSEILLE		Forename	Alexandre
	NUTS 2	Provence-Alpes-Côte d'Azur		Surname	Armengaud
	NUTS 3	Bouches-du-Rhône		Email Address	alexandre.armengaud@airpaca.org
			Phone Number	+33	0 491 323 800
Legal representative	Position	President			
	Title	Mr			
	Forename	Pierre-Charles			
	Surname	Maria			
	Email Address	Pierre-Charles@unice.fr			
	Phone Number	+33	0 491 323 800		
Legal status of the organisation		Public	Partner type	Infrastructure and (public) service provider	
VAT number		FR 65 324 465 632			
VAT recoverable		No			
Involvement in the design phase		Air PACA is the french legal observatory of Air Quality in the PACA Region. Air PACA is responsible for workpackage 6: creation of system development of the DIAMS digital platform. Air PACA produces in real time, observations, emissions, high resolution mapping since 40 years. Air PACA coordinates the implementation of system architecture, sensor platform, territorial interface and the services interface. Air PACA is also involved in the governance and the communications of DIAMS			
Involvement in the implementation phase		Project concept development - Stakeholders involvement - Contribution to the construction of project budget			
Competences and experiences in relation to the challenge addressed?		Air PACA gathers 4 groups members : local authorities (Municipalities, Regional Council, Metropole), Regional administrations of the State and the public establishments, industries, associations dealing with environment. Air PACA 50 people, 46 years in Air Quality (AQ), 33 permanent AQ stations inside the Metropole, emissions inventories and air quality models since 20 years. Air PACA's missions are to monitor, inform, forecast, improve and support all stakeholders involved in the Air theme.			
Experience in participating in and/or managing EU co-financed projects or other international projects.		Air PACA has been involved in 11 European Projects during the last decade, incl. in APICE (2014) and CAIMANS (2015) projects from the MED Program. Air PACA was also partner of the MED IEVP GOUVERNANCE (2016) Program. Air PACA is partner of 4 ALCOTRA Projects ; AERA (2013) PARTAERA (2014) SHAIR (2015) and CLIMAERA (2020). Air PACA is also partner of 2 projects of the LIFE program ; SYMPIC (2016) and NATURE4CITY (2022). Air PACA was partner of APNEE (2002) and APNEETU (2003) projects.			

Total Partner Budget

PROGRAMME CO-FINANCING		CONTRIBUTION			Total (€)
ERDF (€)	ERDF Co-financing rate (%)	Public Contribution (€)	Private Contribution (€)	Total Contribution (€)	Total Eligible Cost (€)
(a)		(b)	(c)	(d)=(b)+(c)	(e)=(a)+(d)
831,060.80	80.00%	0.00	207,765.20	207,765.20	1,038,826.00

Breakdown of Partner Budget per Work Package/ Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 2	56,700.00	8,505.00	0.00	0.00	0.00	0.00	65,205.00	0.00	65,205.00
WP 3	25,200.00	3,780.00	5,000.00	20,000.00	0.00	0.00	53,980.00	0.00	53,980.00
WP 4	56,000.00	8,400.00	0.00	0.00	0.00	0.00	64,400.00	0.00	64,400.00
WP 5	58,100.00	8,715.00	2,500.00	0.00	0.00	0.00	69,315.00	0.00	69,315.00
WP 6	178,440.00	26,766.00	2,500.00	550,000.00	5,000.00	0.00	762,706.00	0.00	762,706.00
WP 7	2,800.00	420.00	0.00	20,000.00	0.00	0.00	23,220.00	0.00	23,220.00
WP 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (€)	377,240.00	56,586.00	10,000.00	590,000.00	5,000.00	0.00	1,038,826.00	0.00	1,038,826.00
% of total budget	36.31%	5.45%	0.96%	56.79%	0.48%	0.00%	100.00%	0.00%	100.00%

B.3 - Delivery Partner (Partner 3)

Organisation name (Original)		ARIA Technologies			
Organisation name (English)		ARIA Technologies			
Member state		FRANCE			
Department(s)/unit(s)/division(s) concerned		Total Structure			
Address	Street	8-10 rue de la Ferme	Contact Person	Position	Project Manager
	Post Code	92100		Title	Mr
	Town	Boulogne-Billancourt		Forename	Frédéric Mahé
	NUTS 2	Île de France		Surname	Frédéric
	NUTS 3	Hauts-de-Seine		Email Address	fmahe@aria.fr
			Phone Number	+33	0 638 605 086
Legal representative	Position	CEO			
	Title	Mr			
	Forename	Jacques			
	Surname	Moussafir			
	Email Address	jimoussafir@aria.fr			
	Phone Number	+33	0 607 757 125		
Legal status of the organisation		Private	Partner type		SME
VAT number		FR 27 379 180 474			
VAT recoverable		Yes			
Involvement in the design phase		Participate in the platform design to optimise the use of Air Quality (AQ) data at high resolution (measurements and modelisation). To ensure a dynamical mapping and interaction with the platform users. The spatial resolution needed for understanding hot spots and high concentration episodes is not uniform, so during the design phase, a hybrid mapping will be designed to identify where we will need high resolution data (in space but also in time) and where we will use already available results.			
Involvement in the implementation phase		Implement different digital platforms to characterize the air quality at high resolution (using high resolution inventory, meteorology, building characteristics) Focus on zone where the AQ will be identified as an issue (linked with Air Keepers program) In addition, air pollution in an urban environment is not homogeneous. In any urban environment hotspots occur, which can be related to various sources. High-resolution modelling could help identifying these hotspots and allow far more precise and more cost-effective measures that are best suited for that micro environment. A refinement of resolution inventory could be useful to better describe the AQ hot spots.			
Competences and experiences in relation to the challenge addressed?		High-resolution mapping (3m resolution) in areas where the buildings and the emissions are very dense. Experiences in implementing high resolution urban model (see http://www.aria.fr/projets/aircity/index.php?lang=en). Dynamical mapping combining modelisation (based on pollutant inventory and meteorology) and microsenors data assimilation (to produce a blending of the deterministic model pattern and of the observed values that will keep the general model pattern but honor the data values).			
Experience in participating in and/or managing EU co-financed projects or other international projects.		Long experience in EU or international projects , hereafter a short list : H2020 : HERACLES "Protecting cultural monuments from climate change" (http://www.heracles-project.eu/consortium/aria) FEDER : AIRCITY A very high resolution model 3D dispersion modelling for Paris (2013) (http://www.aria.fr/projets/aircity/index.php?lang=en) Life project : " KALAIR KALiningrad AIR Pollution induced by Traffic : modeling system design, installation and validation. " (2008) Climate KIC : AtmoData4Health			

Total Partner Budget

PROGRAMME CO-FINANCING		CONTRIBUTION			Total (€)
ERDF (€)	ERDF Co-financing rate (%)	Public Contribution (€)	Private Contribution (€)	Total Contribution (€)	Total Eligible Cost (€)
(a)		(b)	(c)	(d)=(b)+(c)	(e)=(a)+(d)
319,420.00	80.00%	0.00	79,855.00	79,855.00	399,275.00

Breakdown of Partner Budget per Work Package/ Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 2	18,000.00	2,700.00	0.00	0.00	0.00	0.00	20,700.00	0.00	20,700.00
WP 3	36,000.00	5,400.00	0.00	0.00	0.00	0.00	41,400.00	0.00	41,400.00
WP 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 6	157,500.00	23,625.00	9,000.00	85,000.00	30,000.00	0.00	305,125.00	0.00	305,125.00
WP 7	27,000.00	4,050.00	1,000.00	0.00	0.00	0.00	32,050.00	0.00	32,050.00
WP 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (€)	238,500.00	35,775.00	10,000.00	85,000.00	30,000.00	0.00	399,275.00	0.00	399,275.00
% of total budget	59.73%	8.96%	2.50%	21.29%	7.51%	0.00%	100.00%	0.00%	100.00%

B.3 - Delivery Partner (Partner 4)

Organisation name (Original)	ALab in the AIR				
Organisation name (English)	ALab in the AIR				
Member state	FRANCE				
Department(s)/unit(s)/division(s) concerned	ALab in the AIR is an innovation lab dedicated to air quality. It is a non-profit public-private cooperative (Société Coopérative d'Intérêt Collectif), cofunded by Air PACA. It deals with the digital transformation of air policies, and the implementation of innovation techniques for public governance and policies. It runs a dedicated space where experts, citizens and policy makers meet to work together. It is a member of the fablab foundation and of Fab&Co (corporate innovation labs)				
Address	Street	167	Contact Person	Position	Director
	Post Code	13006		Title	Ms
	Town	MARSEILLE		Forename	Anne
	NUTS 2	Provence-Alpes-Côte d'Azur		Surname	BERLANCOURT
	NUTS 3	Bouches-du-Rhône		Email Address	anne@alabintheair.cc
				Phone Number	+33 06 457 357 040
Legal representative	Position	Président			
	Title	Mr			
	Forename	Pierre-Charles			
	Surname	MARIA			
	Email Address	pierre-charles@alabintheair.cc			
	Phone Number	+33 0 491 984 001			
Legal status of the organisation	Private	Partner type	Other		
VAT number	FR90829033224				
VAT recoverable	Yes				
Involvement in the design phase	Project concept development - Design thinking and stakeholders involvement - Prototyping - Coordination, together with AMP and an expert consultant in European Affairs.				
Involvement in the implementation phase	Expertise in innovation processes, digital transformation (incl. IT systems architecture), evaluation frameworks and environmental/social economic analysis. Engagement of stakeholders and program animation. Digital communication and space management. ALab in the AIR works closely with thecamp, a major innovation accelerator based in the Metropole, and together, they will create the DIAMS operating structure. Staff from the AMP and Air PACA will be detached to this structure.				
Competences and experiences in relation to the challenge addressed?	ALab in the AIR is run by a diverse team of professionals with a large array of skills. The Director, who will be heavily involved in the DIAMS project, has more than 30 years experience in the fields of Air quality (modeling and policies) and innovation management in France, in the US and in the UK. The team also include a system architect, designers, IOT experts and economists. ALab in the AIR leads the digital strategy of Air PACA and has been involved in several major prototyping projects.				
Experience in participating in and/or managing EU co-financed projects or other international projects.	ALab in the AIR being a recently created organization has not yet participated in EU funded projects. However some of the staff members and associate partners, have extensive experience of European and International projects.				

Total Partner Budget

PROGRAMME CO-FINANCING		CONTRIBUTION			Total (€)
ERDF (€)	ERDF Co-financing rate (%)	Public Contribution (€)	Private Contribution (€)	Total Contribution (€)	Total Eligible Cost (€)
(a)		(b)	(c)	(d)=(b)+(c)	(e)=(a)+(d)
774,004.00	80.00%	193,501.00	0.00	193,501.00	967,505.00

Breakdown of Partner Budget per Work Package/ Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 2	21,600.00	3,240.00	3,000.00	0.00	0.00	0.00	27,840.00	0.00	27,840.00
WP 3	52,200.00	7,830.00	3,000.00	15,000.00	0.00	0.00	78,030.00	0.00	78,030.00
WP 4	36,000.00	5,400.00	0.00	0.00	0.00	0.00	41,400.00	0.00	41,400.00
WP 5	174,400.00	26,160.00	0.00	0.00	30,000.00	0.00	230,560.00	0.00	230,560.00
WP 6	311,400.00	46,710.00	5,000.00	60,000.00	0.00	0.00	423,110.00	0.00	423,110.00
WP 7	143,100.00	21,465.00	2,000.00	0.00	0.00	0.00	166,565.00	0.00	166,565.00
WP 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (€)	738,700.00	110,805.00	13,000.00	75,000.00	30,000.00	0.00	967,505.00	0.00	967,505.00
% of total budget	76.35%	11.45%	1.34%	7.75%	3.10%	0.00%	100.00%	0.00%	100.00%

B.3 - Delivery Partner (Partner 5)

Organisation name (Original)	Mbigreen - La Poste				
Organisation name (English)	Mbigreen - La Poste				
Member state	FRANCE				
Department(s)/unit(s)/division(s) concerned	structure total				
Address	Street	Rue Maurice Mallet	Contact Person	Position	Director
	Post Code	92130		Title	Mr
	Town	Issy-les-Moulineaux		Forename	Deydier
	NUTS 2	Île de France		Surname	Anthony
	NUTS 3	Hauts-de-Seine		Email Address	anthony.deydier@apostie.fr
			Phone Number	+33	669 294 368
Legal representative	Position	Président			
	Title	Mr			
	Forename	DELAVAL			
	Surname	Frédéric			
	Email Address	frederic.delaval@apostie.fr			
	Phone Number	+33	236 157 224		
Legal status of the organisation	Private		Partner type	Enterprise	
VAT number	FR11493230676				
VAT recoverable	Yes				
Involvement in the design phase	Participation in the concept development. Feedback on previous experiments with sensors.				
Involvement in the implementation phase	Creation of network of DIAMS contributors. Operation of a fleet of 300+ sensors installed on corporate vehicles and fixes stations.				
Competences and experiences in relation to the challenge addressed?	Pollutrack experiment in Paris				
Experience in participating in and/or managing EU co-financed projects or other international projects.	n.a.				

Total Partner Budget

PROGRAMME CO-FINANCING		CONTRIBUTION			Total (€)
ERDF (€)	ERDF Co-financing rate (%)	Public Contribution (€)	Private Contribution (€)	Total Contribution (€)	Total Eligible Cost (€)
(a)		(b)	(c)	(d)=(b)+(c)	(e)=(a)+(d)
269,920.00	80.00%	0.00	67,480.00	67,480.00	337,400.00

Breakdown of Partner Budget per Work Package/ Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 2	11,600.00	1,740.00	3,000.00	0.00	0.00	0.00	16,340.00	0.00	16,340.00
WP 3	10,800.00	1,620.00	3,000.00	0.00	0.00	0.00	15,420.00	0.00	15,420.00
WP 4	1,000.00	150.00	0.00	0.00	0.00	0.00	1,150.00	0.00	1,150.00
WP 5	21,200.00	3,180.00	6,000.00	85,000.00	150,000.00	0.00	265,380.00	0.00	265,380.00
WP 6	16,000.00	2,400.00	0.00	0.00	0.00	0.00	18,400.00	0.00	18,400.00
WP 7	15,400.00	2,310.00	3,000.00	0.00	0.00	0.00	20,710.00	0.00	20,710.00
WP 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (€)	76,000.00	11,400.00	15,000.00	85,000.00	150,000.00	0.00	337,400.00	0.00	337,400.00
% of total budget	22.53%	3.38%	4.45%	25.19%	44.46%	0.00%	100.00%	0.00%	100.00%

B.3 - Delivery Partner (Partner 6)

Organisation name (Original)		Matrice			
Organisation name (English)		Matrice			
Member state		FRANCE			
Department(s)/unit(s)/division(s) concerned		Matrice - total structure			
Address	Street	16 avenue Franklin de Roosevelt	Contact Person	Position	Director general
	Post Code	75008		Title	Mr
	Town	Paris		Forename	PETIT
	NUTS 2	Île de France		Surname	François-Xavier
	NUTS 3	Paris		Email Address	fxp@42.fr
			Phone Number	+33	686 351 726
Legal representative	Position	President			
	Title	Mr			
	Forename	Vallenet			
	Surname	Thierry			
	Email Address	contact@matrice.io			
	Phone Number	+33	607 265 092		
Legal status of the organisation		Private	Partner type		Interest groups including NGOs
VAT number		If applicable			
VAT recoverable		Yes			
Involvement in the design phase		Concept development.			
Involvement in the implementation phase		Matrice brings a diverse array of creative, expert and entrepreneurial new skills by mobilizing a large set of students from the best schools of France. They will contribute to workshops, generate ideas, and organize events. MATRICE will also contribute to the platform development. More over, MATRICE is a powerful bridge to the academic community and to young entrepreneurs. It also brings in its expertise in innovation management.			
Competences and experiences in relation to the challenge addressed?		We are specialized in Innovative method on system development, entrepreneurship and specific method around challenges for the future in system development and IT development which is totally . The association created by Ecole 42 is in the same move than the project and have the experience of system developing..			
Experience in participating in and/or managing EU co-financed projects or other international projects.		Matrice is an association created in july 2016 which is explaining that we don' have managed EU co financed projects yet.			

Total Partner Budget

PROGRAMME CO-FINANCING		CONTRIBUTION			Total (€)
ERDF (€)	ERDF Co-financing rate (%)	Public Contribution (€)	Private Contribution (€)	Total Contribution (€)	Total Eligible Cost (€)
(a)		(b)	(c)	(d)=(b)+(c)	(e)=(a)+(d)
356,760.00	80.00%	0.00	89,190.00	89,190.00	445,950.00

Breakdown of Partner Budget per Work Package/ Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 2	48,500.00	7,275.00	5,000.00	0.00	0.00	0.00	60,775.00	0.00	60,775.00
WP 3	87,000.00	13,050.00	69,000.00	0.00	0.00	0.00	169,050.00	0.00	169,050.00
WP 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 5	53,000.00	7,950.00	0.00	0.00	0.00	0.00	60,950.00	0.00	60,950.00
WP 6	49,500.00	7,425.00	4,000.00	46,000.00	8,000.00	0.00	114,925.00	0.00	114,925.00
WP 7	35,000.00	5,250.00	0.00	0.00	0.00	0.00	40,250.00	0.00	40,250.00
WP 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (€)	273,000.00	40,950.00	78,000.00	46,000.00	8,000.00	0.00	445,950.00	0.00	445,950.00
% of total budget	61.22%	9.18%	17.49%	10.32%	1.79%	0.00%	100.00%	0.00%	100.00%

B.3 - Delivery Partner (Partner 7)

Organisation name (Original)		L'Air et Moi			
Organisation name (English)		L'Air et Moi			
Member state		FRANCE			
Department(s)/unit(s)/division(s) concerned		Air and Me is a programme that raises awareness of air quality, making available a set of free-of-charge downloadable teaching tools. Air and Me aims at raising air awareness among as many children as possible. This free-of-charge co-operative programme has, since its inception, involved various parties (including children, teachers, experts, doctors, facilitators and parents) working around this same aim.			
Address	Street	18 Rue Stanilas Torrents	Contact Person	Position	Président
	Post Code	13006		Title	Mr
	Town	Marseille		Forename	Victor Hugo
	NUTS 2	Provence-Alpes-Côte d'Azur		Surname	Espinosa
	NUTS 3	Bouches-du-Rhône		Email Address	lairetmoi@gmail.com
			Phone Number	+33	673 039 884
Legal representative	Position	President			
	Title	Mr			
	Forename	Victor Hugo			
	Surname	Espinosa			
	Email Address	lairetmoi@gmail.com			
	Phone Number	+33	673 039 884		
Legal status of the organisation		Private	Partner type		Other
VAT number		FR57823297312			
VAT recoverable		No			
Involvement in the design phase		Prototyping and stakeholder engagement			
Involvement in the implementation phase		Development of a module air and me & Metropolis that integrates the contribution of sensors (linking with Brigades) - Create a support adapted to the process involving all parties, including the inspectorate, teachers ... Accompany the deployment with "Brigades" school program : awareness, support of the approach and controlled treatment of the results (children, actors of the school, municipalities, metropolis, inspectorate of academy ...). Air and Me educational programme is focused on Work Package 5 of DIAMS project.			
Competences and experiences in relation to the challenge addressed?		Air and Me has been downloaded more than 130000 times. 250000 children were reached thanks to 500 interactive sessions in schools and high schools, and numerous train-the-trainers courses attended by 200 school nurses and lots of teachers. Currently spreading out on national and global scales (offices in other French regions and in Morocco), Air and Me was part of the COP23 and visited the French Ministry of environment to request support.			
Experience in participating in and/or managing EU co-financed projects or other international projects.		Air and Me project has been introduced in the AERA Interreg Alcotra Project in Genova conference (2013). Air and Me project was first transposed in Italy because of the SHAIR Alcotra project (2015). In 2017, Air and Me has participated with Air PACA to the InAirQ Interreg project. It aims to describe the health impacts of indoor air quality on the vulnerable population and to take action to improve the healthy environment in schools of Central Europe.			

