

**Interreg**  
**Sudoe**



**ADDISPACE**  
European Regional Development Fund

**ADDISPACE**

**Monitoring Report Nº 5**  
**Semester 6: January-June 2019**

## 1. MONITORING OF PLANNED ACTIVITIES BY WP

### 1.1.1. Review of Deliverables & Outputs

Number	Name of the task	Responsible	Delivery time	Updated Delivery time	Status
<b>GT 1 Diagnosis and study opportunities of additive manufacturing technologies in the aerospace industry SUDOE</b>		<b>PEMAS</b>			
1	E 1.1.1 Study of diagnosis : 1	PEMAS	31/10/2016	31/05/2017	Achieved
2	E 1.2.1 Study barriers to AM adoption : 1	PEMAS	31/12/2016	31/05/2017	Achieved
3	E 1.3.1 Consolidated study opportunities (EN, ES, FR et PT) : 1	PEMAS	28/02/2017	30/06/2017	Achieved
<b>GT 2 Project demonstrative pilot of transfer additive manufacturing technologies in aerospace SMEs</b>		<b>LORTEK</b>			
4	E 2.1.1 Terms of reference of pilot experiences : 1	LORTEK	31/03/2017	06/02/2018	Achieved
5	E 2.2.1 Report results testing program : 1	LORTEK	28/02/2018	14/11/2018	Achieved
6	E 2.3.1 Consolidated study result of 4 pilot experiences : 1	LORTEK	31/10/2018	31/05/2019	Achieved
<b>GT 3 Dissemination and transfer of additive manufacturing technologies in enterprises and SMEs</b>		<b>IPLeiria</b>			
7	E 3.1.1 Report Results Transfer Workshops : 1	IPLeiria	31/10/2017	30/04/2019	Achieved
8	E 3.2.1 Offer catalogue and online solution (EN, ES, FR et PT) : 1	IPLeiria	28/02/2018	28/02/2018	Achieved
9	E 3.3.1 Conferences results report : 1	IPLeiria	31/03/2019	30/04/2019	Achieved
<b>GT 4 Specialized Training oriented to absorption of additive manufacturing technologies in the aerospace sector</b>		<b>ESTIA</b>			
10	E 4.1.1 Study of training needs (ES, FR et PT) : 1	ESTIA	30/04/2017	30/08/2017	Achieved
11	E 4.2.1 Consolidated report of the results of pilot training : 1	ESTIA	30/09/2018	30/04/2019	Achieved
12	E 4.3.1 Frame, profiles and training routes in AM (EN, ES, FR et PT) : 1	ESTIA	28/02/2019	31/05/2019	Achieved
<b>GT 5 Towards SUDOE platform additive manufacturing technology transfer in the aerospace sector</b>		<b>LORTEK</b>			
13	E 5.1.1 Roadmap and Action Plan Platform ADDISPACE : 1	LORTEK	31/10/2018	31/10/2018	Achieved
14	E 5.1.2 Execution report of the roadmap : 1	LORTEK	30/06/2019	30/06/2019	Achieved
15	E 5.2.1 Policy and Strategic Brief (EN, ES, FR, PT) : 1	LORTEK	31/03/2019	15/06/2019	Achieved

### 1.1.2. Task and agreement for semester following Work Plan agreed on Irún meeting (13.03.2019)

WHAT	WHO	WHEN (deadline)	STATUS
<b>GT2</b>			
Finish Industrial Phase of Pilot 2	IPLeiria & GNCL	15/06/2019	Achieved
Send to LORTEK the information from each one of the Viability assessment phase	All	22/03/2019	Achieved
Report of Viability phase E 2.3.1 and review from partners. Analysis of the main results obtained during the 4 pilot experiences with the results of the 4 viability studies.	LORTEK / All	31/05/2019	Achieved

WHAT	WHO	WHEN (deadline)	STATUS
<b>GT3</b>			
<p>To develop a justificative document (small report) of each one of these events (workshops and conferences):</p> <ul style="list-style-type: none"> <li>- Marinha Grande</li> <li>- Irun (Ficoba)</li> </ul> <p>They are deliverables of GT3. It exists a template for it</p>	IPLeiria ESTIA	17/05/2019	Achieved

