

### **WP4.3 Identify existing good practises, and barriers to effective engagement, between Industry and the Technological Infrastructures (INFN, IFJ PAN, PSI)**

⇒ Identification of existing **good practices, barriers and ways** of promoting the effective **engagement of the Technological Infrastructures (TI) in supporting the European industries (EI)** for developing commercial products and services that may benefit the society at large.

⇒ Areas to be investigated include **Intellectual Property policy, Patenting rules, knowledge sharing** and other critical aspects related to the **exploitation of competences, equipment and services available at the TIs.**

⇒ A **report on the analysis of acquired data and conclusion document** will be prepared. In the **first part** of the report the **findings of the acquired data** are presented. In the **second part** we provide **proposals** of procedures for good collaboration practices to overcome barriers to effective engagement between EI and the TIs. Specific areas covered will include Intellectual Property policy, Patenting rules, and usage of equipment at Research Laboratories for R&D or production purposes.

# POSSIBLE WORK ORGANIZATION

The WP activity will be divided in three phases:

*Phase I: Interaction/contact with the TIs, and a representative sample of companies, identified respectively by WP3 and WP4.1-2, to acquire data and information on the task relevant topics.*

The scope of this phase is:

**a) Identification and contact of a sample of EIs** (public relations, commercial, patent offices) involved in production of particle accelerators components;

**b) Identification and contact of TIs** offices to acquire information on relations TI-EI.

(a) and b) activities have to be done in close collaboration with WP3 e WP 4.1-2)

**c) Classification of EI in term of competences** (vacuum systems, RF sources, magnets, RF cavities, ..)

**d) Preparation of a survey** to be sent to the industries competent offices to engage them in the discussion and to obtain a first feedback. Scope of the survey is to acquire information on their experience in the collaboration with TIs and possible suggestions and comments from TIs and EIs. Scope of the survey is also to know if there are regional, national, European programs that facilitate secondments of EI personnel and collaborations.

**e) Organization of 1-2 days meeting with EIs representatives** to clarify all critical points and to deeply investigate the various identified problems and proposed remedies. This analysis has to cover different geographical areas, different countries, different industry dimensions and both technological areas of large magnets and accelerators.

*Phase II: Analysis of acquired data and experiences and drawing up of a final conclusion document.*

Scope of this document is to:

- a) "make a picture" of the present situation with an elaboration of the acquired data
- b) propose procedures for good collaboration practises to overcome barriers to effective engagement between Industry and the Technological Infrastructures. This will include **ideas** to enhance the capability of the TIs cluster to intercept opportunities of collaboration originating from industrial world, a few actions, that will be felt worth being implemented within the time scale of the project, will be taken into consideration, prioritised and then selected for being carried out. Examples may include the setup of a showcase of the competences, infrastructure and services that TI are committed to offer to industry or a compilation of regional, national and European programs that may provide funding for supporting the secondments.

<b>Deliverables</b>
D4.1: Report on accelerator market study (M30)
D4.2: Report on SC magnet market study (M30)
D4.3: Report on best practice collaboration between industry and technology (M30)

<b>Milestones</b>
M4.1: 3 <sup>rd</sup> Party selected for survey on accelerator technologies (M15)
M4.2: Interim report on survey results in the field of SC Magnet Technologies (M15)
M4.3: Initial analysis of acquired data on good practices and identification of actions (M26)
M4.4: Survey on accelerator technologies received from 3rd party (M27)