Total Partner Budget

PROGRAMME CO-FINANCING		CONTRIBUTION			Total (€)
ERDF (€)	ERDF Co-financing rate (%)	Public Contribution (€)	Private Contribution (€)	Total Contribution (€)	Total Eligible Cost (€)
(a)		(b)	(c)	(d)=(b)+(c)	(e)=(a)+(d)
90,288.00	80.00%	0.00	22,572.00	22,572.00	112,860.00

Breakdown of Partner Budget per Work Package/ Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 2	4,400.00	660.00	2,000.00	0.00	0.00	0.00	7,060.00	0.00	7,060.00
WP 3	12,000.00	1,800.00	0.00	0.00	0.00	0.00	13,800.00	0.00	13,800.00
WP 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 5	80,000.00	12,000.00	0.00	0.00	0.00	0.00	92,000.00	0.00	92,000.00
WP 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (€)	96,400.00	14,460.00	2,000.00	0.00	0.00	0.00	112,860.00	0.00	112,860.00
% of total budget	85.42%	12.81%	1.77%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%

B.3 - Delivery Partner (Partner 8)

Organisation name (Original)		Nec-K			
Organisation name (English)		Groupe Tera			
Member state		FRANCE			
Department(s)/unit(s)/division(s) concerned		Total structure			
Address	Street	628 Rue Charles De Gaulle	Contact Person	Position	David RIALANT
	Post Code	38920		Title	Mr
	Town	CROLLES		Forename	David
	NUTS 2	Rhône-Alpes		Surname	RIALLANT
	NUTS 3	Isère		Email Address	david.riallant@groupe-tera.com
			Phone Number	+33	0 643 113 652
Legal representative	Position	CEO			
	Title	Mr			
	Forename	Pascal			
	Surname	KALUZNY			
	Email Address	pascal.kaluzny@groupe-tera.com			
	Phone Number	+33	0 476 921 011		
Legal status of the organisation		Private	Partner type		SME
VAT number		FR88789680485			
VAT recoverable		Yes			
Involvement in the design phase		Contribution to the project concept development - Stakeholders involvement - prototyping			
Involvement in the implementation phase		Sensors kits - Contribution to the development of platform bricks (pulse app and sensor platform) - Organization of communication events (Air24 and workshops) - contribution to the WP7 workshops.			
Competences and experiences in relation to the challenge addressed?		Sensors and citizens apps development. Organization of major events. Extensive experience in the field of air quality monitoring.			
Experience in participating in and/or managing EU co-financed projects or other international projects.		n.a.			

Total Partner Budget

PROGRAMME CO-FINANCING		CONTRIBUTION			Total (€)
ERDF (€)	ERDF Co-financing rate (%)	Public Contribution (€)	Private Contribution (€)	Total Contribution (€)	Total Eligible Cost (€)
(a)		(b)	(c)	(d)=(b)+(c)	(e)=(a)+(d)
399,096.80	80.00%	0.00	99,774.20	99,774.20	498,871.00

Breakdown of Partner Budget per Work Package/ Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 2	5,400.00	810.00	1,000.00	0.00	0.00	0.00	7,210.00	0.00	7,210.00
WP 3	16,920.00	2,538.00	0.00	0.00	0.00	0.00	19,458.00	0.00	19,458.00
WP 4	4,320.00	648.00	0.00	0.00	0.00	0.00	4,968.00	0.00	4,968.00
WP 5	48,900.00	7,335.00	0.00	235,000.00	163,500.00	0.00	454,735.00	0.00	454,735.00
WP 6	7,000.00	1,050.00	500.00	0.00	0.00	0.00	8,550.00	0.00	8,550.00
WP 7	3,000.00	450.00	500.00	0.00	0.00	0.00	3,950.00	0.00	3,950.00
WP 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (€)	85,540.00	12,831.00	2,000.00	235,000.00	163,500.00	0.00	498,871.00	0.00	498,871.00
% of total budget	17.15%	2.57%	0.40%	47.11%	32.77%	0.00%	100.00%	0.00%	100.00%

B.3 - Delivery Partner (Partner 9)

Organisation name (Original)	GIP AGENCE FRANCAISE DES VILLES ET TERRITOIRES MEDITERRANEENS AVTEM				
Organisation name (English)	AVTEM				
Member state	FRANCE				
Department(s)/unit(s)/division(s) concerned	AVTEM's mission is to provide French public authorities with an extended set of best practices and solutions for Mediterranean sustainable cities and territories. AVTEM also pays attention to the scalability and transferability of its projects. Candice le Tourneur, Head of the Cooperation Unit will be involved in the project.				
Address	Street	19 rue Vacon	Contact Person	Position	Head of the Cooperation Unit
	Post Code	13001		Title	Ms
	Town	Marseille		Forename	Le Tourneur
	NUTS 2	Provence-Alpes-Côte d'Azur		Surname	Candice
	NUTS 3	Bouches-du-Rhône		Email Address	c.letourneur@avtem.org
			Phone Number	+33	495 094 266
Legal representative	Position	General Director			
	Title	Mr			
	Forename	Valero			
	Surname	Bernard			
	Email Address	b.valero@avtem.org			
	Phone Number	+33	495 094 400		
Legal status of the organisation	Public		Partner type	Sectoral agency	
VAT number	FR11130016504				
VAT recoverable	No				
Involvement in the design phase	Concept development - stakeholders involvement				
Involvement in the implementation phase	AVTEM will contribute to WP2, WP3 and WP4 activities. In particular, its participation will focus on the advocacy, dissemination and transferability activities: based on its experience, AVTEM will contribute to drafting the strategic documents and to influencing policy making vis-à-vis European, regional and local authorities. It will also lead the dissemination activities to share the project results with a large audience, through the participation to project public events, to external events, and through digital communication while reaching out to medias relying on its large network of stakeholders in the Mediterranean area. This will thus help co-build Metropole Air cities.				
Competences and experiences in relation to the challenge addressed?	AVTEM gained experience through a project that aims at reducing air pollution impacts on inhabitants' health in 4 cities. It contributed to influencing public policies while integrated measures of emissions reduction in urban planning strategies and documents. AVTEM supervised the implementation of platforms and pilot projects dedicated to testing these decision-making tools. Our added value is also its competences in capitalization and dissemination of cooperation projects' results.				
Experience in participating in and/or managing EU co-financed projects or other international projects.	AVTEM participates in: 2 MED modular projects (as Lead Partner): COWORKMED and MADRE and 2 MED projects as partner. 2 Maritime projects (Partner): TRIG Eau and PROMETEA 1 Interreg Europe (Partner): ZERO CO2 1 H2020 on energy issues: HAPPEN In previous period, AVTEM participated in 10 EU co-financed MED projects on sustainable urban issues + 2 ENPI CBC MED projects as Lead Partner including GOUVERNANCE focusing on air quality, hence AVTEM's experience in this field.				

Total Partner Budget

PROGRAMME CO-FINANCING		CONTRIBUTION			Total (€)
ERDF (€)	ERDF Co-financing rate (%)	Public Contribution (€)	Private Contribution (€)	Total Contribution (€)	Total Eligible Cost (€)
(a)		(b)	(c)	(d)=(b)+(c)	(e)=(a)+(d)
132,992.00	80.00%	33,248.00	0.00	33,248.00	166,240.00

Breakdown of Partner Budget per Work Package/ Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 2	51,600.00	7,740.00	0.00	0.00	0.00	0.00	59,340.00	0.00	59,340.00
WP 3	36,000.00	5,400.00	16,000.00	0.00	0.00	0.00	57,400.00	0.00	57,400.00
WP 4	24,000.00	3,600.00	15,000.00	0.00	0.00	0.00	42,600.00	0.00	42,600.00
WP 5	6,000.00	900.00	0.00	0.00	0.00	0.00	6,900.00	0.00	6,900.00
WP 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (€)	117,600.00	17,640.00	31,000.00	0.00	0.00	0.00	166,240.00	0.00	166,240.00
% of total budget	70.74%	10.61%	18.65%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%

Part C - Project description

C.1 Project relevance and innovativeness

C.1.1 Main challenge(s) to be addressed

Main challenge(s) to be addressed	Bounded by the sea, and surrounded by mountains, with a warm sunny weather, the Marseille area is conducive to the formation of ozone and PM. The Aix-Marseille-Provence area is the second most important urban area of France; its harbor makes it the main exportation hub to the Mediterranean area. However, this intense economic activity is a major source of pollutants emissions. Air pollution has improved despite the significant long-term economic and demographic growth. However, significant challenges remain and the area is still having some of the worst air quality in the nation. The region fails to meet the European Air Quality Standards. Therefore, the Metropole must continue to work to further improve air quality and to better protect public health. In this perspective, fresh thinking and new policies approaches are needed. Indeed, the normative and top-down French structure of governance, in fact, hampers the deployment of effective action plans: lack of integration and limited information and data exchanges result in insufficient stakeholders engagement, silo thinking, unresolved conflicts of objectives, and poor cooperation between the local, national and European levels. In addition, the digital era is making profound and rapid changes to our society, our economy, our political system. It is changing our ways of producing, consuming and living together; it affects the way citizens relate with companies and public authorities; it is a deeply decentralized organization where everyone can play a role and regain power: it fosters both globalization and individualization. The hierarchical management structures that most of the local governments still use today are overwhelmed by the challenges posed by the complex digital market. The newly established (1st January 2016) Aix-Marseille-Provence Métropole is therefore compelled to innovate in order to face those previously described challenges and the high expectations regarding its ability to rethink the way the local governance plan, build and measure progress, and to set up a model that will allow everyone to actively engage. This can be achieved by bringing together digital transformation, citizen participation and transparency. To tackle this challenge, the Metropole will have to implement a multifold strategy using a variety of approaches such as accelerated deployment of cleaner technologies, best management practices, sustainable urban planning, incentive programs, behavioural change, based on an efficient governance enabling good integration and coordination between the Metropole, Regional and State agencies. In addition, the development process will have to incorporate collaborative efforts by a wide range of non-government stakeholders. This necessary transformation represents a great challenge for the Metropole; it is also a great opportunity to improve the efficiency of air quality related policies while creating economic and social value.
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C.1.2 Proposed solution

Proposed solution	The DIAMS Project brings together metropolitan policy makers, experts, citizens, community leaders, private and public stakeholders to build a data-exchange platform focused on service delivery and technological sovereignty, developed in an agile mode through a flagship engagement program that will foster and facilitate coordinated action at the individual, hyper-local, city, regional, national and supra-national levels. The overall program is structured around four pillars: - Perception: Improve air quality information and produce high quality, detailed and adaptive air quality data, by combining the power of IoT, citizens science, private initiatives and the expertise of the air quality monitoring networks. - Balance: Enable fluid territorial and air quality data exchange between the urban, regional, national data platforms to build an efficient local data infrastructure and facilitate integrated planning. - Creation: Tap on the citizens and private sector's creativity and expertise to co-develop and implement innovative solutions for air quality. - Motion: Delivering personalized and adaptive information to citizens and policy makers and engaging them. The DIAMS program consists in (1) creating a network of contributors, both citizens and private organizations who put their skills (observation and analysis, insights and imagination, technology and fabrication, leadership and communication) to work for the benefit of air quality (Perception, Creation) (2) bringing human, spaces, data and technological resources to the network (Balance, Creation) (3) integrating the contributors efforts outputs in the Metropolitan air quality policies through participative procedures and an annual projects incubation process (Balance, Motion). The DIAMS Platform provides the data and services used by the Contributors. It facilitates transactions between the various stakeholders that would otherwise have difficulty finding each other. It also provides technological building blocks that are used as a foundation on top of which a large number of innovators can develop complementary services or products. DIAMS is organized around four structural portals: - Sensor platform (Perception): Sensor acquisition and assimilation/aggregation procedures; - Territorial portal (Balance): APIs for platforms communication and data exchange, Lean Emission Inventory, Cloud based conceptual analysis tools. - Innovation portal (Creation): access to open public data and regulated access to proprietary data; open innovation platform based around blockchain technology. - Services platform (Motion): user-centered design applications and community management tools. Engagement mapping.
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C.1.3 Innovativeness of the proposed solution

Innovativeness of the proposed solution	The project innovativeness is threefold: 1 - In line with the "platform" strategy it builds upon approaches and tools that have been successfully deployed in smart and inclusive cities (e.g. Barcelona, London, Amsterdam, URBANACT cities (e.g. Ghent), New York, San Francisco. See also EC funded projects H2020 DECODE (732546), FP7 DCENT, H2020 ICT2015 Making Sense)) and adapts them to the multi-stakeholders management of air quality. These bricks and approaches have never been deployed in an integrated air quality program, and the "air as a service" platform strategy is quite revolutionary. In fact, very few cities included air quality policies in their digital framework. To our knowledge, none of the air quality agencies or boards has cooperated with cities to help building an integrated data infrastructure. This can be explained by the all too common lack of governance integration in the domain of air quality management, which has historical roots (EU GOUVERNANCE project). We have also learned from the IT industry who by nature bring together various and very different stakeholders, to build the foundations of business models that benefit both to the public service and to private initiatives. This is a bold approach in public governments and has not been tried in air quality policies and tools, resulting in an ineffective apparent conflict between local air policies, European-monitored surveillance networks and private monitoring and reporting initiatives. (2) It uses innovative experimental processes to ensure that the resulting program will be fully "citizen-driven", such as design thinking, agile methods, prototyping and testing, lean evidence gathering. Again, we tap on the previous work undertaken by other cities and agencies and build on it (eg EU Action Plan for Design-Driven Innovation project Design for Europe; DS4EU H2020 project; FP7-project: TEPSE (290771); H2020 ICT2015 project Making Sense (688620)); it is a first in the domain of air quality. (3) It implements radically new approaches such as (i) the air quality data monetization framework and the development of business models that promote the constructive collaboration of citizens and entrepreneurs; (ii) interskills and inter-generational approaches by providing shared resources and actively creating links between citizens, industries, students and policy makers; even inter-species approaches through the deployment of connected hives and (iii) lean data performance tools for measuring and improving air policies performances. The proposed solution is the result of years of analysis, research, benchmarks, prototyping and testing. A strategic watch database has been created, and trends reports and newsletters have been produced. These resources will be made fully available when the project is launched.
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C.1.4 Potential obstacles and resistance

Potential obstacles and resistance

Research and exchanges with stakeholders helped us identify and anticipate responses to potential difficulties, the most challenging of which are the cultural shift in governments, the stakeholders lack of acceptance, and the mobilization of new skills.

DIAMS embodies a cultural shift within the air sector: from centric approaches to stakeholders-driven approaches, from strict plans to experimentation. The political system does not easily allow for change, and resistance is expected to arise. To overcome these difficulties (1) We dedicate a substantial work to the co-elaboration of effective organisational and governance frameworks; (2) ensure the smooth implementation of the program through a "project based" approach and the publication of interim results; (3) implement a thorough communication plan. Public resistance can arise from distrust of the governments and concerns about the loss of control over their personal data - a concerned shared by private companies who resist sharing valuable information. By allowing stakeholders to be a part of the design process, they become part of the project and more than just the recipient of it. Moreover, the program includes extensive work on private data management and the design of business models.

Skills new to the Metropole will be necessary, such as digital and designing skills. DIAMS enable civil servants to learn those skills and practice them on live projects, together with external partners that will share their experience.

C.1.5 Integrated Approach

Integrated approach

Promoting the elaboration of integrated air quality policies is the main objective of DIAMS, and has been its design foundation.

Improved monitoring (sensor platform) and conceptual analysis tools; stakeholders-driven bold and efficient air quality plans (insight analysis, innovation platform, air as a service) will result in environmental performance.

DIAMS aims at tapping into the citizens and private organizations creativity and skills; to do so, a reward and data monetization framework is set up. Business models workshops involving stakeholders will help to understand the complex interactions between emissions, control strategies, air quality, and business impacts and promote the deployment of advanced technologies. This will result in economic value creation. By facilitating data exchanges between the various departments and agencies involved in air quality policies; enabling the quick assessments of planning scenarios; promoting experimentation, DIAMS will contribute to increase the performance of environmental policies. This will result in a better spending of public money.

The DIAMS program creates opportunities for all citizens to develop their skills, access resources, meet peers and create value through their contributions. The DIAMS network is built from

C.1.6 Link to ERDF themes

Link to ERDF Thematic Objectives and Investment Priorities

transportation, energy and climate goals, indirectly contributing to Thematic Objectives TO4b-e-f, TO7/c.