WHAT	WHO	WHEN (deadline)	STATUS
<b>GT4</b>			
<p>Send Template to be completed:</p> <ul style="list-style-type: none"> <li>- Training module program updated</li> <li>- Professional profiles</li> <li>- Evaluation / Feedback of the training module</li> <li>- Possible certification</li> <li>- Ideas for the sustainability of the offer</li> <li>- Opportunity to exchange presentations with other partners / How to transfer the competences?</li> </ul>	ESTIA / LORTEK, IPLeiria, FADA-CATEC	03/04/2019	Achieved
To develop a deliverable (or 3 deliverables) with the results of the different training sessions with the contributions of all the partners (Deliverable 4.2.1)	ESTIA	31/05/2019	Achieved
Report/Deliverable of the "Activity 4.3 – proposal of a training framework" (profiles, itineraries of AM...)	ESTIA	31/05/2019	Achieved

WHAT	WHO	WHEN (deadline)	STATUS
<b>GT5</b>			
Deliverable 5.2.1 Policy & Strategic Brief with annexes Send to LORTEK <b>REVISION FROM ALL PARTNERS AND SOME INPUTS FROM SOME PARTNERS.</b>	all partners	30/04/2019	Achieved
Deliverable 5.1.2 results of the implementation of the Road Map and Action Plan	LORTEK & all partners	30/06/2019	Achieved

WHAT	WHO	WHEN (deadline)	STATUS
<b>GTT1.</b>			
Guidelines for filling the next Technical Report period (Oct 2018 - March 2019) (4th Reporting Period)	INI	11/04/2019	Achieved
If wanted, contact to INI for review the reports and the expenses of the 4 <sup>th</sup> reporting period	All partners	03/05/2019	Achieved
Contact with the individual First Level Controllers (FLC) to check the expenses before the official submission (click the button "declare").	All partners	03/05/2019	Achieved
Submission of individual reports to FLC for the 06/05/2019. Declaration of Expenses (Model A1)	All partners	06/05/2019	Achieved
Verification of the Expenses by FLC for 15/05/2019 (Model A2)	First Level Controller of each partner	15/05/2019	Achieved
Validation of the Expenses by Spanish & Portuguese National Authorities (Model A3)	Spanish and Portuguese National Authorities	14/06/2019 ???	Achieved
Minutes of Irun MEETING and Work Plan for next Months	INI	29/03/2019	Achieved
<b>Next project meeting</b> will be in San Sebastián / Donostia, the 14th of June, the day after the Final Dissemination Seminar (GTT2).	AFM / ESTIA / All partners	14/06/2019	Achieved
First draft of Agenda and logistics info shared with partners.	AFM / ESTIA / INI	April / May 2019	Achieved

WHAT	WHO	WHEN (deadline)	STATUS
<b>GTT2.</b>			
Final Dissemination Seminar of ADDISPACE: - Date: 13th of June 2019, - Venue: "Orona-Ideo", Hernani (Gipuzkoa)	AFM / All	13/06/2019	Achieved
Send a draft version of the programme	AFM	April 2019	Achieved
To develop a Report of the Final Dissemination Seminar	AFM	25/06/2019	Achieved
Update of website	AFM	Ongoing	Achieved

<b>GTT3.</b>			
Monitoring Report N° 5 (Period Jan-June 2019)	INI / ESTIA	25/06/2019	Achieved

