

**Interreg**  
**Sudoe**



EUROPEAN UNION

**ADDISPACE**

European Regional Development Fund

## **E 5.1.1 ADDISPACE ROADMAP AND ACTION PLAN**

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## 1. Scope

This report has been written to contribute to the fifth Work Package of the ADDISPACE project, i.e. *WP5: Towards a SUDOE platform for technology transfer of additive manufacturing in the aerospace sector*, and specifically to the *Task 5.1: Roadmap and Action Plan of the ADDISPACE Platform*.

Firstly, a general introduction to explain the need for an establishment of a platform is explained. Afterwards, the roadmap for the platform and the action list to implement are described. This document will be supported by Deliverable E 5.1.2 devoted to the implementation of the defined action plan.

## 2. Introduction

ADDISPACE is promoting technological transference and diffusion of Additive Manufacturing (AM) to SMEs. However, the aim of the project is to continue providing such services beyond the end of the project to i) reduce the technological gap between SUDOE territories in AM, both in general and in particular oriented to aerospace sector, and (ii) consolidate AM in SUDOE region. For this a platform comprising ADDISPACE entities (research institutes and universities, SMEs and associations) from SUDOE space will be created. This platform will ensure sustainability of ADDISPACE towards project results, generated knowledge and created collaboration culture between the partners. So, the platform will have the baseline to become a consolidated network for AM at European level.

The goal of the present document is to establish the roadmap of the platform and the action list to be implemented until the end of the project to set-up the platform.

*Figure 1* shows the territories comprising the SUDOE region. According to FOFAM project, national initiatives and development of AM hubs, the SUDOE territories that have strong capabilities in AM are identified in France (blue), Spain (purple) and Portugal (green).

ADDISPACE partners and associates belong to territories that are both more and less advanced in AM:

- France: Aquitaine, Midi-Pyrénées;
- Spain: Basque Country and Andalucía;
- Portugal: Centre, Lisboa and North

So, their collaboration within a platform will contribute to promote technological convergence in AM technologies in SUDOE space at medium term.

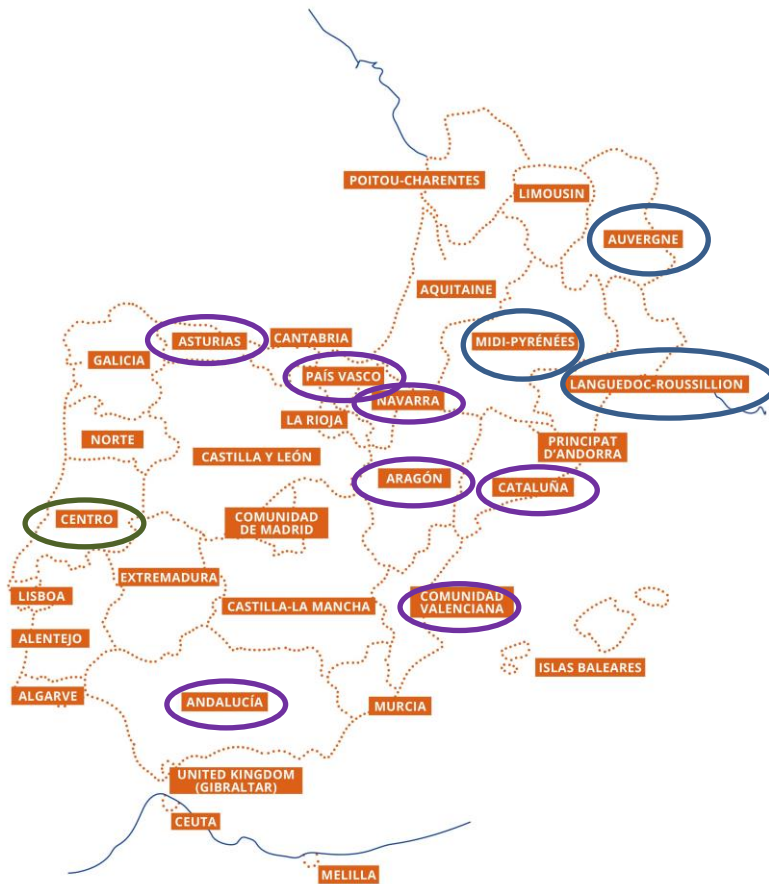


Figure 1. SUDOE Space. Territories with strong capabilities in AM are marked.

### 3. Platform Roadmap

The roadmap encompasses the lifespan of the platform for short, medium and long term according to subjects such as Goals, Legal, Governance, Finance, and Services, which are necessary to define in order to implement a platform.

The partners identified various main actions along the time that need to be considered to assure the sustainability of ADDISPACE through the platform. It is considered as short term the duration of ADDISPACE project, mid-term until 2025 and long term beyond 2025, as shown in Figure 2.

The main actions at short term envisage the establishment of the platform, including the aspects ruling the platform itself. The medium term actions are focused on assuring the sustainability of the platform in the SUDOE regions by enrolling more members, creating alliances with different entities and opening the activities to other industrial sectors. Finally, long term actions boost the platform as a stable technology transfer space with European dimension for Aerospace and other industrial sectors.