Special effort is put in the monitoring and evaluation of environmental performance policies, hence contribution to objective TO6/g.

The social and inclusive aspects of DIAMS (network of Citizens brigades, access to organizational and technical resources, participative democracy) contribute to objectives TO9/ c-d. The creation of a multi-stakeholder operational structure will contribute to objective TO6/a.

C.2 Project context and local partnership

C.2.1 Link with other local/regional/national strategies and policies (incl. smart specialisation strategies)

Link with other local/regional/national strategies and policies

The DIAMS structural tools and the actions resulting from the engagement program will be included in the local, regional and national environmental and health policies: PCAET (Plan Climat Air Energie Territorial), PRSE (Plan Régional Santé Environnement), PPA (Plan de Protection de l'Atmosphère), SRCAE (Schéma Régional Climat Air Energie). The project has already been included has one of the flagship measures of the Government Road Map for Air Pollution prepared for the EC.

Owing to its integrated nature, DIAMS will also be deployed in local mobility, housing and urban planning policies: PADD (Projet d'Aménagement et de Développement Durable), PDU (Plan de Déplacement Urbain), SCOT, PLH, PLU.

Wider Stakeholders have been actively involved in the design of DIAMS, and the project has been included in specific initiatives, such as the Smart Port Program, supported by the Metropole, the Grand Port Maritime de Marseille and the Chambre de Commerce et d'Industrie, and the Smart Region Program.

By promoting the intelligent use of ICT and AI, the development of new skills, more efficient public services and social inclusion, DIAMS contributes to the main objectives of regional and national strategies outlined in the Government Quinquennium Roadmap, the SRADDET (Schéma Régional d'Aménagement, de Développement Durable et d'Égalité des Territoires) and the SRDEII (Schéma Régional de Développement Économique, d'Innovation et d'Internationalisation).

C.2.2 Synergies with other projects and initiatives

Synergies with other projects and initiatives

In line with its integrated approach, DIAMS builds upon a number of existing projects, and strongly intends to develop and intensify this "leverage" effect by putting dedicated efforts in the creation and animation of a network of cities and organizations involved in related issues (see Communication WP).

The DIAMS strategy has been based for a large part on the findings of the EU GCM/RAINANCE project.

The Metropole and its institutional partners Air PACA and ALab in the AIR will leverage existing engagement programs such as "Les Ambassadeurs de la Mobilité", "L'Air et Moi", "Cap sur l'Air", etc. It will also make use of other local engagement and acceleration programs such as the camp Youth Camp and local fablabs events.

DIAMS performance system will make use of the digital social innovation evaluation scale of the DS4EU H2020 project and the evaluation approaches of the FP7-project, TEP'SIE (290771). Discussions have already been initiated with the H2020 ICT2015 project Making Sense partners to adapt and expand their toolkits. We will also be deploying and adapting the FP7-project DCENT tools to promote participative democracy processes, as well as the personal data management tools of the H2020 DECODE project to respond to people's and companies concerns about a loss of control over their personal information.

C.2.3 Involvement of wider stakeholders in project design

Involvement of wider stakeholders in project design	In order to understand who was going to benefit from DIAMS and who could support or prevent its success, the preparation phase included a target and stakeholders mapping activity. It is important to outline that two of the partners, Air PACA and ALab in the AIR are non-profit structures with a multi-stakeholder participative governance. We involved a large array of stakeholders: - DIAMS peer-partners - local governments or agencies for whom the platform could be an integrated asset of their data/ service process: PACA Region, DREAL, AMP Cities, ADEME, ARS, Grand Port Maritime de Marseille... - DIAMS peer-producers - organizations and citizens/entrepreneurs whose services and technologies become bricks of the platform (incubation process), ind. thecamp, a major local innovation accelerator, Fab&Co (national association of corporate innovation labs), Lablabs, NESTA, AMU University, startups, Autodesk, RENAULT... - DIAMS peer-consumers - organizations and citizens who use the platform services and contribute with data: citizens associations, Schools, private citizens, industries (including RTM, Pôle Petrochimique de Berre, Eaux de Marseille). We also involved in the process our local MP, Claire PETOLLAT. To design DIAMS, we embraced a design thinking process, involving - about 30 thorough interviews; - numerous exchanges with Air PACA members and users of the Lab in the AIR space; - 4 creative workshops (thecamp, Fab&Co, GPM, Eaux de Marseille, PACA Region); - prototypes of services and tools. We prototyped connected hives through dedicated programs (SEM Cité des Arts de la Rue/thecamp/ Ecole de la Duranne), wearables, pulse app, transaction schemes. - target and stakeholder mapping using DSM tools; - an extensive testing and improving phase during which the DIAMS concept was presented to stakeholders. We held about 10 dedicated meetings, and the project was included in the agenda of the Air PACA General Assembly. Feedback was taken into account in an iterative way.
C.2.4 Involvement of wider stakeholders in project implementation	Stakeholders involvement is a key strategy of the implementation plan, and supported by a set of dedicated processes: - a communication plan (WP4) to raise the city awareness about the project; - a dedicated engagement program (WP5) to involve stakeholders in the project.
implementation	(2) The implementation plan makes use of innovative experimental processes to ensure that the resulting program will be fully "citizen-driven". Every Work Package includes design workshops, the implementation of participative tools, feedback tracking and monitoring. Moreover, DIAMS development is driven by an engagement program relying on the creation of a networks of contributors - either citizens or organizations. (3) Stakeholders engagement is mapped and analyzed using SNA tools (WP4 and WP5) (4) The implementation plan includes actions that involve specific stakeholders: (1) the contributors network is built from territorial strategic nodes (WP5); dedicated stakeholders (schools, Grand Port Maritime de Marseille, EUROMED, Pôle Industriel de Fos) agreed to join the program as first contributors. (2) thecamp has been quite involved in the design of DIAMS; they will contribute to the constitution of the operating system (WP4). Specifically: - WP3 includes design events to promote stakeholders engagement and the promotion of their contributions through the co-building of promotional materials. - WP4 includes workshops and the creation of a multi-stakeholders structure. - WP5 is dedicated to the deployment of the DIAMS engagement program and strongly relies on stakeholders contributions. Specific stakeholders have agreed to be the first contributors. Stakeholders engagement will be mapped. - WP6 includes design sprints in which stakeholders will be involved. All developments will use agile methods. - WP7 is necessarily built with stakeholders, as it is concerned with the elaboration of pertinent business and transactions models. It includes workshops, consultations and testing phases.
C.3 Project objectives, results and outputs	
C.3.1 Overall objectives and expected results (changes in the local situation)	
PROJECT main objective(s) PROJECT main result(s)	The projects aims to demonstrate that by shaping citizen-driven air policies, based on the deployment of an air-as-a-service open-source platform, adequate business models and experimental engagement programs, efficient action plans can be implemented, that improve air quality while creating economic and social value. The specific objectives of DIAMS are as follows: (1) Perception: Improve air quality information and produce high quality, detailed and adaptive air quality data; promote technical compatibility. This is achieved by the deployment of a sensor and actuator platform, AI analysis tools, the diffusion of co-designed sensor kits (ind. wearables) and the creation of a network of data-contributors. (2) Balance: Enable fluid territorial and air quality data exchange between the main air policies stakeholders by promoting integrated services and collaborative processes. This is achieved by the deployment of a territorial data interface; cloud-based conceptual tools; environmental performance analysis and apps; (3) Creation: Tap on the citizens and private sector's creativity and expertise to co-develop and implement innovative solutions for air quality; promote the creation of innovative environments, involve extraordinary skills, create economic value. This is achieved by the deployment of open innovation tools and processes, the co-elaboration of business models, ind. a data monetization framework, and the creation of a network of contributors ("architects" and "makers"). (4) Motion: Delivering personalized and adaptive information to all stakeholders to promote awareness, engagement and create social value. This is achieved by the deployment of a services interface (apps open library) and the flagship DIAMS program which result in a citizen-driven annual air quality plan. (5) By pursuing these objectives, we will ultimately improve air quality in the City. The expected results of the project are as follows: (1) Perception: easy integration of a significative number of sensors data, provided by a variety of sensor companies, resulting in a more accurate information on air quality levels and a resulting exposure; increased interoperability as measured by H2020 CITYkeys indicators for smart city; and the protection of private data. (2) Balance: Environmental policies and services will be citizen-driven and integrated; digital services will be integrated - managed by the core business, and not siloed in IT; the City will establish a team with modern skills and support an agile development culture. (3) Creation: an ecosystem of innovative contributors will be created, which will actively contribute to air quality plans, including extraordinary professionals that would normally not be contacted. This will result in the creation of tangible economic value creation. (4) Motion: the program will result in drastically improved awareness and engagement in air related issues and actions, and the promotion of social and cultural inclusiveness. (5) Environmental Performance: the project will contribute to the regulatory attainment of air pollution levels and the diminution of exposure to air pollutants.
C.3.2 Outputs	

Work package	Output Number	Project output	Target value of project expected output(s)
WP.4 Governance	O 4.1.1	Strategy policies for the development of DIAMS	4
	O 4.2.1	Operational Structure	1
	O 4.3.1	DIAMS performance Index	1
	O 4.3.2	Progress and performance operating evaluation system	1
	O 4.3.3	Index based evaluation reports	2
WP.5 DIAMS Engagement Program	O 5.1.1	Program Resources	60
	O 5.1.2	Core contributors teams	350
	O 5.2.1	Teams of DIAMS contributors	1500
	O 5.2.2	Program resources	1000
	O 5.3.1	DIAMS Teams contributions	80
	O 5.3.2	Daily Data collected by the contributors	100000
	O 5.3.3	Citizen-driven annual city air quality plan	2
	O 6.1.1	System architecture	1
	O 6.2.1	Sensor acquisition interface	1
	O 6.2.2	Assimilation/aggregation algorithms	2
WP.6 Platform Development	O 6.3.1	APIs for platforms communication and data exchange	4
	O 6.3.2	Cloud based conceptual analysis tools	6
	O 6.4.1	Open data portal	1
	O 6.4.2	Open innovation portal and app	2
	O 6.4.3	Participatory Democracy tools	3
	O 6.4.4	Data private management tools	1
	O 6.5.1	Pulse app	1
WP.7 Business Models	O 6.5.2	air quality digital services	8
	O 7.1.1	Value Case Analysis.	1
	O 7.2.1	Monetization framework	1
	O 7.3.1	Licensing agreements	4

C.3.3 Measurement of results

Measurement of results To reach our goal of creating a user-focused culture dedicated to developing a continuous cycle of service improvements, we'll need to make a lot of changes. Measuring progress is a key project activity, and, in line with our experimental approach, will mature over time and will ultimately be defined and owned by all stakeholders. A dedicated task is included in WP4. However, we identified a core set of indicators that will be used to assess progress, together with target values:

(1) Perception:
 Sensor data: (1) number of sensor records/ day (air quality, emissions and exposure) - target: 300 000, (2) number of sensor companies - target: 8
 Data quality: (1) spatial resolution (m) - target: 10m (2) temporal resolution - target: real time (3) QA/QC - target: comprehensive framework to be implemented.
 Interoperability: H2020 CITYkeys interoperability indicator - target: 4
 Personal Data protection: H2020 CITYkeys data privacy indicator - target: 5

(2) Balance:
 STAR-Communities indicators IP -1a: Comprehensive Planning, -1b: Public Engagement, -1c: Codes & Ordinances - target: adoption of all best practices.
 Integration: number of City air policies actions integrated in other policies and programs - target: 20.
 Skills: H2020 CITYkeys data Balanced project team indicator - target: 5
 Agility: Number of components developed through Agile methods - Target: 15

(3) Creation:
 Number of mature projects proposed for the inclusion in air quality plans/ yr - target: 30
 Number of start-ups resulting from project - Target: 10

(4) Motion
 Number of engaged contributors - Target: 1000
 Percentage of people in the target groups that have been reached and/or are activated by the project (%) - Target: 70%
 H2020 CITYkeys interoperability participation of vulnerable groups indicator - Target: 5

(5) Environmental Performance
 Exceedance of air quality limit values in urban areas (EEA Indicator) - Target: no exceedance of AQ limit values
 Population weighted exposure to PM_{2.5} - Target: -20%

C.3.4 Methodology for monitoring and measurement of outputs and results

Methodology for monitoring and measurement of outputs and results

A mature framework for monitoring performance and impact will be designed and deployed as part as the WP4. The Core Indicators will be measured as follow:

- (1) Perception:
Sensor data: Connections to the sensor platform and survey
Interoperability and Personal data protection: derived from project documentation.
- (2) Balance
STAR-Communities indicators IP -1a: Comprehensive Planning, IP -1b: Public Engagement, IP -1c: Codes & Ordinances : project documentation and interviews
Integration: number of City air policies actions integrated in other policies and programs : documentation and interviews
H2020 CITYkeys data Balanced project team indicator: project documentation and/or interviews
Agility: Number of components developed through Agile methods : project documentation
- (3) Creation:
Number of mature projects proposed for the inclusion in air quality plans/ yr : project documentation and interviews
Number of start-ups resulting from project: survey
- (4) Motion
Number of engaged contributors: project documentation and interviews
Percentage of people in the target group that have been reached and/or are activated by the project (%): survey (lean data program)
H2020 CITYkeys interoperability participation of vulnerable groups indicator: survey (lean data program)
- (5) Environmental Performance
Exceedance of air quality limit values in urban areas (EEA Indicator): Air PACA reporting under 2008/50/EC requirements
Population weighted exposure to PM2.5 : modeling

C.3.5 Target groups

Target Groups

In dealing with public health issues (air pollution exposure), we are necessarily concern with all the Metropole residents. They will obviously benefit from a better quality: the population exposure to PM2.5 is expected to decrease by

The project also focuses on specific target groups that will actively contribute and benefit from the project:

- school children and students are targeted priorities - DIAMS provides access to educational resources, including experimental programs; opportunities to develop new skills or make the most of their talents through the participation in workshops, events and peer to peer programs; opportunities to meet prospective employers or mentors. We intend to reach 150 000 individuals.
- entrepreneurs (SMEs, makers, creatives) will actively contribute to the project and benefit from it through business opportunities and ultimately economic gains. We expect to reach 500 entrepreneurs.
- community leaders and volunteers will be involved (1500); DIAMS will offer opportunities to increase their impact and leverage their actions;
- The Grand Port Maritime de Marseille and EUROMED are identified as strategic territorial nodes (35 000 residents). DIAMS is supported by the Smart Port Program, and joint actions will be developed.
- Industrial hubs have also been identified as strategic territorial nodes (30 companies reached); they intend through their contribution to improve their environmental performance: they benefit from the program in the same way the Metropole does, by gathering data, ideas and skills and by fostering constructive stakeholder exchanges.
- Digital and communication companies will be solicited to assist with the platform development. At least 3 partnerships will be established.
- Civil servants involved in the project will also hopefully benefiting from it: they will have to opportunity to develop new skills, experiment with new methods,, find a new existing meaning to their mission and gain accrued public recognition.

C.4 Project Project scaling up and transferability

C.4.1 Scaling up of the project

Scaling up of the project

DIAMS has been designed with scaling up in mind; the key factors for a successful scaling up have been identified:

- (1) First of all, the project needs to work, and be seen to work. We know that this will be the result of a lot of improvement and adaptation: that is why DIAMS is built around iterative and adaptive experimental processes. To ensure the project visibility, we aim, through a well designed evaluation system and performance tools to build evidence and show the benefits/savings it can achieve. Digital communication, events, and the "social network" nature of the program are also strongly helping to advocate the project.
 - (2) There needs to be a demand: enough people and organisations willing and able to pay for it or support it. In the preparation phase, we consulted with the Region and other major local cities, who shared our diagnostic and expressed a strong interest for the project. Also, DIAMS resulting air policies are integrated: this means that both the resulting actions and the structural framework will be implemented or adopted in supra-territorial policies, allowing for a natural dissemination of the project.
 - (3) DIAMS need to be technically able to grow. Both the platform and the program are based on a network structure, allowing for easy growth in a cellular way.
 - (4) Scale always requires more capital. To ensure growth capability, we chose to set up a multi-stakeholders operating structure that can easily adapt to scaling up, and to elaborate business models and financing schemes.
- Since the DIAMS platform is a node of the territorial data infrastructure, it will from the start linked to wider territorial data hubs. During the implementation phase, we will work with the PACA Region to prepare for the regional deployment of the project, that should be effective in 2022. The contributor network growth is expected to mirror those of social networks: it will likely spreads over the Metropole boundaries before the end of the implementation phase.

C.4.2 Transferability of the project: evidence of demand for your project in other cities

Transferability of the project: evidence of demand for your project in other cities

The benchmark conducted during the preparation phases, as well as on-going exchanges with other urban authorities showed that our diagnostic was widely shared, even though the digital transformation maturity varies widely among European cities. Following is an analysis of the success factors for the transferability of the project:

- (1) Social compatibility (How does the solution fits with people's "frame of mind" and challenge people's values or the ways they are used to do things). This can broadly vary depending on the digital maturity of cities: DIAMS is more likely to be transferred to digital advanced cities with existing frameworks. However, the cultural drivers and consumer trends resulting from the digital revolution and at the heart of DIAMS design are widespread.
- (2) Technical compatibility: the adoption of interoperability standards, open-source solutions and the drafting of clear requirements ensure that the technical compatibility of the project is maximum.
- (3) Ease of use for end users: the adoption of design thinking processes and UX sprints aims at making the solution easy to understand and use.
- (4) Ease of use for professional stakeholders: by involving professional stakeholders at the forefront of the project, creating specific frameworks including pertinent business models, DIAMS aims to facilitate adoption by professional stakeholders.
- (5) Triability: The solution has a high opportunity as it can be quite easily implemented on a limited basis at the local context, with limited resources.
- (6) Visibility of results: through the implementation of a robust and multi-media communication plan, including bold dissemination activities, the results of the project are being made highly visible to external actors. The Metropole plans to launch the creation of a "Mediterranean Cities for Air", linked to and relayed by existing cities networks, such as URBACT of C40 cities (WP3).

