

Interreg
Sudoe



ADDISPACE

European Regional Development Fund

ADDISPACE

Monitoring Report Nº 4
Semester 5: July-December 2018

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
GT 1 Diagnosis and study opportunities of additive manufacturing technologies in the aerospace industry SUDOE		PEMAS			
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
GT 2 Project demonstrative pilot of transfer additive manufacturing technologies in aerospace SMEs		LORTEK			
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	15/02/2019	Underway
GT 3 Dissemination and transfer of additive manufacturing technologies in enterprises and SMEs		IPLeiria			
7	E 3.1.1 Report Results Transfer Workshops : 1	IPLeiria	31/10/2017	28/02/2019	Underway
8	E 3.2.1 Offer catalog 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	31/03/2019	Underway
GT 4 Specialized Training oriented to absorption of additive manufacturing technologies in the aerospace sector		ESTIA			
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	31/01/2019	Underway
12	E 4.3.1 Frame, profiles and training routes in AM (EN, ES, FR et PT) : 1	ESTIA	28/02/2019	28/02/2019	Underway
GT 5 Towards SUDOE platform additive manufacturing technology transfer in the aerospace sector		LORTEK			
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	Underway
15	E 5.2.1 Policy and Strategic Brief (EN, ES, FR, PT) : 1	LORTEK	31/03/2019	31/03/2019	Underway

1.1.2. Task and agreement for semester following Work Plan agreed on Marinha Grande meeting

WHAT	WHO	WHEN (deadline)	STATUS
GT2			
To develop the deliverable 2.2, Report of results and recommendations (deliverable of task 2.2), LORTEK send a template to compile all the results and recommendations obtained from the Task 2: Industrial research phase.	LORTEK	16/10/2018	Achieved
The leader of each pilot send back to LORTEK the filled in template	ESTIA / IPLeiria / FADA-CATEK /	24/10/2018	Achieved

Start with the Implementation of Viability assessment	All	01/10/2018	Achieved
To send the Deliverable 2.2	LORTEK	15/11/2018	Achieved
Results of the Viability phase	LORTEK	15/01/2019	Underway
Report of Viability phase	LORTEK	15/02/2019	Underway
March 2019: Presentation of the results of the Pilot projects at the 3th Conference organized by ESTIA in IRUN.	LORTEK / ESTIA	14/03/2019	Underway
IP Leiria will send to the partners involved in GT2, an update of the situation and plans for the viability study of Pilot 2 and the situation of the contacts maintained with Unilaser .	IP LEIRIA	31/10/2018	Underway
GNC Laser will send to all the partners an update with detailed information about his situation and his involvement in the project (situation in Pilots, missing certifications of the expenses, missing the meetings of Marinha Grande...)	GNC Laser	31/10/2018	Underway

WHAT	WHO	WHEN (deadline)	STATUS
GT3			
Draft programme and some more information of IRUN Conference and Workshop (14/03/2019)	ESTIA / INI	21/12/2018	Achieved & underway
Dissemination of IRUN Conference	AFM, ESTIA & All	December onwards	Onwards

WHAT	WHO	WHEN	STATUS
GT4			
To develop a deliverable (or 3 deliverables) with the results of the different training sessions	ESTIA	21/12/2018	Underway

with the contributions of all the partners (Deliverable 4.2.1)			
Report/Deliverable of the "Activity 4.3 – proposal of a training framework" (profiles, itineraries of AM...)	ESTIA	30/03/2019	Onwards

WHAT	WHO	WHEN	STATUS
GT5			
Deliverable 5.1.1 Agreed Road Map and Action Plan	LORTEK	19/10/2018	Achieved
Send a questionnaire/template to all the partners in order to evaluate the lessons learnt during this project and to create favorable environments for the technology transfer between centres and industry.	LORTEK	05/10/2018	Achieved
Send back to LORTEK the filled in questionnaire/template	All partners	14/12/2018	Underway
Deliverable 5.2.1 Policy & Strategic Brief with annexes	LORTEK & all partners	31/03/2019	Onwards
Deliverable 5.1.2 results of the implementation of the Road Map and Action Plan	LORTEK & all partners	30/06/2019	Onwards

WHAT	WHO	WHEN	STATUS
GTT1.			
Guidelines for filling Technical Report April - Sept. 2018 period (3rd Reporting Period)	INI	15/10/2018	Achieved
If wanted, contact to INI for review the reports and the expenses of the 3 rd reporting period	All partners	31/10/2018	Achieved
Contact with the individual First Level Controllers (FLC) to check the expenses before the official submission (click the button "declare").	All partners	31/10/2018	Achieved
Submission of individual reports to FLC for the 09/11/2018. Declaration of Expenses (Model A1)	All partners	09/11/2018	Achieved