## 2. BALANCED SCORECARD

INDICATOR	TARGET VALUE	PERIOD VALUE	AGGREG. VALUE	ACHIEVEMENT %
<b>GT1. DIAGNOSIS</b>				
Companies consulted on online survey	100		79	79%
Companies consulted in groups	60		80	133%
Consolidated Report with diagnosis and opportunities	1		1	100%
Downloads of consolidated report	500			
<b>GT2. PILOTS</b>				
ToR of pilots	4		4	100%
Research & technology centers engaged in Pilots	6		6	100%
Companies engaged in Industrial Research stage of Pilots	4		6	150%
Companies engaged in Viability stage of Pilots	4	0	4	100%
Companies proposing components for Pilots following open call	15		7	47%
Companies expressing interest on getting involved on viability stage following open call	20	0	7	35%
<b>GT3. TRANSFER</b>				
Transfer Workshops held	4	1	4	100%
Attendants to Transfer Workshops	120	100	380	317%
Companies showing interest and engaged in brokerage event on 3rd Transfer Workshop	50			
Companies engaged in tech transfer initiatives	20			
Conferences held	3	1	3	100%
Attendants to Conferences	240	100	300	125%
Other universities and technology centers attending Conferences	25			
MAM players showcased on catalogue of MAM offer	80	20	105	131%
Downloads of catalogue	200			
<b>GT4. EDUCATION AND TRAINING</b>				
ToR of pilots	6	0	6	100%
N° of students benefitting from Higher Education Pilot	20	0	20	100%
N° of students benefitting from Vocational Training Pilot	20	0	12	60%
N° of students benefitting from Lifelong Learning Pilot	40	30	65	163%
N° of vocational institutions transferring Vocational Training Pilot	2			
N° of vocational institutions transferring lifelong Learning Pilots	5			
Education and Training Report with framework and itineraries	1	1	1	100%
Download of Training Report	150			
Presentation of Brief to regional/national authorities	5			
<b>GT5. TOWARDS A PLATFORM</b>				
Roadmap for a platform	1	1	1	100%
Organisations engaged in future platform	8			
Policy & Strategic Brief	1			
Downloads of Policy & Strategic Brief	8			
Presentation of Brief to regional/national authorities	5			
<b>GT2. COMMUNICATION</b>				
Project logo	1		1	100%
Project website	1		1	100%
Project posters	9		9	100%
Project roll-up	3		4	133%
Project brochure	3	0	4	133%
Downloads of brochure	200			
Average number of users a month in website	500	96	79	16%
Average number of pages visited a month in website	2.000	138	210	11%
Total number of news on website	50	6	26	52%
Newsletters numbers	6	1	6	100%
Subscribers to newsletter	200	140	550	275%
Final Conference	1	1	1	100%
Attendants to Final Conference	80	85	85	106%
Number project events where ADDISPACE is disseminated	18	2	24	133%

### 3. RISK MANAGEMENT

Risk 1: Low stakeholder and end-user engagement during and after the project			
Prob.	Impact	Early warning indicators	Early warning indicators assessment
2	4	Low stakeholder engagement and participation	<p>By the time being participation of stakeholders is deemed as relevant and to the point.</p> <p>Attendants of stakeholders at Transfer Workshop and Conference exceed the original targets, as these have taken place in the framework of bigger events like in Arcachon, Seville, Marinha Grande, and Irún Conferences and Workshop was deemed as a success with more than 100 participants mainly coming from the industry.</p> <p>The number of companies applying to the Call for the selection of companies benefitting from the Viability Stage is deemed as low, though, in spite of the extension of the call deadline to June 2018. Finally, partners contacts and face to face efforts were more important to outreach potential companies than the digital dissemination efforts conducted.</p>
<b>Mitigation measures planned</b>		<p>In the original application form, 3 Transfer Workshops were planned. An additional 4<sup>th</sup> Transfer Workshop took place in the framework of the 3<sup>rd</sup> Conference in Irún (Border France-Spain) in March 2019.</p> <p>This allowed disseminating the results from the Industrial research stage and the viability stage from the Pilots in GT2 as well as the results from the Education &amp; Training Pilots in GT4.</p>	

<b>Risk2: Low adoption of MAM by aerospace sector in the Sudoe region at the end of the project</b>			
<b>Prob.</b>	<b>Impact</b>	<b>Early warning indicators</b>	<b>Early warning indicators assessment</b>
3	4	Economic analysis of pilots unveils prohibitive costs for the whole chain of MAM and low economic advantages for Aerospace industries	Finally the costs are not such prohibitive, so it can be demonstrated the availability of MAM for this sector. And it has be open the interest in the sector.
<b>Mitigation measures planned</b>		Not necessary.	

<b>Risk3: Low adoption of MAM by aerospace sector in the Sudoe region at the end of the project</b>			
<b>Prob.</b>	<b>Impact</b>	<b>Early warning indicators</b>	<b>Early warning indicators assessment</b>
1	3	Drastic changes in the national and regional priorities and political engagement towards AM and the aerospace sector.	After the policy and market analysis conducted in the framework of the development of the Road Map and policy Brief, there have not been found drastic changes in the national and/or regional priorities. By contrast all the administrations are interested.
<b>Mitigation measures planned</b>		Not necessary.	

#### 4. QUALITY CONTROL

All the deliverables generated during the project have been reviewed by the rest of the partners and mainly by the associated partners.



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