C.5 References

C.5.1 References of the project

References

www.air-diams.eu: a storytelling animation presenting DIAMS, used to communicate with stakeholders.

Part D - Work plan

WP Nr.	Title	Work package type	Start date	End date
1	Preparation	Preparation	12/2017	10/2018
2	Project Management	Project Management	11/2018	10/2021
3	Communication	Communication	11/2018	10/2021
4	Governance	Implementation	11/2018	10/2021
5	DIAMS Engagement Program	Implementation	12/2018	10/2021
6	Platform Development	Implementation	11/2018	10/2021
7	Business Models	Implementation	07/2019	06/2021
8	Closure and knowledge transfer	Closure	11/2021	10/2022

Number	WP Title	Start Date	End Date	WP budget
1	Project preparation	15/12/2017	31/10/2018	20,000.00

Partners' involvement

WP responsible partner Aix Marseille Provence Metropole (AMP Metropole)

Summary

Preparation and submission of the application form

Work Package Budget

Partner name	Staff cost (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and construction works (€)	Sub-Total (€)	Revenues (€)	Total (€)
Aix Marseille Provence Metropole (AMP Metropole)	0.00	0.00	0.00	20,000.00	0.00	0.00	0.00	0.00	20,000.00

Work Plan Per Work Packages - WorkPackage 2 (Project Management Work Package)

Title	Project management
Start Date	01/11/2018
End Date	31/10/2021
Budget	401,920.00

Partners Involvement

Responsible Partner	PP 1 - Aix Marseille Provence Metropole (AMP Metropole)
Involved Partners	PP1 - Aix Marseille Provence Metropole (AMP Metropole) PP2 - Air PACA PP3 - ARIA Technologies PP4 - A Lab in the AIR PP5 - Mobigreen -La Poste PP6 - Matrice PP7 - L'Air et Moi PP8 - Groupe Tera PP9 - AVITEM

Summary	The main project sponsor is AMP European Relations manager. The AMP sponsor is responsible for the project in which he/she is assisted by a full-time Project Manager (PM) and project team. The governance of the project is organized at two levels. At strategic level, a steering committee, composed of senior staff of AMP Metropole (EU Relation, DGA Environnement, Communication), PM Manager and financial manager (Air PACA) will meet quarterly to make strategic decisions and provide oversight. At operational level, work packages are organized in a functional structure. Therefore, an operational committee, composed of PM, financial manager, managers from all delivery partners and work packages, and members of AMP, will meet bi-monthly to review performance and make operational decisions. The operational team will integrate feedback and recommendation from Air PACA that serves as an external evaluator throughout the project. This structure allows for autonomy, coordination and accountability. The project management team is composed of staff from a Lab in the AIR and AMP. The PM will be supported by a sub-contracted project team comprised of a coordinator, an administrative assistant and a financial manager for daily operational follow-up. The Metropole EU Relations will share personnel on EU reporting and financial auditing to guarantee the quality of reports to be shared with UIA experts.
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Activities and Deliverables

Activity number	Activity title	Activity description and partners involved	Start date	End date
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A2.1	Project Coordination/ Leadership		Strategic governance will be led by the Metropole EU relations manager (project sponsor). It will be the decision-making organ for structuring points or providing oversight. AMP EU sponsor will chair steering committees that meet on quarterly basis; however, any urgent decisions can be escalated to the committee as needed. Ad hoc meeting can be called to arbitrate on issues or risks that the operational committee is unable to resolve. The Delivery Partner Air PACA will intervene to provide feedback on their observations and recommendations on DIAMS objectives. The PM team will collect information from the operational team and prepare reports for the committee. A Lab in the AIR will facilitate these committees and prepare minutes.		Start date	End date
					01/11/2018	31/10/2021
D 2.1.1	Deliverable number	Deliverable and partners involved		Target value	Delivery date	
	Title	Steering committees				
D 2.1.1	Description	AMP European Relations manager will select the steering committee members and put together by-laws and key decision making processes to run the steering committees. Steering committee members will include project manager, financial manager and key personnel from each work package. Steering committees will be prepared and facilitated by the project manager and his team.		Target value	Delivery date	
				12	31/10/2021	
D 2.1.2	Title	Meeting minutes		Target value	Delivery date	
	Description	Air PACA will animate the steering committee, take notes and provide meeting minutes.		12	31/03/2021	
D 2.1.3	Title	Project Reports		Target value	Delivery date	
	Description	Project Manager team will prepare reports for the steering committee on strategic issues, operational performance and key metrics.		12	31/10/2021	

A2.2	Operational Governance and monitoring	Project manager will chair the operational committee meetings. Operational committees will meet on a bi-monthly basis. Each delivery partner is responsible for producing its own regular project status report in compliance with project policies. Project management team in collaboration with operational managers will prepare progress status reports that would include operational status, issues, key performance metrics and a review of commercial mobility offers and their adoption. Operational committee will control overall project activities progress, deliverables (on time and quality), budget consumption as well as monitoring project risks. A shared dashboard will be used to ensure coordination across operational teams and managers.	Start date	End date
			01/11/2018	31/10/2021

Deliverable number	Deliverable and partners involved		Target value	Delivery date
	Title	Operational reports		
D 2.2.1	Description	operational managers. They will be organized and facilitated by the project management team. They will present quantitative and qualitative dashboard, overall and for each partner. They may include activities progress vs plan, man days consumptions vs plan, follow-up on deliverables produced. Following every committee meeting, an operational report is prepared and sent to steering committee members including Air PACA for evaluation.	Target value 72	Delivery date 31/10/2021
	Title	Project Committee user guide		
D 2.2.2	Description	A user guide will be prepared and shared with all partners regarding operational and administrative tasks and indicators to be produced on a regular basis. Templates will be provided to guarantee a harmonized presentation and facilitate consolidation of data.	Target value 1	Delivery date 31/12/2018

A2.3	UIA reports, financial reporting and External Audit		Dedicated and experienced staff from the Metropole EU Relations departments will ensure the qualitative and accurate UIA reports and financial reporting, consolidated for all partners, as well as the coordination of external auditing for all delivery partners. The team will be assisted by a financial manager from Air PACA. To facilitate the financial consolidation and analysis, the project team will prepare at the beginning of the project a user guide for project financial policies, milestones and deadlines. Also, to guarantee regular bottom-up feedbacks, each delivery partner has allocated management time for this task.	Start date	End date
				01/11/2018	31/10/2021
	Deliverable number	Deliverable and partners involved		Target value	Delivery date
		Title	Financial dashboards		
	D 2.3.1	Description	Financial dashboards will be consolidated by the project management team. They may include indicators such as: actual expenses vs plan broken down by partner and work package, time and travel expenses tracking. They will be presented in project committees.	Target value 72	Delivery date 31/10/2021
		Title	UIA Reports		
	D 2.3.2	Description	UIA reports, including financials, will be prepared and supervised by the experience Metropole staff from EU Relations department. Intermediary reports will be produced during the year according to UIA calendar. A final (closing) report will be produced at the end of the project.	Target value 12	Delivery date 31/10/2021
		Title	Financial policies and user guide		
	D 2.3.3	Description	Financial policies and user guide will be produced in the early stages of the project to clarify expectations, procedures, responsibilities, calendar deadlines and milestones. It will be shared with all delivery partners.	Target value 1	Delivery date 31/10/2021

Work Package Budget

PP1 - Aix Marseille Provence Metropole (AMP Metropole)	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	10,5 PM/ PMcost : 6000€/mths	N/A	Travels foreseen on : A2.2 - Operational Governance and monitoring A2.3 - Documentation (Data store - methode open base) / theory and technic with a global amount of 35K€	Reporting				
Amount (€)	63,000	9,450.00	35,000	30,000	0	137,450.00	0	137,450.00
PP2 - Air PACA	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	8,1 PM - 7000€/PM medium real cost	N/A	0	0	0			
Amount (€)	56,700	8,505.00	0	0	0	65,205.00	0	65,205.00
PP3 - ARIA Technologies	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	2 PM: 1 PM Documentation (Data store...) + 1 PMReporting	N/A						
Amount (€)	18,000	2,700.00	0	0	0	20,700.00	0	20,700.00
PP4 - A Lab in the AIR	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	3,7PM: operational governance and Reporting	N/A	Costs of travels for governance committees, reporting					
Amount (€)	21,600	3,240.00	3,000	0	0	27,840.00	0	27,840.00
PP5 - Mobigreen -La Poste	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	1,45PM: reporting and operational governance cost of PM: 8000€/PM	N/A	Partners meeting for 3 years from Paris to Marseille					
Amount (€)	11,600	1,740.00	3,000	0	0	16,340.00	0	16,340.00

PP6 - Matrice	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	4,9PM: Reporting and participation to operational governance : participation to partners meeting cost of 1 PM(real cost median) : 10000€/PMgross + charges	N/A	Participation to partners committee and reporting from Paris to Marseille : travel, accomodation and lunches					
Amount (€)	48,500	7,275.00	5,000	0	0	60,775.00	0	60,775.00
PP7 - L'Air et Moi	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	1,1 PM staff cost 4000€/1 PM	N/A	Participation to partners committee and reporting : travels					
Amount (€)	4,400	660.00	2,000	0	0	7,060.00	0	7,060.00
PP8 - Groupe Tera	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	0.9 PM staff cost : 6000€/PM	N/A	Participation to partners meeting in operational governance					
Amount (€)	5,400	810.00	1,000	0	0	7,210.00	0	7,210.00
PP9 - AVITEM	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	5 PM cost 11 400€/PM (directors) and 6000€/PMsenior staff	N/A						
Amount (€)	51,600	7,740.00	0	0	0	59,340.00	0	59,340.00
Total (€)	280,800.00	42,120.00	49,000.00	30,000.00	0.00	401,920.00	0.00	401,920.00



Indicative budget breakdown per year

Year	2018	2019	2020	2021	Total
Amount (%)	1 %	33 %	33 %	33 %	100.00 %
Budget (€)	4,019.20	132,633.60	132,633.60	132,633.60	401,920.00

Work Plan Per Work Packages - WorkPackage 3 (Communication Work Package)

Title	Communication
Start Date	01/11/2018
End Date	31/10/2021
Budget	622,538.00
Partners Involvement	
Responsible Partner	PP 1 - Aix Marseille Provence Metropole (AMP Metropole)
Involved Partners	PP1 - Aix Marseille Provence Metropole (AMP Metropole) PP2 - Air PACA PP3 - ARIA Technologies PP4 - A Lab in the AIR PP5 - Mobigreen - La Poste PP6 - Matrice PP7 - L'Air et Moi PP8 - Groupe Tera PP9 - AVITEM
Summary	The AMP Metropole will lead the Communication Work Package that will run throughout the three years of the project. A multi-media approach is deployed, with a strong emphasis on participative events, digital communication and the mobilization of the makers movement. - A dedicated space will be created, that will be opened for all. It will promote the visibility of the project, and foster the development of engaged communities. - Major Events promote cohesion through the sharing of a common vision and positive experience; it is also a good way to raise awareness and promote the project initiative - Workshops, Hackathons and Makhatons contribute to a creative environment and promote ideas and prototypes generation. It also provides participants with the opportunity to learn new skills through peer-to-peer exchanges. - Digital communication enables fluent exchanges of informations and ideas and contribute to the mobilization of communities. With the use of social networks and digital services everyone can play a role and regain power. Digital communication is one of the foundation bricks of the DIAMS project. - Promotional material, co-designed and built by contributors, will help raise awareness and will create a binding sense of belonging. A number of communication actions are linked to implementation workpackages: stakeholders and experts workshops (WP4 and WP7), Community Engagement Events (WP5), DIAMS Program bi-annual congress (WP5), digital tools (WP5, WP6).
Communication objective	The objectives are to (1) engage stakeholders and raise awareness at local level in order to maximize the environmental, social and economic impact of the project (2) engage stakeholders at national and European levels, with a co-innovation approach in order to facilitate the transferability of the project. A special "DIAMS for Mediterranean Cities" program will be launched by AMP.
Target groups	The target groups are: - Actual or potential DIAMS contributors (cf. WP5), as described in the stakeholders analysis - Actual or potential DIAMS partners outside the experiment area: other national or international local governments, projects leaders, peer-producers.

Activities and Deliverables

Activity number	Activity title	Activity description and partners involved	Start date	End date
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A3.1	DIAMS Living Lab	A "DIAMS living Lab" space will be created in the premises of the Lab in the AIR headquarters. It will host exhibitions, events, provide resources (documentation, materials, digital fabrication tools, computers) and dedicated staff. It will be designed so visitors can either rest and talk or work creatively together. The DIAMS space will be opened to the general public, half-a-day every week. It will be run by A Lab in the AIR	Start date	End date
			01/01/2019	30/10/2021

Deliverable number	Deliverable and partners involved		Target value	Delivery date
D 3.1.1	Title	DIAMS Living Lab	Target value	Delivery date
	Description	Creation of a dedicated space operated by A Lab in the AIR	1	29/10/2021

A3.2	Publications		A number of dedicated publications will be produced and circulated.		Start date	End date
					02/01/2019	29/10/2021
	Deliverable number	Deliverable and partners involved			Target value	Delivery date
	D 3.2.1	Title	Booklets			
		Description	DIAMS program illustrated booklets (in paper and digital format) will be created by A.Lab in the AIR and AMP			4
	D 3.2.2	Title	Newsletters			
		Description	A Newsletter (in paper and digital format) will be published every two months by A.Lab in the AIR and AMP			18
	D 3.2.3	Title	Toolkits			
		Description	DIAMS programs playbooks and handbooks will be published by A.Lab in the AIR (cf. WP5)			4

A3.3	Digital activity	Digital activity is a fundamental brick of the project. We will create an official webpage to showcase the project, and relay live news from our events or our project user experiments on social media, through a SM platform management tool (at least bi-monthly posts). Videos and photos of the "making of" the project will be regularly posted. The posts will appear on the official webpage. Number of dedicated apps and digital services will be developed during the implementation phase (WP 5 and WP6). Contents will be produced by all partners and DIAMS contributors. A Lab in the AIR will coordinate digital activities.			Start date	End date	
					01/11/2018	29/10/2021	
	Deliverable number	Deliverable and partners involved			Target value	Delivery date	
		Title	web site				
	D 3.3.1	Description	Create a DIAMS webpage: This webpage will frequently provided updated information on project keylearnings and major milestone updates and news. It will be linked to the DIAMS platform			Target value	Delivery date
						1	24/12/2018
		Title	DIAMS app			Target value	Delivery date
	D 3.3.2	Description	ADIAMS app will be developed for the DIAMS program (cf. WP5)			1	30/04/2019
		Title	Social Networks and CommunityManagement			Target value	Delivery date
	D 3.3.3	Description	Dedicated accounts will be created on major Social Networks (Facebook, Twitter, Instagram, LinkedIn, etc.) and regularly fed by a community manager. It will be linked with the Community Management tools of the DIAMS platform			6	29/10/2021

A3.4	Public events		- Major Events include the DIAMS program launching event and bi-annual congresses, and the DIAMS for Mediterranean Cities event. - Workshops, Hackathons and Makhatons are organized to support the DIAMS program	Start date	End date
				01/11/2018	29/10/2021
	Deliverable number	Deliverable and partners involved		Target value	Delivery date
		Title	Workshops		
	D 3.4.1	Description	Workshops, Hackathons and Makhatons and community events are organized as part of the DIAMS program (see WP5). Events will be organized with the support of local fablabs, who will contribute to host them.	Target value 30	Delivery date 29/10/2021
		Title	DIAMS program events		
	D 3.4.2	Description	A Launching 24-hrs Event , "Air24", will be organized by TERA, Air PACA and A Lab in the AIR on the premises of the camp. An "Air Camp" will host hackathons and mackathons for the prototyping of the program initial kits and app (cf. WP5) Bi-annual DIAMS congresses will be organized by AMP (see WP5).	Target value 5	Delivery date 29/10/2021
		Title	DIAMS for Mediterranean Cities		
	D 3.4.3	Description	The AMP will organize a major congress towards the end of the project to share the DIAMS experience with other Mediterranean Cities, and help disseminate the initiative.	Target value 1	Delivery date 22/09/2021

A3.5	Promotional material		Promotional material, co-designed and built by contributors, will help raise awareness and will create a binding sense of belonging.	Start date	End date
				02/01/2019	29/10/2021
	Deliverable number	Deliverable and partners involved		Target value	Delivery date
		Title	Sensor kits		
D 3.5.1				Target value	Delivery date
	Description	Sensor kits and wearables will be co-designed by the contributors (cf. WP5). These kits will be lent to contributors against a deposit.		1,000	29/10/2021
D 3.5.2		Title	Connected hives		
	Description	Connected hives kits (see bee-to-bee in WP5) will be made available at a price.		20	29/10/2021
D 3.5.3		Title	DIAMS by-products		
	Description	Selected products (kits, art creations) co-produced by DIAMS contributors will be made available		20	29/10/2021

A3.6	Media relations	The Metropole Press Relations service will be in charge of preparing press kits (5-10) at key milestones. A list of web or paper journalists potentially interested by DIAMS will be constituted to ensure a follow-up. We aim at identifying 10 local, 10 national and up to 20 specialized or European journalists. The press kits will be relayed by the partners.		Start date	End date
				01/11/2018	31/10/2021
	Deliverable number	Deliverable and partners involved		Target value	Delivery date
		Title	Press Kits		
	D 3.6.1	Description	Press kits will be prepared for: - DIAMS launching event Air24 - For the DIAMS congresses - For the DIAMS for Mediterranean Cities event	Target value 10	Delivery date 31/10/2021

