WG Education, Training, Communication

Introduction:

Through this working group, the regional situation of the aerospace technologies will be mapped, identifying the following three main ambits: learning resources, skilled human resources needs by enterprises and industry and training needs of end users in order to become technology users. This mapping process will lead us to the development of two Pilot Actions, by one hand, matching the identified training resources with industry demands, and by the other hand, raising awareness to end users and regional authorities.

1. MAPPING PROCESS: EDUCATION & TRAINING

At this phase, also known as the mapping process, it is intended to identify the learning resources, professional skills demanded by enterprises and the training needs of end-users. This work will be done as follows:

1.1. **Mapping of the UNIVERSITY LEARNING RESOURCES in the field of Aerospace Technologies.**

   Goal:
   To Identify the UNIVERSITY LEARNING RESOURCES in the field of Aerospace Technologies in each region.

   Methodology:
   To identify in each region all learning and training resources (at university and non university level) related to Aerospace technologies. This means:

   At University level: (career, university, specialisation)
   Sort of Entity: Universities, University Centres and Institutes
   Graduate/postgraduate: University qualifications: Graduate (University Degrees) and Postgraduate degrees (Master and PhD Programs)

   Non University level:
   Professional Certificates and other academic qualifications

   Outputs:
   University learning Resources identified.

1.2. **Mapping of the Professional Qualifications and Skills Required by ENTERPRISES in the Aerospace Technology Sector.**

   Goal:
   To identify, in the private sector, personnel needs and lack of training.

   Methodology:
   - Difficulties to meet the demand
   - Required Professional Profiles
   - Developed Strategies

Outputs:
Required Professional Qualifications by ENTERPRISES Identified

1.3. Mapping of the training needs of the end-users

Goal:
To identify the training needs of the end-users, especially at Regional Government level, with the aim of becoming Technology Users.

Methodology:
- To detect potential users
- To identify training and awareness-raising needs

Outputs:
End–Users training needs identified

2. PILOT ACTIONS

Introduction:
The outputs of the mapping process (identification of regional learning resources, professional skills demanded by enterprises and training needs of end-users) will be used to develop two pilot actions. The first one will match learning resources and professional skilled demanded, and the second sill be focused on regional governments as end-users.

2.1. 1st PILOT ACTION

Goal
To propose an action that links RESOURCES with DEMANDS

Methodology
To propose an action that matches outputs from the mapping process 1.1. Learning resources with 1.2 Professional qualifications required by private sector. In this sense a table will be built in order to match outputs.
The results of this pilot action will lead us to propose a regional learning strategy about the aerospace technologies

2.2. 2nd PILOT ACTION

Goal
Awareness raising actions focused on Regional Governments as potential end-users

Methodology
To SUGGEST an awareness raising PILOT ACTION focused on the Regional Governments, in order to show them available aerospace technologies and to become them aerospace technologies end-users.