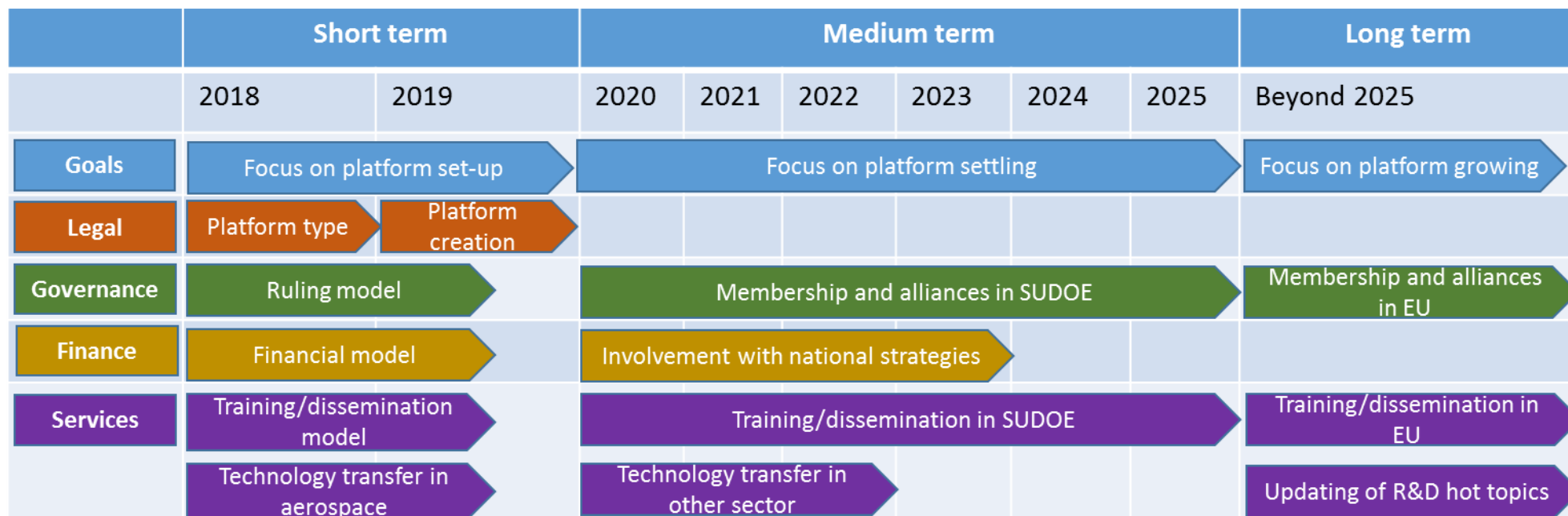


Figure 2. Roadmap for ADDISPACE Platform sustainability

Additionally, an effort has been made to identify a detailed roadmap for short term actions, including an Action Plan that will be implemented until the end of the project (*Figure 3*). This detailed list encompass Level 2 actions to achieve an effective platform set-up during the ADDISPACE project execution focused on AM technologies for Aerospace sector. Afterwards, and within a medium-term timeline, the platform will be settled in the SUDOE region by opening the activities to other industrial sectors beyond Aerospace. In the long-term, the platform might be spread to other European regions.

The Action Plan include actions to be implemented in the following activities:

- Analysis of the platform type
- Platform creation
- Definition of a ruling model
- Definition of a financial model
- Definition of a training/dissemination model
- Development of a research agenda for technology transfer

Partners will work together until the end of the project to implement this Action Plan of the Roadmap, which will be collected in Deliverable E 5.1.2.