Work Package Budget

PP1 - Aix Marseille Provence Metropole (AMP Metropole)	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	10 PM staff cost : 6000€/PM Leader on this WP, on : A3.2 Publications A3.3 - Digital Activity A3.4 Public Events A3.5 Promotional material A3.6 - Media Relations A3.7 - Final Dissemination	N/A	Travels about communication : public events, etc.	Communication expertise (publication, graphism...) and costs of events organization				
Amount (€)	60,000	9,000.00	5,000	100,000	0	174,000.00	0	174,000.00
PP2 - Air PACA	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	4,5 PM Staff cost of 2 categories : 8000€/PM and 5000€/PM directors and project manager	N/A	public events accommodation and travels	20K€ digital activities : external expertise : maintenance of digital communication (website, social media...)				
Amount (€)	25,200	3,780.00	5,000	20,000	0	53,980.00	0	53,980.00
PP3 - ARIA Technologies	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	4 PM cost : 9000€/PM on Final Dissemination activity	N/A						
Amount (€)	36,000	5,400.00	0	0	0	41,400.00	0	41,400.00
PP4 - A Lab in the AIR	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	8,7 PM 6000€/PM : coordinator Lab	N/A	public events accommodation	15000 : digital activities external expertise				
Amount (€)	52,200	7,830.00	3,000	15,000	0	78,030.00	0	78,030.00
PP5 - Mobigreen -La Poste	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	4,5 PM 8000€/PM A3.4 Public Events : workshops + Events	N/A	public events travels, accommodation and lunches					
Amount (€)	10,800	1,620.00	3,000	0	0	15,420.00	0	15,420.00

PP6 - Matrice	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	A3.3 - Digital Activity A3.4 Public Events : workshops + Events 8,7 PM 10 000€/PM	N/A	32K€ * 2 : immersion students : workshops : 20 students during 3 weeks and 4 staff costs accommodation, lunches, travel, Paris Marseille 5K€ direction staff : for final dissemination activity					
Amount (€)	87,000	13,050.00	69,000	0	0	169,050.00	0	169,050.00
PP7 - L'Air et Moi	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	Final dissemination activity 1,5 PM / 4000€/PM and start up activities : 1,5 PM 4000€/PM	N/A						
Amount (€)	12,000	1,800.00	0	0	0	13,800.00	0	13,800.00
PP8 - Groupe Tera	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	A3.1 - Start up activities A3.3 - Digital Activity staff cost : 6000€/PM 2,82 PM	N/A						
Amount (€)	16,920	2,538.00	0	0	0	19,458.00	0	19,458.00
PP9 - AVITEM	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	A3.2 Publications A3.3 - Digital Activity A3.4 Public Events : workshops + Events A3.6 - Media Relations A3.7 - Final Dissemination activity 4,5 PM 8000€/PMmedian	N/A	participation to public events					
Amount (€)	36,000	5,400.00	16,000	0	0	57,400.00	0	57,400.00
Total (€)	336,120.00	50,418.00	101,000.00	135,000.00	0.00	622,538.00	0.00	622,538.00



Indicative budget breakdown per year

Year	2018	2019	2020	2021	Total
Amount (%)	0 %	30 %	35 %	35 %	100.00 %
Budget (€)	0.00	186,761.40	217,888.30	217,888.30	622,538.00

Work Plan Per Work Packages - WorkPackage 4 (Implementation Work Package)

Title	Governance
Start Date	30/11/2018
End Date	29/10/2021
Budget	323,518.00
Partners Involvement	
Responsible Partner	PP 1 - Aix Marseille Provence Metropole (AMP Metropole)
Involved Partners	PP1 - Aix Marseille Provence Metropole (AMP Metropole) PP2 - Air PACA PP4 - A Lab in the AIR PP5 - Mobigreen -La Poste PP6 - Groupe Tera PP9 - AVITEM
Summary	The transformations brought about by DIAMS constitute a complex process requiring the involvement of the Metropole, as well as the ICT sector and society. The process must have a specific form of governance so that it can meet its objectives and keep to the established schedule. Several mechanisms will be used for the governance of this process including (1) the elaboration of clear policies that set the programme principles, define the main standards and give guidelines for the core areas in the programme (2) the establishment of an efficient and sustainable governance structure that allow for a strong leadership, collaborative processes and the strong involvement of stakeholder and (3) a pertinent monitoring and evaluation system which will allow for the measurement of progress and impact and will be used to continuously improve the programme.

Activities, Deliverables and Outputs

Activity number	Activity title	Activity description and partners involved	Start date	End date
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A4.1	Strategic & requirement documents	DIAMS development is defined by a set of documents that define the main standards and give guidelines for the core areas in the programme. The elaboration of these documents will involve policy makers, wider stakeholders and targeted experts through a series of dedicated workshops. The AMP naturally leads this activity, as the documents are a reflect of its engagement and strategy. It is assisted by experts from Air PACA and a Lab in the AIR, who animates the workshops, contribute their knowledge and mobilize their networks. MATRICE adds an innovative orientation to the process by bringing top politic sciences and computer science students to the workshops . Groupe TERA contributes to the workshop as user.			Start date	End date
			01/12/2018	29/11/2019		
	Deliverable number	Deliverable and partners involved			Target value	Delivery date
		Title	Vision and strategy workshops			
	D 4.1.1	Description	Thematic workshops (digital transformation, data, technologies, skills, procurement rules) involving policy makers and stakeholders (max of 15/ workshop) Partners involved: AMP, A Lab in the AIR (animation), MATRICE (students input, users requirements), Groupe TERA (users requirements)			Target value 8 Delivery date 31/05/2019
		Title	Experts workshops			
	D 4.1.2	Description	Thematic workshops (digital transformation, data, technologies, skills, procurement rules) involving policy makers and experts (max of 10/ workshop)			Target value 6 Delivery date 31/05/2019
		Title	DIAMS Digital plan			
	D 4.1.3	Description	The Digital Plan outlines the strategic orientations and principles governing the DIAMS program and sets out criteria to help the Metropole create and run good & agile environmental digital services. Partners involved: AMP (leader), A Lab in the AIR (synthesis and drafting).			Target value 1 Delivery date 29/11/2019
		Title	DIAMS Data policy			
	D 4.1.4	Description	The Data Policy outlines the Metropole approach to handling air quality-related data with ownership, privacy, sovereignty and ethical use & innovation at the core. Partners involved: AMP (leader), Air PACA (expertise and drafting), A Lab in the AIR (synthesis and drafting).			Target value 1 Delivery date 29/11/2019
		Title	DIAMS Technology Code of Practice			
	D 4.1.5	Description	The Code of Practice sets out criteria to help select appropriate open technologies and define the commitments to open source software, open standards, interoperability, security and transparency. Partners involved: AMP (leader), Air PACA (expertise and drafting), A Lab in the AIR (synthesis and drafting), Urban Wave (expertise and drafting).			Target value 1 Delivery date 29/11/2019
		Title	Procurement Policies			
	D 4.1.6	Description	The Procurement Policies outlines the Metropole approach and standards for buying agile and innovation services from pre-evaluated suppliers. Partners involved: AMP (leader)			Target value 1 Delivery date 29/11/2019
	Output Number	Project output			Target value	Delivery date
		Title	Strategy policies for the development of DIAMS			
	O 4.1.1	Description	Strategic Policies Requirements specification documents which capture standards, data models technological requirements, as well as users and systems requirements .			Target value 4 Delivery date 29/11/2019

A4.2	Legal and operational structure		in order to successfully run the DIAMS, we need to rely on a team that helps build accessible and intuitive digital services in a citizen-driven way. To do so, the Metropole must rethink the way it works and share resources and skills with other stakeholders, while maintaining a strong leadership. This is why a dedicated operational structure will be created, who will (1) develop and maintain the platform, using modern practices to meet the needs of consumers and ensure a constant state of improvement (2) consult with the Metropole staff and other stakeholders to share best practices (3) run the engagement program. This activity will be undertaken by the AMP, together with a Lab in the AIR and the camp which will carry the structure.	Start date	End date
				30/11/2018	14/06/2019
	Deliverable number	Deliverable and partners involved		Target value	Delivery date
		Title	Legal, operational and financial assessment and detailed business plan		
	D 4.2.1	Description	The business plan specifies the mission and activities of the structure, the operational requirements and associated costs, its revenue sources, and financial analysis. Its legal form must be aligned with its mission, and governance aspects must be thoroughly analyzed. A draft of the BP will be prepared by a Lab in the AIR, then reviewed and approved by the AMP.	Target value	Delivery date
				1	30/04/2019
		Title	Structure statutes		
	D 4.2.2	Description	The structure statutes will be established by the AMP, with the assistance of a lawyer (services). They will be signed by the shareholders.	Target value	Delivery date
				1	31/05/2019
		Title	Structure creation		
	D 4.2.3	Description	A representative of steering committee will be responsible for registering legal structure, setting up black book, corporate by-laws, bank account and accounting books, acquiring operator insurance as well as any additional legal permits required.	Target value	Delivery date
				1	14/06/2019
	Output Number	Project output		Target value	Delivery date
		Title	Operational Structure		
	O 4.2.1	Description	Multi-stakeholders structure dedicated to the management of the DIAMS platform and flagship programs	Target value	Delivery date
				1	14/06/2019

A4.3	Monitoring and evaluation	Measuring progress is a key project activity, and, in line with our experimental approach, will mature over time and will ultimately be defined and owned by all stakeholders. This activity is dedicated to the development of a DIAMS performance index and measurement system that will be used (1) to build evidence (2) to guide the continuous improvement of the solution (3) as a decisionmaking and management tool (4) foster engagement through a clear and transparent communication. A Lab in the AIR will assist AMP in the definition of the index and supporting measurement system. Air PACA and a Lab in the AIR (as operating structure) will be in charge of the measuring activities.			Start date	End date
					02/01/2019	29/10/2021
	Deliverable number	Deliverable and partners involved		Target value	Delivery date	
	Title	Impact plan				
	D 4.3.1	Description	The impact plan is a strategic document that (1) Defines the overall objective of the performance index (2) Determines the principles to guide its development (3) Specifying the audience to target. Involved partners: a lab in the AIR (analysis and draft) supporting AMP (strategy and validation)	Target value	Delivery date	
				1	19/04/2019	
	Title	Expert Workshops				
	D 4.3.2	Description	Together with the core team, a wider network of experts is convened at several key stages to provide feedback and guidance on methodology, indicator and data selection, and preliminary results, acceptance of the results. (1) Subject area experts check for the validity of data and determine what the data is used to measure (2) Methodological experts contribute the latest knowledge and methods of index construction (3) Target audience experts provide a preliminary reaction from a target audience to ensure the project is producing something relevant for its purposes. They are also knowledgeable on the needs of specific target audiences and can offer valuable suggestions for meeting those needs. The workshops are organized by a Lab in the AIR.	Target value	Delivery date	
				6	31/10/2019	
	Title	Stakeholders Workshops				
	D 4.3.3	Description	Workshops are used to engage stakeholders to provide guidance and feedback and to help the team understand how the index fits into the larger landscape of stakeholder concerns and research in the area. The workshops are organized by a Lab in the AIR.	Target value	Delivery date	
				3	31/10/2019	
	Title	Indicator Framework				
	D 4.3.4	Description	The indicator framework is the backbone of an index. It includes the major elements that define an index, such as the measurable objectives, policy categories, and indicators. The indicator framework aids in the interpretation of a set of indicators and can provide a conceptual map for determining relationships between different issues. Additionally, the indicator framework is essential for making the connection between certain observed trends in data and the actions or policies that may have led to these developments. Taking into account experts and stakeholders contribution, A Lab in the AIR and Air PACA will assist AMP in the construction of the framework.	Target value	Delivery date	
				1	30/08/2019	
	Title	Data acquisition system				
	D 4.3.5	Description	The data acquisition process and underlying system is designed. It takes into account: (1) Data quality criteria (2) Data sources and collection (3) Format and organization of data (4) Exploratory data analysis (5) Data quality grading. Special attention will be brought to the social impact data collection. We will rely as much as possible on the lean data approaches (ACUMEN). Taking into account experts and stakeholders contribution, A Lab in the AIR and Air PACA will assist AMP in the construction of the Data acquisition system.	Target value	Delivery date	
				1	20/12/2019	
	Title	Performance Index				
	D 4.3.6	Description	A performance index combines many indicators, as measured by selected datasets, over one or many levels of aggregation to produce a single score or rank for each subject. The process for constructing an index involves the following steps: (1) Determine Targets (2) Calculate Indicators (3) Weight and Aggregate. Taking into account experts and stakeholders contribution, A Lab in the AIR and Air PACA will assist AMP in the construction of the Performance Index	Target value	Delivery date	
				1	20/12/2019	
	Title	Operation: index calculation				
	D 4.3.7	Description	The index will be calculated on a yearly basis by a Lab in the AIR and Air PACA	Target value	Delivery date	
				2	15/10/2021	
	Title	Evaluation meetings				
	D 4.3.8	Description	a Lab in the AIR (as operating structure) will prepare a detailed analysis of the evidence gathered (including index calculation) and will propose improvement actions. The AMP will convene evaluation meetings involving stakeholders and will set up action roadmaps.	Target value	Delivery date	
				2	29/10/2021	

Output Number	Project output		Target value	Delivery date
O 4.3.1	Title	DIAMS performance Index	Target value	Delivery date
	Description	An index used for performance monitoring evaluation and a a policy decision tool.	1	20/12/2019
O 4.3.2	Title	Progress and performance operating evaluation system	Target value	Delivery date
	Description	Data acquisition, indicator and index calculation and associated processes.	1	20/12/2019
O 4.3.3	Title	Index based evaluation reports	Target value	Delivery date
	Description	Evaluation reports and resulting roadmaps.	2	29/10/2021

Work Package Budget

PP1 - Aix Marseille Provence Metropole (AMP Metropole)	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	10 PMon A4.1 - Strategic documents (policies) A4.2 - Legal and operational structure A4.3 - Monitoring and evaluation cost : 6000€/PM	N/A		external supplying monitoring and evaluation				
Amount (€)	60,000	9,000.00	0	100,000	0	169,000.00	0	169,000.00
PP2 - Air PACA	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	8,5 PM on the 3 tasks staff cost / PM: A4.1 - Strategic documents (policies) : 4000€/PM A4.2 - Legal and operational structure 5000€/PM A4.3 - Monitoring and evaluation 6000€/PM	N/A						
Amount (€)	56,000	8,400.00	0	0	0	64,400.00	0	64,400.00
PP4 - A Lab in the AIR	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	4,5 PMon A4.1 - Strategic documents (policies) A4.2 - Legal and operational structure A4.3 - Monitoring and evaluation cost : 8000€/PM	N/A						
Amount (€)	36,000	5,400.00	0	0	0	41,400.00	0	41,400.00
PP5 - Mobigreen -La Poste	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	8000€/PM 0,15PM : 3 days	N/A						
Amount (€)	1,000	150.00	0	0	0	1,150.00	0	1,150.00

PP8 - Groupe Tera	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	6000€/PMstaff costs 2,4 PM	N/A						
Amount (€)	4,320	648.00	0	0	0	4,968.00	0	4,968.00
PP9 - AVITEM	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	A4.1 - Strategic documents (policies) A4.3 - Monitoring and evaluation	N/A	public events, accomodation, travels...					
Amount (€)	24,000	3,600.00	15,000	0	0	42,600.00	0	42,600.00
Total (€)	181,320.00	27,198.00	15,000.00	100,000.00	0.00	323,518.00	0.00	323,518.00

Indicative budget breakdown per year

Year	2018	2019	2020	2021	Total
Amount (%)	5 %	30 %	35 %	30 %	100.00 %
Budget (€)	16,175.90	97,055.40	113,231.30	97,055.40	323,518.00

Indicative budget breakdown per activity

Activity	Amount (%)	Budget (€)
A 4.1	50 %	161,759.00
A 4.2	25 %	80,879.50
A 4.3	25 %	80,879.50
Total	100.00 %	323,518.00

Work Plan Per Work Packages - WorkPackage 5 (Implementation Work Package)

Title DIAMS Engagement Program

Start Date 02/12/2018

End Date 31/10/2021

Budget 1,371,590.00

Partners Involvement

Responsible Partner PP 4 - ALab in the AIR

Involved Partners PP1 - Aix Marseille Provence Metropole (AMP Metropole)
PP2 - Air PACA
PP4 - ALab in the AIR
PP5 - Mobigreen -La Poste
PP6 - Matrice
PP7 - L'Air et Moi
PP8 - Groupe Tera
PP9 - AVITEM

Summary The DIAMS program consists in
(1) creating a network of contributors, both citizens and private organizations who put their skills (observation and analysis, insights and imagination, technology and fabrication, leadership and communication) to work for the benefit of air quality
(2) bringing human, spaces, data and technological resources to the network
(3) integrating the contributors efforts outputs in the Metropolitan air quality plan through participative procedures and an annual projects incubation process .
The DIAMS platform provides the data and services used by the contributors. It facilitates transactions between the different types of individuals and organizations that would otherwise have difficulty finding each other and provides technological building blocks that are used as a foundation on top of which a large number of innovators can develop complementary services or products.