Verification of the Expenses by FLC for 16/11/2018 (Model A2)	First Level Controller of each partner	16/11/2018	Achieved with delayed but
Validation of the Expenses by Spanish & Portuguese National Authorities (Model A3) - 15/12/2018 ???	Spanish and Portuguese National Authorities	15/12/2018 ???	Achieved for MICRONORMA and AEDCP
Minutes of Marinha Grande MEETING and Work Plan for next Semester	INI	24/10/2018	Achieved
Next project meeting (7th) in IRUN , the previous day of the 3 rd Transfer conference and 4 th Technical Workshop (GT3) – 14/03/2019, coincident with FICOBA.	ESTIA / All partners	13/03/2019 (in the afternoon)	Onwards
First draft of Agenda and logistics info shared with partners.	ESTIA / INI	21/12/2018	Achieved with delay in January 2019
Send some ideas or clarification about how to focus a new project to fix with "capitalization" of the new call SUDOE.	INI	31/12/2018	Achieved with delay in January 2019

WHAT	WHO	WHEN	STATUS
GT2.			
Proposal of dates in May/June and draft programme for the Final Dissemination Seminar of ADDISPACE in Basque Country (Donosti)	AFM	30/11/2018	Underway Date: 13/06/2019 Donosti / San Sebastián
Update of website	AFM	Ongoing	Ongoing
Support to ESTIA with Conference programme and dissemination	AFM	December onwards	Underway

WHAT	WHO	WHEN	STATUS
GT3.			
Monitoring Report N° 4	INI / ESTIA	31/01/2019	Achieved

2. BALANCED SCORECARD

INDICATOR	TARGET VALUE	PERIOD VALUE	AGGREG. VALUE	ACHIEVEMENT %
GT1. DIAGNOSIS				
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			
GT2. PILOTS				
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%
GT3. TRANSFER				
Transfer Workshops held	4	1	3	75%
Attendants to Transfer Workshops	120	25	145	121%
Companies showing interest and engaged in brokerage event on 3rd Transfer Workshop	50			
Companies engaged in tech transfer initiatives	20			
Conferences held	3	1	2	67%
Attendants to Conferences	240	83	163	68%
Other universities and technology centers attending Conferences	25			
MAM players showcased on catalogue of MAM offer	80	15	85	106%
Downloads of catalogue	200			
GT4. EDUCATION AND TRAINING				
ToR of pilots	6	0	6	100%
Nº of students benefitting from Higher Education Pilot	20	0	20	100%
Nº of students benefitting from Vocational Training Pilot	20	9	21	105%
Nº of students benefitting from Lifelong Learning Pilot	40	23	23	58%
Nº of vocational institutions transferring Vocational Training Pilot	2			
Nº of vocational institutions transferring lifelong Learning Pilots	5			
Education and Training Report with framework and itineraries	1			
Download of Training Report	150			
Presentation of Brief to regional/national authorities	5			
GT5. TOWARDS A PLATFORM				
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			
GT12. COMMUNICATION				
Project logo	1		1	100%
Project website	1		1	100%
Project posters	9		9	100%
Project roll-up	3		1	33%
Project brochure	3	1	2	67%
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	3	5	83%
Subscribers to newsletter	200	140	550	275%
Final Conference	1			
Attendants to Final Conference	80			
Number project events where ADDISPACE is disseminated	18	1	22	122%

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 and Marinha Grande Conferences and Workshop was deemed as a success with more than 80 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>
Mitigation measures planned		<p>In the original application form, 3 Transfer Workshops were planned. An additional 4th Transfer Workshop is planned to take place in the framework of the 3rd Conference to take place in Irún (Border France-Spain) in March 2019.</p> <p>This will allow 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 & Training Pilots in GT4.</p>	

Risk2: Low adoption of MAM by aerospace sector in the Sudoe region at the end of the project			
Prob.	Impact	Early warning indicators	Early warning indicators assessment
3	4	Economic analysis of pilots unveils prohibitive costs for the whole chain of MAM and low economic advantages for Aerospace industries	Non-applicable yet. Viability stage results from GT2 Pilots will be available by the beginning of 2019.
Mitigation measures planned		Not necessary.	

Risk3: Low adoption of MAM by aerospace sector in the Sudoe region at the end of the project			
Prob.	Impact	Early warning indicators	Early warning indicators assessment
1	3	Drastic changes in the national and regional priorities and political engagement towards AM and the aerospace sector.	Non-applicable yet. Policy and market analysis will be conducted in the first semester of 2019 in the framework of the Road Map and policy Brief to be drafted in GT5.
Mitigation measures planned		Not necessary.	

4. QUALITY CONTROL

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

Interreg
Sudoe



ADDISPACE
European Regional Development Fund

www.addispace.eu