**Horizon 2020**

**Marie Sklodowska Curie Actions**

**PROFILE FORM – Expression of Interest**

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| **Organization Name / Department** | Instituto Nacional de Tecnología Industrial /Centro INTI San Juan/UT Ambiente | **Organization Short Name** | INTI |
| **Organization Type** | University  Public Research Centre  Large Scale Enterprise  Small and Medium Scale Enterprise | Public Body  International NGO  National NGO | |
| **Research Fields** | Chemistry CHE  Social and Human Sciences SOC  Economic Sciences ECO  Information Science and Engineering ENG  Environment and Geosciences ENV  Life Sciences LIF  Mathematics MAT  Physics PHY | ***Sub-Fields / Keywords:***  Waste recovery  Sustainability  Reuse of resources | |
| **Short Description**  **of the Organization / Department** | The INTI was created in 1957, within the framework of the emergence of a set of national institutions intended to set in motion public investment, science and technology.  Its first laboratories were located in the Miguelete Technological Park on a 19-hectare site in the province of Buenos Aires, where today there are about thirty centers, as well as administrative and support areas. Today INTI is present with Regional and Multipurpose Centers throughout the country, which generate research and development in the network, in order to accompany and boost the industrial growth of each province. This expansion has allowed the institute to cover a wide range of industrial specialties, in conjunction with universities, state laboratories, public companies, business chambers and other organizations - both in the country and abroad - linked to technological activity.  With highly specialized professionals and laboratories equipped with appropriate equipment and equipment - in some cases unique in the region - their current capabilities cover almost every area of ​​the industry.  Regional and multipurpose centers throughout the country to generate R & D in Network  About 80% of the services offered by INTI are aimed at Argentine SMEs, with the aim of enhancing their competitiveness both locally and globally, favoring value added, incorporating innovation and design, job creation and development Of new markets.  Another characteristic that makes the INTI a unique institution in the country is that it acts as a national reference in the field of measurements, having been constituted as National Institute of Metrology, according to Law 19511 (Decree 788/03). For this reason it is the responsibility of the national standards of measurement to be reproduced and maintained, and their accuracy should be disseminated. This task contributes to ensuring the quality of measurements related to the care of the environment, health, food, public safety, fairness in trade and the quality of industrial production.  INTI San Juan Center was created in 2013, achieving a phase of representation of the institution throughout the national territory. Currently has professionals who work in six technical units, from where it covers the technological demands of the provincial industrial sector | | |
| **Previous Related Projects / Research Experience** | **Previous Related Projects**:   * Sharing in Project SUMO, “*Sustanaible Use of Biomass from Oleaginous Processings*”. The aim of the project is to develop different but complementary valorization routes for the sustainable use of the main oily seeds processing by-products. The general expected result is the design of several alternatives of bio-refinery units adaptable to the current biomass processing and consumption sites and flexible to process vegetable processing by-products and other by-products and wastes generated in the nearby. Call 2014 ERANET-LAC - Consortium formed by Spain, Germany, Portugal, Chile, Uruguay and Argentina. * Design and development of the olive residue map san juan 2016, with national projection. Currently under development   ---------------------------------------------------------------  **Research Experience** : experience in technological linkage, formulation and execution of technological projects with financing from national and international organizations. Strong knowledge in strategic planning, diagnosis, control and continuous improvement of production processes and treatment of effluents, emissions and waste.  Work experience in multinational companies, SMEs and productive enterprises, in public and private research centers of the first line, National Universities and in the public sector.  Training and experience in implementation and maintenance of Quality Management Systems and Environment, quality assurance applied to Laboratories. Experience in training and management of Laboratory Networks. | | |
| **Short Description of the Project idea**  **(if foreseeable)** | **Project VA:** *“Obtaining natural antioxidants and other biomolecules of interest for the nutraceutical industry from alperujo”.*  The objective of this project is the implementation of a technology already tested in the Institute of Fat (CSIC - Seville, Spain) called thermobshake that allows the recovery of the alperujo by means of the extraction of natural antioxidants. This technology manages to avoid or minimize environmental problems caused by the application to the soil of the alperujo containing polyphenols, improves the quality of the solid residue obtained and, simultaneously, allows to recover antioxidant compounds of high value in the nutraceutical industry. | | |
| **Related Call** |  | | |
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