Activities, Deliverables and Outputs

Activity number	Activity title	Activity description and partners involved	Start date	End date
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A5.1	Launching the program	In line with the general network/platform approach of DIAMS, the contributors network will be built from initial territorial strategic nodes which by nature irrigate the Metropole Territory. First of all, a program charter will be established and a first set of resource materials will be made available. Core contributors teams will be then recruited. ALab in the AIR will lead the program, together with the AMP. Air PACA, AMP, A Lab in the AIR and la Poste will mobilize their networks and existing engagement programs. L'Air et Moi, TERA and MATRICE will contribute to the set of resource materials. L'Air et Moi and La Poste will be in charge of specific territorial nodes.			Start date	End date
				02/12/2018	30/08/2019	
		Deliverable number	Deliverable and partners involved	Target value	Delivery date	
		Title	Program Charter			
	D 5.1.1	Description	The program charter clarifies the scope, objectives, principles and participation rules of the program, including the open innovation process rules. the program charter (1) is a communication tool (2) provides a shared understanding of the program and (3) act as a contract between the organizers, key stakeholders and contributors. ALab in the AIR will draft the program charter, that will be reviewed by AMP.	Target value 1	Delivery date 28/02/2019	
		Title	Guidebooks			
	D 5.1.2	Description	Guidebooks provide useful resources for the contributors. We plan to edit 4 initial guidebooks: "The citizen DIAMS Contributor Playbook" (practical advice on how to contribute, start and animate a contributors team) "The citizen DIAMS Contributor Handbook" (how to find resources and use them), "The Organizations DIAMS Contributor Playbook (guidance for larger organizations), "The Organizations DIAMS Contributor Handbook" (resources for Organizations). AMP, A Lab in the AIR, l'Air et Moi, Air PACA will contribute to the elaboration of the Guidebooks.	Target value 4	Delivery date 19/04/2019	
		Title	Sensor Kits			
	D 5.1.3	Description	An initial set of sensor kits will be designed for the use of volunteer "gatherers-contributors". We plan to team-up with the Making Sense team to leverage their initiative, with the improvement of quality PMsensors provided by the TERA Group. The first set of sensors will be designed during a 24hrs makhaton involving users organized during the program launching event (WP3). MATRICE, A Lab in the AIR and TERA will be in charge of the design. La Poste will provide additional sensors.	Target value 50	Delivery date 30/04/2019	
		Title	DIAMS contributor digital app			
	D 5.1.4	Description	A dedicated digital app will be designed and developed . A prototype version will be designed during a 24hrs hakhaton involving users organized during the program launching event (WP3). The app will provide contributors with useful resources and a community social network. It will be linked with DIAMS platforms functionalities. Specific functionalities will be added over time. ALab in the AIR, MATRICE and TERA will be in charge of the app development.	Target value 1	Delivery date 30/04/2019	
		Title	Links with the DIAMS platform			
	D 5.1.5	Description	The DIAMS program drives the development of the platform functionalities. The platform functionalities that will be used for the program launching phase are: open data portal, open innovation portal, sensor platform (beta), community management, pulse app.	Target value 5	Delivery date 30/04/2019	
		Title	Contributors core team - schools			
	D 5.1.6	Description	Schools are essential territorial nodes. The AMP will build upon existing environmental education programs and target 5 schools. L'Air et Moi will be in charge of deploying the program. Children can become "gatherers" (they observe and monitor), "architects" (they imagine solutions), "makers" (they build or code), or "leaders" (they recruit and organize the teams). They will have access to the program resources and will have the opportunity to participate to workshops. They will be encouraged to bring in the teams their families and friends so they can contribute to the network expansion. They will also be relayed by the "Ambassadeurs de la Mbilitt", an existing AMP program. Their contribution will be rewarded.	Target value 30	Delivery date 28/06/2019	
		Title	Contributors core team - Bee to Bee			
	D 5.1.7	Description	A connected-hives program has been successfully prototyped, aiming at (1) linking bees activities and environmental conditions through big data analysis (the bees as bio-indicators) (2) promote citizens awareness and engagement through bee-keepers empowered communities. Young entrepreneurs have also prototyped an air-sensor bee-drone that flies from hive to hive. Connected hives are easy and cheap to build and install, and can be personalized. A large number of organizations and citizens, including the Ville d'Aix en Provence, have expressed their interest. DIAMS will integrate this initiative in its programs and create a network of bee-keepers contributors. ALab in the AIR and AMP will be leaders.	Target value 10	Delivery date 30/08/2019	
		Title	Contributors core team - La Poste			
D 5.1.8				Target value	Delivery date	

	Description	La Poste has prototyped a mobile sensor program in Paris. The DIAMS program will leverage this initiative. Pollutrack mobile sensors will be installed on La Poste corporate vehicles which currently drive across the Metropole on a 7-day basis. With 300+ sensors, it is estimated that approx. 300,000 PM2.5 measurements can be collected daily, depending upon the average use of La Poste fleet across the Metropole Aix Marseille. A number of fixed stations with identical PM sensors will also be installed at strategic locations of the area. La Poste will be managing the program.	300	30/08/2019
D 5.1.9	Description	Contributors core team - Port de Marseille		
		DIAMS will be integrated in the SMART PORT program. The AMP, together with wider stakeholders GPMM and EUROMED will draft a specific contributor program dedicated to the Port and EUROMED areas, involving monitoring and data gathering activities, thematic workshops, employees and resident involvement actions, dedicated pulse reporting. Air PACA and ALab in the AIR will assist them.	Target value 20	Delivery date 30/08/2019
D 5.1.10	Description	Contributors core team - Plateforme industrielle de FOS		
		The Plateforme industrielle de FOS has expressed interest in the DIAMS program. The AMP, together with wider industrial stakeholders will draft a specific contributor program dedicated to area industries, involving monitoring and data gathering activities, thematic workshops, employees and resident involvement actions, dedicated pulse reporting. ALab in the AIR will assist them.	Target value 5	Delivery date 30/08/2019
Output Number	Project output		Target value	Delivery date
O 5.1.1	Description	Program Resources		
		Charter, guidebooks, digital tools, sensor kits.	Target value 60	Delivery date 30/04/2019
O 5.1.2	Description	Core contributors teams		
		Core teams of contributors organized around strategic territorial nodes: schools, port, industrial area, transport hubs, connected hives.	Target value 350	Delivery date 30/08/2019

A5.2	Expanding,testing and improving the program	Once the program has been launched, the AMP and its partners will provide resources and organize events to help expand the network of contributors. They will also be mapping the contributors teams and their production. ALab in the AIR will lead the program, together with the AMP. L'Air et Mbi, TERA and MATRICE will contribute to the set of resource materials, and to the events.			Start date	End date	
					01/09/2019	31/10/2021	
	Deliverable number	Deliverable and partners involved			Target value	Delivery date	
		Title	Workshops and community events				
	D 5.2.1	Description	Regular DIAMS events will be organized. The events program will be largely promoted by the AMP and relayed byits partners. types of events will be organized: - DIAMS makers events: to design, build or develop objects and applications - DIAMS architects events: to share ideas and insights, imagine actions - DIAMS gatherers events: to organize data collection (including monitoring) and share feedback - DIAMS organizational events: to bring the teams together in a cross-skill way and contribute to the network cohesion. Additional thematic events will be organized by organizations contributors, with the help of the DIAMS team. ALab in the AIR will be in charge of the Program (cf WP3). L'Air et Mbi et La Poste will contribute.			Target value	Delivery date
						30	31/10/2021
		Title	Congresses				
	D 5.2.2	Description	Bi-annual congresses will be organized by the AMP to deploy the open innovation program leading to the elaboration of the citizen-driven air policy. ALab in the AIR and Air PACAwill assist the AMP.			Target value	Delivery date
						4	29/10/2021
		Title	Program resources				
	D 5.2.3	Description	Additional resources (kits- including sensor kits, guidebooks, digital services and apps) will be added to the initial set. AMP, ALab in the AIR, l'Air et Mbi, Air PACA, Groupe TERA and MATRICE will contribute to the production of these resources.			Target value	Delivery date
						1,000	29/10/2021
		Title	Mapping				
	D 5.2.4	Description	A special feature will be added to the DIAMS Contributors Program app, aiming at mapping the contributors and their production. This feature will be developed by ALab in the AIR and MATRICE using an open source SNAtool.			Target value	Delivery date
						1	31/12/2019
		Title	Links with the DIAMS platform				
	D 5.2.5	Description	The DIAMS program drives the development of the platform functionalities . The platform functionalities that will be used for the program development phase are: open data portal, open innovation portal, sensor platform and IAassimilation/aggregation algorithms, community management, pulse app and air-services apps.			Target value	Delivery date
						8	30/12/2020
	Output Number	Project output			Target value	Delivery date	
		Title	Teams of DIAMS contributors				
	O 5.2.1	Description	Organized and active teams of contributors.			Target value	Delivery date
						1,500	31/10/2021
		Title	Program resources				
	O 5.2.2	Description	Additional guidebooks, digital tools, sensor kits, makers and creative kits			Target value	Delivery date
						1,000	31/10/2021

A5.3	Co-building the Metropole air policy	The DIAMS team contribute to the elaboration of the Metropole air quality policies through a guided and promoted open innovation process: during the school year, contributors gather data, share insights, propose solutions. A reward system encourages their initiatives. At the end of the school year, the best contributions are selected and rewarded. They are integrated in the annual air quality action plan of the Metropole. Entrepreneur solutions are incubated by the operating structure. AMP leads the process, with the assistance of Air PACA and A Lab in the AIR.			Start date	End date
					30/06/2019	31/10/2021

Deliverable number	Deliverable and partners involved			Target value	Delivery date
	Title	Award system			
D 5.3.1	Description	An award system to encourage the contributions will be designed by A Lab in the AIR, the AMP and MATRICE. Contributions (either data, insights, proposals), if relevant, will be awarded DIAMS points. Points can be traded for rewards (offered by partners or sponsors). A cryptomoney scheme will be potentially tested. This task is linked to WP7 activities.			
	Title	Projects selection			
D 5.3.2	Description	Contributors will propose ideas and projects on the open innovation portal. The AMP, together with the DIAMS team, will select the 10 best citizens contributions and the 8 best organizations contributions to be included as actions in the City Air Quality Plan			
	Title	Annual air quality plan			
D 5.3.3	Description	A citizen-driven annual quality plan will be developed by AMP, with the assistance of Air PACA and A Lab in the AIR. This plan will explicitly take into account the contributions of the DIAMS teams (insights, data), and will integrate the selected DIAMS contributors projects.			
Output Number	Project output			Target value	Delivery date
	Title	DIAMS Teams contributions			
O 5.3.1	Description	Insights, proposed actions			
	Title	Daily Data collected by the contributors			
O 5.3.2	Description	Monitoring + emissions and exposure -related data collected by contributors on a daily basis			
	Title	Citizen-driven annual city air quality plan			
O 5.3.3	Description	A citizen-driven annual quality plans taking into account the contributions of the DIAMS teams (insights, data), and integrating the selected DIAMS contributors projects.			

Work Package Budget

PP1 - Aix Marseille Provence Metropole (AMP Metropole)	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	7,5PM costs : 6000€/PM	N/A		indicators and experimentations supplying				
Amount (€)	45,000	6,750.00	0	140,000	0	191,750.00	0	191,750.00
PP2 - Air PACA	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	10,45 PM costs : A5.1 - Launching the Program 4000€/PM A5.2 - Expanding, testing and improving the program 5000€/pm A5.3 co-building the Metropole Air Cities 6000€/pm	N/A	Travels (expanding and testing...)					
Amount (€)	58,100	8,715.00	2,500	0	0	69,315.00	0	69,315.00
PP4 - A Lab in the AIR	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	8000€/pm (future operating structure with people from thecamp detached resources) and 1 person from the Lab 3 tasks 21,8 PM	N/A			furnitures and materials for testing and expanding in fablab : little equipment to make working citizens and children			
Amount (€)	174,400	26,160.00	0	0	30,000	230,560.00	0	230,560.00
PP5 - Mobigreen -La Poste	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	2.65PM cost : 8000€/PM	N/A	Travels to Marseille	services of sensors supplier	300 citizen sensors			
Amount (€)	21,200	3,180.00	6,000	85,000	150,000	265,380.00	0	265,380.00
PP6 - Matrice	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	10000€/PM 5,3Pm coach matrice, individual auditions (of students), immersions	N/A		20000				
Amount (€)	53,000	7,950.00	0	0	0	60,950.00	0	60,950.00
PP7 - L'Air et Moi	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	20 PM cost/PM: 4000€/PM	N/A						
Amount (€)	80,000	12,000.00	0	0	0	92,000.00	0	92,000.00

PP8 - Groupe Tera	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	8,15PM : for production of sensors and participation to expanding and testing (1.65 PM) cost PM: 6000€/PM	N/A		external expertise for sensors manufacturing	equipment for manufacturing sensors : handling, components, NextPM(sensor),			
Amount (€)	48,900	7,335.00	0	235,000	163,500	454,735.00	0	454,735.00
PP9 - AVITEM	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	1 PM 6000€/PM	N/A						
Amount (€)	6,000	900.00	0	0	0	6,900.00	0	6,900.00
Total (€)	486,600.00	72,990.00	8,500.00	460,000.00	343,500.00	1,371,590.00	0.00	1,371,590.00

Indicative budget breakdown per year

Year	2018	2019	2020	2021	Total
Amount (%)	0 %	15 %	55 %	30 %	100.00 %
Budget (€)	0.00	205,738.50	754,374.50	411,477.00	1,371,590.00

Indicative budget breakdown per activity

Activity	Amount (%)	Budget (€)
A 5.1	25 %	342,897.50
A 5.2	50 %	685,795.00
A 5.3	25 %	342,897.50
Total	100.00 %	1,371,590.00

Work Plan Per Work Packages - WorkPackage 6 (Implementation Work Package)

Title	Platform Development
Start Date	01/11/2018
End Date	30/10/2021
Budget	1,669,041.00
Partners Involvement	
Responsible Partner	PP2 - Air PACA
Involved Partners	PP1 - Aix Marseille Provence Metropole (AMP Metropole) PP2 - Air PACA PP3 - ARIA Technologies PP4 - A.Lab in the AIR PP5 - Mobigreen -La Poste PP6 - Matrice PP8 - Groupe Tera
Summary	The DIAMS platform provides digital air quality services. It facilitates transactions between the different types of individuals and organizations that would otherwise have difficulty finding each other and provides technological building blocks that are used as a foundation on top of which a large number of innovators can develop complementary services or products. DIAMS is organized around four structural portals: - Sensor platform: Sensor acquisition and assimilation/aggregation procedures; - Territorial portal: APIs for platforms communication and data exchange, Lean Emission Inventory, Cloud based conceptual analysis tools. - Innovation portal: access to open public data and regulated access to proprietary data; open innovation platform based around blockchain technology. - Services platform: user-centered design applications and community management tools. The platform is developed using agile development methodologies, an approach used in the field of software development a based on iterative short-term processes that lead to the initial delivery of a partial but operational product and various consecutive versions with increasingly improved performance. Through constant iterations, these methodologies seek to provide value from the very beginning of a project, as well as undertake ongoing assessment of the product. Their goal is to introduce improvements until a final result of excellent quality is achieved that fully responds to all user requirements

Activities, Deliverables and Outputs

Activity number	Activity title	Activity description and partners involved	Start date	End date
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A6.1	System architecture		The System architecture ensure the consistency between the technical solution, procedures, development models and standards. The system architecture teams is the technical leader for design, implementation and interface decisions regarding technical solutions. It is comprised of IT specialists from a Lab in the AIR, Air PACA and AMP, assisted by MATRICE.		Start date	End date	
					01/11/2018	01/06/2019	
	Deliverable number	Deliverable and partners involved			Target value	Delivery date	
		Title	Technology assessment				
	D 6.1.1	Description	The technology assessment aims to get a good understanding of how the METROPOLE and Air PACA currently use and manae information technology. The assessment will include a review of the various aspects associated with the acquisition, distribution and management of IT resources, including Network Infrastructure, Network Services, Server Infrastructure and Applications, IT Security, Specialized and/or Unique Application, Social Media, Development environment and best practices, human resources. The TAwill be conducted by the system architect of a Lab in the AIR, and Air PACA.			Target value	Delivery date
						1	31/03/2019
		Title	DIAMS reference architecture				
	D 6.1.2	Description	Logical and physical models of the plateforme; Architecture Requirements Dossier (ARD); hardware requirements, etc. aligned with the strategic and requirement policies (WP4).			Target value	Delivery date
						1	31/05/2019
	Output Number	Project output			Target value	Delivery date	
	Title	System architecture					
O 6.1.1	Description	The System architecure ensure the consistency between the technical solution, procedures, development models and standards.			Target value	Delivery date	
					1	31/05/2019	

A6.2	Sensor platform		The sensor platform is comprised of a sensor/IoT data acquisition interface (based on Sentilo) together with a set of IA-based data analysis tools (OS) that enable assimilation and aggregation functionalities. The Sensor platform is developed using iterative Agile Methodologies, and continually improved. Air PACA (with services), a Lab in the AIR, ARIA Technologies, MATRICE and the AMP are in charge of the platform development.	Start date	End date
				02/12/2019	30/10/2021
	Deliverable number	Deliverable and partners involved		Target value	Delivery date
		Title	Design Sprints		
	D 6.2.1	Description	Design sprints are five-day processes for answering critical business questions through design, prototyping, and testing ideas with customers. The outputs of the design sprints are prototype that's been tested with ~5 target users. A Product Roadmap expands the design sprint prototype to flesh out the remaining, prioritized features / screens / user flows. These priorities becomes entries in of the product backlog, which can then be fed into the agile dev sprints. A Lab in the AIR and MATRICE are in charge of the design sprints, together with Air PACA, AMP, ARIA, and the involvement of stakeholders/ Users.	Target value	Delivery date
				2	29/10/2021
		Title	Customer Experience Design (UX/UI)		
	D 6.2.2	Description	The UX Design is concerned with building out the information architecture, interactions, and flow of the human-centered experiences of the solution. The Visual Design defines the styles, tones, and interfaces (when applicable). A Lab in the AIR and MATRICE are in charge of the UX/UI, with the involvement of AMP.	Target value	Delivery date
				2	29/10/2021
		Title	Code Sprints		
	D 6.2.3	Description	The code sprints are intermediate sprints between the design sprints and the agile dev sprints. They are used to determine the best technology stack, application architecture, and infrastructure to adapt. Air PACA and MATRICE are in charge of code sprints, with the involvement of A Lab in the AIR , ARIA and AMP.	Target value	Delivery date
				2	29/10/2021
		Title	Agile Development (sprints)		
	D 6.2.4	Description	The Agile cycle is comprised of (1) a discovery phase (2) the product backlog: a prioritised list of all the estimated individual elements for completing the overall project (3) 2-4 weeks long sprints during which the development team will design, program and test each one of the development items listed in the sprint backlog. The result of each sprint should be a potentially shippable product increment, in which an increase in value or functionality can be seen when compared with the previous sprint. The sprints are repeated until the result desired by the customer is obtained (or the budget/time allocated to the project expires). Air PACA (with services), ARIA and MATRICE are in charge of the code sprints, with the involvement of AMP.	Target value	Delivery date
				6	30/10/2021
	Output Number	Project output		Target value	Delivery date
		Title	Sensor acquisition interface		
	O 6.2.1	Description	sensor/IoT data acquisition interface (based on Sentilo)	Target value	Delivery date
				1	29/10/2021
		Title	Assimilation/aggregation algorithms		
	O 6.2.2	Description	IA-based data analysis tools (OS) that enable assimilation and aggregation functionalities.	Target value	Delivery date
				2	29/10/2021

