

| Goal(s) | Actions | Relation to the INFRAINNOV-04 call | ARIES-2 |
|--|--|---|-------------|
| Coordination to ensure synergy, complementarity between the different TFs in order that EU stays at the forefront in the building of accelerators and magnet based large RIs / Providing services to industry / Improving the efficiency and quality of the work done in TFs with industry | Central coordination including organization of meetings, dissemination and communication, organization of calls, plan for a sustainable AMICI-2 in Horizon Europe. An important aim with such coordination will be to achieve synergetic gains through profiling of the different Technological Facilities in Europe, thereby rendering the competences and Technical Platforms of the Technological Facilities complementary. | <i>As the grant will not cover the full implementation of the common strategy/roadmap for technological developments, proposals should define a sustainability plan for its further implementation.</i> | 700 |
| | Relations with industry: central access point for industry to the different TFs, management of the access to databases, standard procedures and help in IP issues. | <i>...make use, when appropriate, of large-scale platforms combining R&D (Research and Development), integration and validation for the technological developments.</i> | |
| | Updating of the technological roadmap for TFs in view of the future Research Infrastructures and the development innovative products in close partnership with industry | <i>...identification of key techniques and trends which are crucial for future construction and upgrade of the involved Research Infrastructures and the definition of roadmaps and/or strategic agendas for their development, in close partnership with the industrial partners, especially with innovative SMEs</i> | |
| | Education and training of young engineers and technicians : internship program in both TFs and industry + some general courses from TF specialists. | <i>Proposals should contribute to fostering the potential for innovation of research (technology) infrastructures by reinforcing the partnership with industry, through e.g. transfer of knowledge and other dissemination activities</i> | |
| | Harmonization of standards like for system engineering and QA for future RI constructions and for new European cryogenic safety with the European Pressure Equipment directive. | <i>...the prototyping of higher performance methodologies, protocols, and instrumentation, including the testing of components, subsystems, materials, and dedicated software, needed to upgrade the involved research infrastructures, construct their next generation , or develop new advanced applications.</i> | |
| Ensuring the sustainability and long-term competitiveness of TFs and their use by industry | Open calls for partial financial support for the creation or upgrade, in co-operation with industry, of Technological Platforms for areas in accelerator and magnet technology that correspond to strategical needs identified in the roadmap but which are not sufficiently developed in Europe and which would lead to improved efficiency and environmental impact of the TFs and allow their opening to industry. | <i>...make use, when appropriate, of large-scale platforms combining R&D (Research and Development), integration and validation for the technological developments / ...the development of the identified fundamental technologies or techniques underpinning and arising from the efficient and joint use of the involved research (technology) infrastructures, taking into due account resource efficiency and environmental (including climate-related) impacts.</i> | 1000 |
| | | | 1700 |