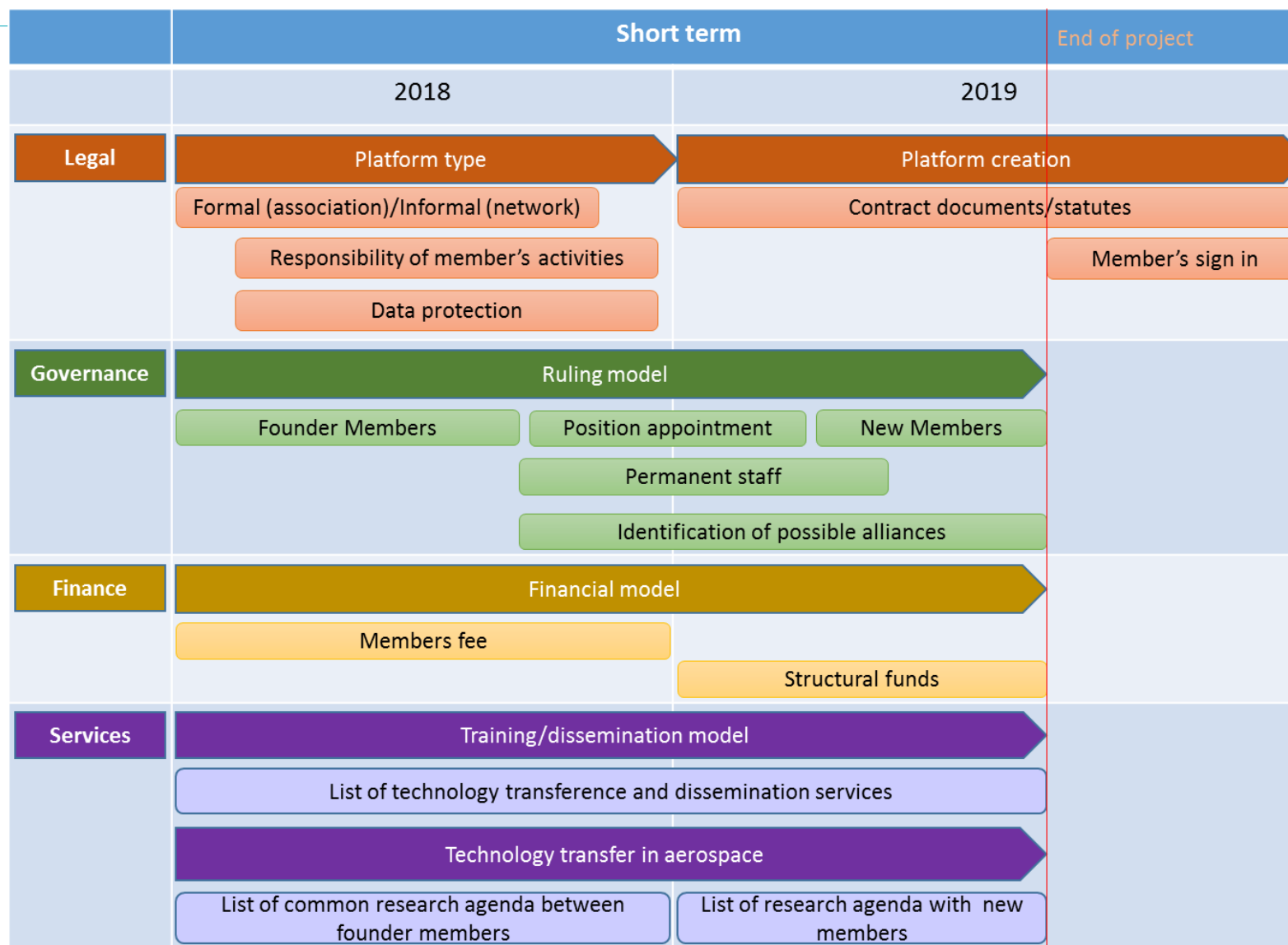


Figure 3. Level 2 short-term action plan roadmap

## 4. Short term Action Plan List

Partners agreed during the 6<sup>th</sup> Steering group project meeting held on 4<sup>th</sup> October 2018 on the short term action list for each topic considered to assure the sustainability of the platform in the short-term. This action list will be implemented by the end of the project.

*Table 1. Agreed detailed action plan list to be implemented*

SUBJECT	ACTION	DISCUSSION TOPICS BETWEEN THE PARTNERS
LEGAL	Formal/Informal	To be agreed if it is formal (association-legal form) or informal (network). To be decided the country where the platform will be established
	Responsibility of member's activities	Decide whether the Platform will be responsible or not for member's activities. Agree on the position of the platform for conflict resolution
	Data protection	Ensure member's data protection
	Contract documents/Statutes	Define the contents of the statutes of the platform
GOVERNANCE	Founder members	Decide who will be the founder members (ADDISPACE partners or partners and associates)
	Position appointment	Make a proposal for presidency, treasurer, general assembly, etc.
	New members	Decide what type of new members will entry in the platform (Entities related to AM, Aerospace sector, Other sectors, etc.)
	Permanent staff	Identify the need to hire permanent staff
	Identification of possible alliances	Associations, AM initiatives, etc.
FINANCE	Members fee	Check if members are willing to pay a fee
	Structural funds	Identify how the platform can be integrated in the regional innovation structures (through RIS3 and/or European regional development fund)
SERVICES	List of tech. transference and dissemination services	List type of events, frequency, location, etc.
	List of common research agenda between founder members	Identify thematic areas and topics to be covered
	List of research agenda with new members	Identify what new areas could be covered by new members



Answers to the different topics arisen for each subject will be provided individually by the partners and put them together for discussion. An agreement will be held for the implementation of the Platform before the end of the project. During the 7<sup>th</sup> Steering group project meeting these topics will be discussed and agreed for the implantation of the Action Plan included in the Road Map.

## 5. References

- [1] <https://www.interreg-sudoe.eu/programa/acerca-de-interreg-sudoe>
- [2] FOFAM project: [https://cordis.europa.eu/project/rcn/193434\\_es.html](https://cordis.europa.eu/project/rcn/193434_es.html)
- [3] PAMI - Portuguese Additive Manufacturing Initiative
- [4] Basque Digital Innovation Hub - Fabricación Aditiva
- [5] IAM 3D Hub



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