A6.3	Territorial Platform		The territorial platform is comprised of APIs that allow fluent data exchanges and cloud based conceptual tools (incl. models) that enable integrated planning. The Territorial platform is developed using iterative Agile Methodologies, and continually improved. Air PACA (with services), a Lab in the AIR, ARIA (models) MATRICE and the AMP are in charge of the platform development.		Start date	End date
					01/05/2019	29/10/2021
	Deliverable number		Deliverable and partners involved		Target value	Delivery date
	D 6.3.1	Title	Design Sprints		Target value	Delivery date
		Description	Design sprints are five-day processes for answering critical business questions through design, prototyping, and testing ideas with customers. The outputs of the design sprints are prototype that's been tested with ~5 target users. A Product Roadmap expands the design sprint prototype to flesh out the remaining, prioritized features / screens / user flows. These priorities becomes entries in of the product backlog, which can then be fed into the agile dev sprints. A Lab in the AIR and MATRICE are in charge of the design sprints, together with Air PACA, AMP, ARIA, and the involvement of stakeholders/ Users.			
	D 6.3.2	Title	Customer Experience Design (UX/UI)		Target value	Delivery date
		Description	The UX Design is concerned with building out the information architecture, interactions, and flow of the human-centered experiences of the solution. The Visual Design defines the styles, tones, and interfaces (when applicable). A Lab in the AIR and MATRICE are in charge of the UX/UI, with the involvement of AMP.			
	D 6.3.3	Title	Code Sprints		Target value	Delivery date
		Description	The code sprints are intermediate sprints between the design sprints and the agile dev sprints. They are used to determine the best technology stack, application architecture, and infrastructure to adapt. Air PACA and MATRICE are in charge of code sprints, with the involvement of A Lab in the AIR , ARIA and AMP.			
	D 6.3.4	Title	Agile Development (sprints)		Target value	Delivery date
		Description	The Agile cycle is comprised of (1) a discovery phase (2) the product backlog: a prioritised list of all the estimated individual elements for completing the overall project (3) 2-4 weeks long sprints during which the development team will design, program and test each one of the development items listed in the sprint backlog. The result of each sprint should be a potentially shippable product increment, in which an increase in value or functionality can be seen when compared with the previous sprint. The sprints are repeated until the result desired by the customer is obtained (or the budget/time allocated to the project expires). Air PACA (with services), ARIA and MATRICE are in charge of the code sprints, with the involvement of AMP.			
	Output Number		Project output		Target value	Delivery date
	O 6.3.1	Title	APIs for platforms communication and data exchange		Target value	Delivery date
		Description	APIs for platforms communication and data exchange			
	O 6.3.2	Title	Cloud based conceptual analysis tools		Target value	Delivery date
		Description	Conceptual tools (incl. models) that enable integrated planning			

A6.4	Innovation Platform	The territorial platform is comprised of an open innovation portal with dedicated apps and an open data portal,as well as democracy participation tools built upon DCENT. DECODE is adapted to the DIAMS platform. The Innovation platform is developed using iterative Agile Methodologies, and continually improved. Air PACA (with services), a Lab in the AIR, MATRICE and the AMP are in charge of the platform development.			Start date	End date
					01/12/2018	29/10/2021
		Deliverable number	Deliverable and partners involved	Target value	Delivery date	
		Title	Design Sprints			
D 6.4.1	Description	Design sprints are five-day processes for answering critical business questions through design, prototyping, and testing ideas with customers. The outputs of the design sprints are prototype that's been tested with ~5 target users. A Product Roadmap expands the design sprint prototype to flesh out the remaining, prioritized features / screens / user flows. These priorities becomes entries in of the product backlog, which can then be fed into the agile dev sprints. A Lab in the AIR and MATRICE are in charge of the design sprints, together with Air PACA, AMP, and the involvement of stakeholders/ Users.	Target value	4	Delivery date 29/10/2021	
		Title	Customer Experience Design (UX/UI)			
D 6.4.2	Description	The UX Design is concerned with building out the information architecture, interactions, and flow of the human-centered experiences of the solution. The Visual Design defines the styles, tones, and interfaces (when applicable). A Lab in the AIR and MATRICE are in charge of the UX/UI, with the involvement of AMP.	Target value	4	Delivery date 29/10/2021	
		Title	Code Sprints			
D 6.4.3	Description	The code sprints are intermediate sprints between the design sprints and the agile dev sprints. They are used to determine the best technology stack, application architecture, and infrastructure to adapt. Air PACA and MATRICE are in charge of code sprints, with the involment of A Lab in the AIR , ARIA and AMP.	Target value	4	Delivery date 29/10/2021	
		Title	Agile Development (sprints)			
D 6.4.4	Description	The Agile cycle is comprised of (1) a discovery phase (2) the product backlog: a prioritised list of all the estimated individual elements for completing the overall project (3) 2-4 weeks long sprints during which the development team will design, program and test each one of the development items listed in the sprint backlog. The result of each sprint should be a potentially shippable product increment, in which an increase in value or functionality can be seen when compared with the previous sprint. The sprints are repeated until the result desired by the customer is obtained (or the budget/time allocated to the project expires). Air PACA (with services), ARIA and MATRICE are in charge of the code sprints, with the involvement of AMP.	Target value	6	Delivery date 29/10/2021	
		Output Number	Project output	Target value	Delivery date	
		Title	Open data portal			
O 6.4.1	Description	Air Open data portal linked to other open data territorial platforms	Target value	1	Delivery date 29/10/2021	
		Title	Open innovation portal and app			
O 6.4.2	Description	Open innovation portal for entrepreneurs engagement	Target value	2	Delivery date 29/10/2021	
		Title	Participatory Democracy tools			
O 6.4.3	Description	Participatory Democracy tools built upon DCENT	Target value	3	Delivery date 29/10/2021	
		Title	Data private management tools			
O 6.4.4	Description	DECODE based algorithms	Target value	1	Delivery date 29/10/2021	



A6.5	Services Platform		The service platform provides users with a number of air quality dedicated digital services. The number of services are expected to increase as peer-producers and peer-partners release new apps. A number of these apps are produced through the open innovation process and the DIAMS contributors. We plan as a priority to develop a pulse-app (air quality performance dashboard) together with interactive web mapping. The Innovation platform is developed using iterative Agile Methodologies, and continually improved. Air PACA (with services), a Lab in the AIR, ARIA, MATRICE and the AMP are in charge of the platform development.	Start date	End date
				01/12/2018	29/10/2021
Deliverable number		Deliverable and partners involved		Target value	Delivery date
D 6.5.1	Title	Design Sprints		Target value 4	Delivery date 29/10/2021
	Description	Design sprints are five-day processes for answering critical business questions through design, prototyping, and testing ideas with customers. The outputs of the design sprints are prototype that's been tested with ~5 target users. A Product Roadmap expands the design sprint prototype to flesh out the remaining, prioritized features / screens / user flows. These priorities becomes entries in of the product backlog, which can then be fed into the agile dev sprints. ALab in the AIR and MATRICE are in charge of the design sprints, together with Air PACA, AMP, and the involvement of stakeholders/ Users.			
D 6.5.2	Title	Customer Experience Design (UX/UI)		Target value 4	Delivery date 29/10/2021
	Description	The UX Design is concerned with building out the information architecture, interactions, and flow of the human-centered experiences of the solution. The Visual Design defines the styles, tones, and interfaces (when applicable). ALab in the AIR and MATRICE are in charge of the UX/UI, with the involvement of AMP.			
D 6.5.3	Title	Code Sprints		Target value 4	Delivery date 29/10/2021
	Description	The code sprints are intermediate sprints between the design sprints and the agile dev sprints. They are used to determine the best technology stack, application architecture, and infrastructure to adapt. Air PACA and MATRICE are in charge of code sprints, with the involvement of ALab in the AIR , ARIA and AMP.			
D 6.5.4	Title	Agile Development (sprints)		Target value 6	Delivery date 29/10/2021
	Description	The Agile cycle is comprised of (1) a discovery phase (2) the product backlog: a prioritised list of all the estimated individual elements for completing the overall project (3) 2-4 weeks long sprints during which the development team will design, program and test each one of the development items listed in the sprint backlog. The result of each sprint should be a potentially shippable product increment, in which an increase in value or functionality can be seen when compared with the previous sprint. The sprints are repeated until the result desired by the customer is obtained (or the budget/time allocated to the project expires). Air PACA (with services), ARIA and MATRICE are in charge of the code sprints, with the involvement of AMP.			
Output Number		Project output		Target value	Delivery date
O 6.5.1	Title	Pulse app		Target value 1	Delivery date 29/06/2019
	Description	air quality performance dashboard together with interactive web mapping.			
O 6.5.2	Title	air quality digital services		Target value 8	Delivery date 29/10/2021
	Description	Apps developed by Peer-partners and peer-producers through the open innovation process			

Work Package Budget

PP1 - Aix Marseille Provence Metropole (AMP Metropole)	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	5,25 PM costs : 6000€/PM	N/A						
Amount (€)	31,500	4,725.00	0	0	0	36,225.00	0	36,225.00
PP2 - Air PACA	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	27,74PM A6.1 - System Architecture A6.2 Sensor Platform A6.3 - Territorial Interface A6.4 - Innovation Interface A6.5 - Services Interface	N/A	working with the platform developers and WPmeeting	Platform development : external supplying	licences			
Amount (€)	178,440	26,766.00	2,500	550,000	5,000	762,706.00	0	762,706.00
PP3 - ARIA Technologies	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	Cost : 9000€/PM 17,5PM system development / services interface, innovation interface ...	N/A	travel to exchange with partners about system development	calculating center supplier	furnitures for sensors			
Amount (€)	157,500	23,625.00	9,000	85,000	30,000	305,125.00	0	305,125.00
PP4 - A Lab in the AIR	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	system architect in the lab + coordination of lab (operating structure with detached persons from thecamp) medium costs : 9000€/mois 34,6 PM System development, conceptualizing, developing platform	N/A	partners meeting to insure development with system developers	external services about conceptualize innovation interface and services interface				
Amount (€)	311,400	46,710.00	5,000	60,000	0	423,110.00	0	423,110.00
PP5 - Mobigreen -La Poste	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	2PM 8000€/PM system architecture of platform with experimentation of sensors on vehicles of La Poste	N/A						
Amount (€)	16,000	2,400.00	0	0	0	18,400.00	0	18,400.00

PP6 - Matrice	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	9000€/PM 5,5 PM on the project	N/A	travels from paris to coordinate with project partners on system development	openers sessions, coaching sessions	computers, IT material			
Amount (€)	49,500	7,425.00	4,000	46,000	8,000	114,925.00	0	114,925.00
PP8 - Groupe Tera	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	technician about system development : link between plateforme and sensors 1,75PM costs 4000€/PM	N/A	travels to work with other partners on the development of plateforme and insure compatibility with sensors					
Amount (€)	7,000	1,050.00	500	0	0	8,550.00	0	8,550.00
Total (€)	751,340.00	112,701.00	21,000.00	741,000.00	43,000.00	1,669,041.00	0.00	1,669,041.00

Indicative budget breakdown per year

Year	2018	2019	2020	2021	Total
Amount (%)	10 %	40 %	30 %	20 %	100.00 %
Budget (€)	166,904.10	667,616.40	500,712.30	333,808.20	1,669,041.00

Indicative budget breakdown per activity

Activity	Amount (%)	Budget (€)
A 6.1	30 %	500,712.30
A 6.2	20 %	333,808.20
A 6.3	10 %	166,904.10
A 6.4	20 %	333,808.20
A 6.5	20 %	333,808.20
Total	100.00 %	1,669,041.00

Work Plan Per Work Packages - WorkPackage 7 (Implementation Work Package)

Title	Business Models
Start Date	01/07/2019
End Date	30/06/2021
Budget	295,370.00

Partners Involvement

Responsible Partner	PP 4 - ALab in the AIR
Involved Partners	PP1 - Aix Marseille Provence Metropole (AMP Metropole) PP2 - Air PACA PP3 - ARIA Technologies PP4 - ALab in the AIR PP5 - Mobigreen -La Poste PP6 - Matrice PP8 - Groupe Tera

Summary	To engage, stakeholders must benefit from their contributions. The maturation of smart cities, future advances in the application of IoT technology in public services, the increased presence of data-driven businesses in the economy create new business models. The DIAMS platform aims at supporting diverse business models for the open and commercial exploitation of air-related data. To make the business models successful, the value of data must be appreciated across all its forms: social, economic and environmental, as well as financial value. By engaging with peer-producers and setting-up a data monetization framework, we aim to create value-based transactions that can be properly understood by all partners.
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Activities, Deliverables and Outputs

Activity number	Activity title	Activity description and partners involved	Start date	End date
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A7.1	Value Case Analysis		Establish a series of value cases for the exploitation of data from public and private sources, setting out clearly in each how economic, social, environmental and financial value is delivered. This analysis will be conducted together with experts and peer-producers, some of which are partners (La Poste, Groupe TERA, MATRICE, ARIA Technologies), through a series of thematic workshops. A Lab in the AIR will coordinate the study and bring its expertise. AMP and Air PACA will contribute with their knowledge and expertise.	Start date	End date
				01/07/2019	30/10/2020
	Deliverable number	Deliverable and partners involved		Target value	Delivery date
		Title	Stakeholders workshops		
D 7.1.1	Description	A Series of workshops will be organized to engage with a range of existing and potential publishers of air related data to establish the costs associated with data collection. A Lab in the AIR, together with AMP, will be in charge of the workshops organization. Partners-Peer producers (La Poste, Groupe TERA, MATRICE, ARIA Technologies), as well as Air PACA will contribute.		Target value	Delivery date
				6	30/06/2020
D 7.1.2	Description	Thematic workshop will bring together experts from environmental sciences, political sciences, economic sciences, innovation management. A Lab in the AIR, and Air PACA, together with AMP, will be in charge of the workshops organization.		Target value	Delivery date
				3	30/06/2020
D 7.1.3	Description	An analysis of the air-related data value through the study of a series of value cases for the exploitation of data from public and private sources, setting out clearly in each how economic, social, environmental and financial value is delivered will be conducted by A Lab in the AIR, together with commissioned experts.		Target value	Delivery date
				1	30/10/2020
O7.1.1	Output Number	Project output		Target value	Delivery date
		Title	Value Case Analysis.		
	Description	Analysis of the air-related data value through the study of a series of value cases for the exploitation of data from public and private sources, setting out clearly in each how economic, social, environmental and financial value is delivered.		Target value	Delivery date
				1	30/10/2020

A7.2	Data monetization Framework		Conduct an economic analysis to establish a monetisation framework.	Start date	End date
				03/02/2020	26/02/2021
	Deliverable number	Deliverable and partners involved		Target value	Delivery date
		Title	Monetization framework		
	D 7.2.1	Description	Air PACA A Lab in the AIR together with commissioned economic analysts will establish a monetisation framework for DIAMS.	Target value	Delivery date
				1	26/02/2021
	Output Number	Project output		Target value	Delivery date
		Title	Monetization framework		
	O7.2.1	Description	Monetisation framework allowing peer-partners and peer-producers to understand the value they are contributing to and deriving from air-quality data transactions.	Target value	Delivery date
				1	26/02/2021

A7.3	Supporting Ressources		It will be necessary to set up licencing agreements for open and commercial data in order to enable the use and re-use of individual data sets.		Start date	End date	
					14/09/2020	30/06/2021	
	Deliverable number	Deliverable and partners involved			Target value	Delivery date	
		Title	Licensing agreements				
	D 7.3.1	Description	AIR PACA and AMP, assisted by a commissioned lawyer, will establish a set of data licencing agreements.			4	30/06/2021
	Output Number	Project output			Target value	Delivery date	
		Title	Licensing agreements				
	O 7.3.1	Description	Licencing agreements for open and commercial data in order to enable the use and re-use of individual data sets			4	30/06/2021

Work Package Budget

PP1 - Aix Marseille Provence Metropole (AMP Metropole)	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	Strategic position and sharing metropole position in comitees : participation to conceptualize 1,25 PM 6000€/PM	N/A						
Amount (€)	7,500	1,125.00	0	0	0	8,625.00	0	8,625.00
PP2 - Air PACA	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	0.35 PM value case analysis and licensing agreements : participate to strategic position and team of project	N/A		Legal expertise : external : 20days / 1000€ per diem				
Amount (€)	2,800	420.00	0	20,000	0	23,220.00	0	23,220.00
PP3 - ARIA Technologies	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	3 PM 9000€/PM sharing sensor development experience and building value case analysis working on data monetization , licensing agreements	N/A	participation to meeting and work times in this WP					
Amount (€)	27,000	4,050.00	1,000	0	0	32,050.00	0	32,050.00
PP4 - A Lab in the AIR	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	Leader of WP : coordination of business model value : in the future operating structure (SCIC), contribution of specialist of economic models development via thecamp) 15,9PM costs : 9000€/PM	N/A	meeting with partners					
Amount (€)	143,100	21,465.00	2,000	0	0	166,565.00	0	166,565.00

PP5 - Mobigreen -La Poste	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	8000€/PM1,55 PM working on : A7.1 - Value case analysis - conducted with users A7.2 - Data monetization framework A7.3 - Licensing agreements	N/A	Travel to Marseille to work with other partners on this WP					
Amount (€)	15,400	2,310.00	3,000	0	0	20,710.00	0	20,710.00
PP6 - Matrice	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	10000€/pm 3,5PM developing theory and working on data monetization	N/A						
Amount (€)	35,000	5,250.00	0	0	0	40,250.00	0	40,250.00
PP8 - Groupe Tera	Staff costs	Office and administration	Travel and accommodation	External expertise and services	Equipment	Sub-total	Revenues	Total
Description	10 days in value case analysis with experience of sensor developments 6000€/PM0,5PM	N/A	500 € of travels to meet partners and share position of sensor manufacturer					
Amount (€)	3,000	450.00	500	0	0	3,950.00	0	3,950.00
Total (€)	233,800.00	35,070.00	6,500.00	20,000.00	0.00	295,370.00	0.00	295,370.00

Indicative budget breakdown per year

Year	2018	2019	2020	2021	Total
Amount (%)	0 %	20 %	40 %	40 %	100.00 %
Budget (€)	0.00	59,074.00	118,148.00	118,148.00	295,370.00

Indicative budget breakdown per activity

Activity	Amount (%)	Budget (€)
A 7.1	35 %	103,379.50
A 7.2	30 %	88,611.00
A 7.3	35 %	103,379.50
Total	100.00 %	295,370.00

Work Plan Per Work Packages - WorkPackage 8 (Closure and knowledge transfer work package)

Title	Closure and knowledge transfer
Start Date	01/11/2021
End Date	31/10/2022
Budget	15,000.00

Partners Involvement

Responsible Partner	PP 1 - Aix Marseille Provence Metropole (AMP Metropole)
Involved Partners	PP1 - Aix Marseille Provence Metropole (AMP Metropole)

Summary	- Drafting and submission of the final qualitative report - Participation to Urban Development Network (UDN) - Project evaluation with UIA Experts
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Activities and Deliverables

Activity number	Activity title	Activity description and partners involved	Start date	End date
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A8.1	Transfer of knowledge activities		Drafting and submission of the final qualitative report • Participation to Urban Development Network (UDN) • Project evaluation with UIA Experts	Start date	End date
				01/11/2021	31/10/2022
Deliverable number		Deliverable and partners involved		Target value	Delivery date
D 8.1.1		Title	Final qualitative report	Target value	Delivery date
		Description	Final qualitative report	1	31/10/2022



A8.2	Administrative closure		Preparation and submission of final progress report		Start date	End date
					01/11/2021	01/02/2022
	Deliverable number	Deliverable and partners involved			Target value	Delivery date
		Title	Final progress report			
	D 8.2.1				Target value	Delivery date
		Description	Final progress report		1	01/02/2022



Work Package Budget

Partner name	Staff cost (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and construction works (€)	Sub-Total (€)	Revenues (€)	Total (€)
Aix Marseille Provence Metropole (AMP Metropole)	0.00	0.00	0.00	15,000.00	0.00	0.00	0.00	0.00	15,000.00

Part E - Project Budget

E.1 Project Budget Co-Financing Source (Fund) - Breakdown per Partner

Partner	ERDF co-financing			Contribution			Total	
Partner	Country	EUR	ERDF rate	Public	Private	Total	Budget	% of project budget
PP 1 - Aix Marseille Provence Metropole (AMP Metropole)	 FR	601,640.00	80.00%	150,410.00	0.00	150,410.00	752,050.00	15.94%
PP 2 - Air PACA	 FR	831,060.80	80.00%	0.00	207,765.20	207,765.20	1,038,826.00	22.01%
PP 3 - ARIA Technologies	 FR	319,420.00	80.00%	0.00	79,855.00	79,855.00	399,275.00	8.46%
PP 4 - A Lab in the AIR	 FR	774,004.00	80.00%	193,501.00	0.00	193,501.00	967,505.00	20.50%
PP 5 - Mobigreen - La Poste	 FR	269,920.00	80.00%	0.00	67,480.00	67,480.00	337,400.00	7.15%
PP 6 - Matrice	 FR	356,760.00	80.00%	0.00	89,190.00	89,190.00	445,950.00	9.45%
PP 7 - L'Air et Moi	 FR	90,288.00	80.00%	0.00	22,572.00	22,572.00	112,860.00	2.39%
PP 8 - Groupe Tera	 FR	399,096.80	80.00%	0.00	99,774.20	99,774.20	498,871.00	10.57%
PP 9 - AVITEM	 FR	132,992.00	80.00%	33,248.00	0.00	33,248.00	166,240.00	3.52%
Total (€)		3,775,181.60	80.00%	377,159.00	566,636.40	943,795.40	4,718,977.00	100.00%

E.2 Project Budget - Overview per Partner/ per Period

Partner	Preparation (Period 0)	Jan - Dec 2018	Jan - Dec 2019	Jan - Dec 2020	Jan - Dec 2021	Closure	Total
PP 1	20,000.00	13,447.00	193,236.00	285,188.50	225,178.50	15,000.00	752,050.00
PP 2	0.00	80,142.65	377,155.30	339,173.70	242,354.35	0.00	1,038,826.00
PP 3	0.00	30,719.50	147,711.00	125,678.50	95,166.00	0.00	399,275.00
PP 4	0.00	44,659.40	282,157.20	371,354.70	269,333.70	0.00	967,505.00
PP 5	0.00	2,060.90	61,672.20	170,954.70	102,712.20	0.00	337,400.00
PP 6	0.00	12,100.25	133,933.25	163,323.25	136,593.25	0.00	445,950.00
PP 7	0.00	70.60	20,269.80	57,759.80	34,759.80	0.00	112,860.00
PP 8	0.00	1,175.50	82,127.35	265,177.65	150,390.50	0.00	498,871.00
PP 9	0.00	2,723.40	50,617.20	58,377.20	54,522.20	0.00	166,240.00
Total (€)	20,000.00	187,099.20	1,348,879.30	1,836,988.00	1,311,010.50	15,000.00	4,718,977.00
% of total budget	0.42%	3.96%	28.58%	38.93%	27.78%	0.32%	100.00%

E.3 Project Budget - Overview per Partner/ per Work Package

Partner	Preparation (WP 1)	WP 2	WP 3	WP 4	WP 5	WP 6	WP 7	Closure (WP 8)	Total
PP 1	20,000.00	137,450.00	174,000.00	169,000.00	191,750.00	36,225.00	8,625.00	15,000.00	752,050.00
PP 2	0.00	65,205.00	53,980.00	64,400.00	69,315.00	762,706.00	23,220.00	0.00	1,038,826.00
PP 3	0.00	20,700.00	41,400.00	0.00	0.00	305,125.00	32,050.00	0.00	399,275.00
PP 4	0.00	27,840.00	78,030.00	41,400.00	230,560.00	423,110.00	166,565.00	0.00	967,505.00
PP 5	0.00	16,340.00	15,420.00	1,150.00	265,380.00	18,400.00	20,710.00	0.00	337,400.00
PP 6	0.00	60,775.00	169,050.00	0.00	60,950.00	114,925.00	40,250.00	0.00	445,950.00
PP 7	0.00	7,060.00	13,800.00	0.00	92,000.00	0.00	0.00	0.00	112,860.00
PP 8	0.00	7,210.00	19,458.00	4,968.00	454,735.00	8,550.00	3,950.00	0.00	498,871.00
PP 9	0.00	59,340.00	57,400.00	42,600.00	6,900.00	0.00	0.00	0.00	166,240.00
Total (€)	20,000.00	401,920.00	622,538.00	323,518.00	1,371,590.00	1,669,041.00	295,370.00	15,000.00	4,718,977.00
% of total budget	0.42%	8.52%	13.19%	6.86%	29.07%	35.37%	6.26%	0.32%	100.00%

E.4 Project Budget - Overview per Work Package/ per Period

Work Package	Preparation	Jan - Dec 2018	Jan - Dec 2019	Jan - Dec 2020	Jan - Dec 2021	Closure	Total
WP 1	20,000.00						20,000.00
WP 2		4,019.20	132,633.60	132,633.60	132,633.60		401,920.00
WP 3		0.00	186,761.40	217,888.30	217,888.30		622,538.00
WP 4		16,175.90	97,055.40	113,231.30	97,055.40		323,518.00
WP 5		0.00	205,738.50	754,374.50	411,477.00		1,371,590.00
WP 6		166,904.10	667,616.40	500,712.30	333,808.20		1,669,041.00
WP 7		0.00	59,074.00	118,148.00	118,148.00		295,370.00
WP 8						15,000.00	15,000.00
Total (€)	20,000.00	187,099.20	1,348,879.30	1,836,988.00	1,311,010.50	15,000.00	4,718,977.00
% of total budget	0.42%	3.96%	28.58%	38.93%	27.78%	0.32%	100.00%

E.5 Project Budget - Overview per Partner/ per Budget Line

Partner	Staff	Office and administration	Travel and accommodation	External expertise and services	Equipment	Infrastructure and construction works	Sub-total	Revenues	Total
PP 1	267,000.00	40,050.00	40,000.00	405,000.00	0.00	0.00	752,050.00	0.00	752,050.00
PP 2	377,240.00	56,586.00	10,000.00	590,000.00	5,000.00	0.00	1,038,826.00	0.00	1,038,826.00
PP 3	238,500.00	35,775.00	10,000.00	85,000.00	30,000.00	0.00	399,275.00	0.00	399,275.00
PP 4	738,700.00	110,805.00	13,000.00	75,000.00	30,000.00	0.00	967,505.00	0.00	967,505.00
PP 5	76,000.00	11,400.00	15,000.00	85,000.00	150,000.00	0.00	337,400.00	0.00	337,400.00
PP 6	273,000.00	40,950.00	78,000.00	46,000.00	8,000.00	0.00	445,950.00	0.00	445,950.00
PP 7	96,400.00	14,460.00	2,000.00	0.00	0.00	0.00	112,860.00	0.00	112,860.00
PP 8	85,540.00	12,831.00	2,000.00	235,000.00	163,500.00	0.00	498,871.00	0.00	498,871.00
PP 9	117,600.00	17,640.00	31,000.00	0.00	0.00	0.00	166,240.00	0.00	166,240.00
Total (€)	2,269,980.00	340,497.00	201,000.00	1,521,000.00	386,500.00	0.00	4,718,977.00	0.00	4,718,977.00
% of total budget	48.10%	7.22%	4.26%	32.23%	8.19%	0.00%	100.00%	0.00%	100.00%

E.6 Project Budget - Overview per Work Package/ per Budget Line

Work Package	Staff Costs (€)	Office and administration (€)	Travel and accommodation (€)	External expertise and services (€)	Equipment (€)	Infrastructure and Works (€)	Sub-total (€)	Revenues (€)	Total (€)
WP 1	0.00	0.00	0.00	20,000.00	0.00	0.00	0.00	0.00	20,000.00
WP 2	280,800.00	42,120.00	49,000.00	30,000.00	0.00	0.00	401,920.00	0.00	401,920.00
WP 3	336,120.00	50,418.00	101,000.00	135,000.00	0.00	0.00	622,538.00	0.00	622,538.00
WP 4	181,320.00	27,198.00	15,000.00	100,000.00	0.00	0.00	323,518.00	0.00	323,518.00
WP 5	486,600.00	72,990.00	8,500.00	460,000.00	343,500.00	0.00	1,371,590.00	0.00	1,371,590.00
WP 6	751,340.00	112,701.00	21,000.00	741,000.00	43,000.00	0.00	1,669,041.00	0.00	1,669,041.00
WP 7	233,800.00	35,070.00	6,500.00	20,000.00	0.00	0.00	295,370.00	0.00	295,370.00
WP 8	0.00	0.00	0.00	15,000.00	0.00	0.00	0.00	0.00	15,000.00
Total (€)	2,269,980.00	340,497.00	201,000.00	1,521,000.00	386,500.00	0.00	4,718,977.00	0.00	4,718,977.00
% of total budget	48.10%	7.22%	4.26%	32.23%	8.19%	0.00%	100.00%	0.00%	100.00%

Part F - Partners contribution

Source(s) of Contribution

Total Contribution 943,795.40 Total Contribution Target 943,795.40

PP1 - Aix Marseille Provence Metropole (AMP Metropole)

Name of Organisation/ Source of Contribution	Legal Status	% of Total Partner Contribution	Amount (€)	Cash or In-kind Contribution	Comment
AMP	Public	100.00 %	150,410.00	in-kind	Agent Hours contribution in AMP
Total (€)		100.00	150,410.00		Contribution Target 150,410.00

PP2 - Air PACA

Name of Organisation/ Source of Contribution	Legal Status	% of Total Partner Contribution	Amount (€)	Cash or In-kind Contribution	Comment
Air PACA	Private	100.00 %	207,765.20	in-kind	staff costs of permanent who will contribute to the project
Total (€)		100.00	207,765.20		Contribution Target 207,765.20

PP3 - ARIA Technologies

Name of Organisation/ Source of Contribution	Legal Status	% of Total Partner Contribution	Amount (€)	Cash or In-kind Contribution	Comment
ARIA Technologies	Private	100.00 %	79,855.00	in-kind	in-kind hours : staff contribution
Total (€)		100.00	79,855.00		Contribution Target 79,855.00

PP4 - A Lab in the AIR

Name of Organisation/ Source of Contribution	Legal Status	% of Total Partner Contribution	Amount (€)	Cash or In-kind Contribution	Comment
a Lab in the Air - SCIC	Public	100.00 %	193,501.00	in-kind	Hours of people working on the project and non declared in expenditures. In kind hours of participation ; contribution in kind of partners and future associates of the SCIC such as thecamp It could also be cash from other public contribution : depending from their feedback to our demands.
Total (€)		100.00	193,501.00		Contribution Target 193,501.00

PP5 - Mobigreen -La Poste

Name of Organisation/ Source of Contribution	Legal Status	% of Total Partner Contribution	Amount (€)	Cash or In-kind Contribution	Comment
Mobigreen	Private	100.00 %	67,480.00	in-kind	Hours in kind of contribution on the projects
Total (€)		100.00	67,480.00		Contribution Target 67,480.00

PP6 - Matrice

Name of Organisation/ Source of Contribution	Legal Status	%of Total Partner Contribution	Amount (€)	Cash or In-kind Contribution	Comment
MATRICE	Private	100.00 %	89,190.00	in-kind	hours contribution in-kind
Total (€)		100.00	89,190.00		Contribution Target 89,190.00

PP7 - L'Air et Moi

Name of Organisation/ Source of Contribution	Legal Status	%of Total Partner Contribution	Amount (€)	Cash or In-kind Contribution	Comment
L'Air et Moi	Private	100.00 %	22,572.00	in-kind	staff costs in-kind
Total (€)		100.00	22,572.00		Contribution Target 22,572.00

PP8 - Groupe Tera

Name of Organisation/ Source of Contribution	Legal Status	%of Total Partner Contribution	Amount (€)	Cash or In-kind Contribution	Comment
GROUPE TERA	Private	100.00 %	99,774.20	in-kind	staff costs in-kind
Total (€)		100.00	99,774.20		Contribution Target 99,774.20

PP9 - AVITEM

Name of Organisation/ Source of Contribution	Legal Status	%of Total Partner Contribution	Amount (€)	Cash or In-kind Contribution	Comment
AVITEM	Public	100.00 %	33,248.00	in-kind	In kind PM contribution on the project
Total (€)		100.00	33,248.00		Contribution Target 33,248.00

Part G - Risk Management

Description of the risk	Properties		Actions to mitigate the risk
DIAMS embodies a cultural shift within the air sector: from centric approaches to stakeholders-driven approaches, from strict plans to experimentation. The political system does not easily allow for change, and resistance is expected to arise potentially leading to political disengagement.	Impact	Serious	To overcome these difficulties (1) We dedicate a substantial work to the co-elaboration of effective organisational and governance frameworks; (2) ensure the smooth implementation of the program through a "project based" approach and the publication of interim results; (3) implement a thorough communication plan.
	Likelihood	Remote	
Difficulty to engage stakeholders. Public resistance can arise from distrust of the governments and concerns about the loss of control over their personal data - a concern shared by private companies who resist sharing valuable information.	Impact	Serious	By allowing stakeholders to be a part of the design process, they become part of the project and more than just the recipient of it. Moreover, the program includes extensive work on private data management and the design of business models.
	Likelihood	Remote	
Lack of digital skills in the Metropolitan staff	Impact	Incident	DIAMS enable civil servants to learn those skills and practice them on live projects, together with external partners that will share their experience. In addition, the Metropole will hire dedicated staff.
	Likelihood	Possible	

Part H - Confirmation**(Main) Urban Authority confirmation and signature**

(Main) Urban Authority Aix Marseille Provence Metropole (AMP Metropole)

By signing the application form the (Main) Urban Authority hereby confirms that:

the Urban Authorities involved in this project proposal are not involved in other proposals submitted to the UIA Initiative as part of this current Call for Proposals;

the project neither in whole nor in part has or will receive any other complementary EU funding (except for the funding indicated in this application form) during the whole duration of the project;

the project partners listed in the application form are committed to take part in the project's activities and financing;

the (Main) Urban Authority and the project partners will act according to the provisions of the relevant national and EU legislation and policies (especially regarding structural funds, public procurement, state aid, environment and equal opportunities) as well as the specific provisions of the UIA Initiative;

the information in the Application Form is accurate and true to the best knowledge of the (Main) Urban Authority

general information about this project can be used by the UIA Initiative to liaise with national and regional authorities in charge of implementation of operational programmes funded by the European Structural and Investment Funds

Forename, Surname Jean-Claude GAUDIN

Date 23/03/2018

Position Président

Place Marseille

Authorized signature
of (Main) Urban
Authority



Région
Hauts-de-France

Le Président
Le Vice-Président

Martine VASSAL
Présidente
Aix Marseille Provence Métropole
58 Bd Charles Livon
13007 Marseille
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Réf : DEU 2017-09639
Dossier suivi par : Jean-Pierre LEGRAND et Loïc FERIN
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Lille, **17 OCT. 2018**

Objet : Approbation de votre projet par le comité de sélection du programme Actions Innovatrices Urbaines

Madame la Présidente,

Le Comité de sélection composé de la Commission Européenne, du Secrétariat Permanent de l'Initiative Actions Innovatrices Urbaines et de la Région Hauts-de-France s'est réuni le 17 septembre à Lille pour sélectionner les projets du troisième appel à projets.

Au titre de la convention de délégation de gestion, exercée par le Conseil Régional des Hauts-de-France, nous avons l'honneur et le plaisir de vous annoncer la sélection de votre projet DIAMS dont vous êtes l'autorité urbaine principale.

Le comité de sélection a décidé de l'octroi de cofinancements du Fonds Européen de Développement Régional – FEDER – d'un montant de 3 775 181 euros.

La Région Hauts-de-France et son Secrétariat Permanent vous contacteront dans les prochains jours pour vous donner davantage d'informations sur l'évaluation et le démarrage officiel de votre projet.

Nous vous souhaitons plein succès dans la mise en œuvre de votre projet et vous prions d'agréer, Madame la Présidente, l'expression de nos salutations distinguées.

Nicolas LEBAS
Vice-Président
Enseignement Supérieur,
Recherche, Europe et
Planification Territoriale

Xavier BERTRAND
Président

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