

## **Final Report of the Joint Bilateral Agreement CNR / IDEA GTO (Guanajuato State, Mexico)**

### **Biennial Programme 2025- 2026**

Considering the General Agreement signed on December 22, 2021, the joint call for the bilateral project program launched on July 25, 2024, a recent exchange of emails and a video call meeting between the Institute of Innovation, Science and Entrepreneurship for Competitiveness for the State of Guanajuato (IDEA GTO) and CNR, both Parties have jointly decided to fund, within the framework of the future joint program, up to 2 projects granting 20.000 Euros per year per project for 2 years for CNR researchers and 720,000.00 pesos per year per project, for 2 years for researchers from Guanajuato.

At the deadline fixed by the call, 12 proposals have been submitted to both Parties.

After both Parties carried out independent evaluation procedures, the projects evaluated with the best average scores from the CNR's and the Institute of Innovation were considered, taking into account the two different thematic areas.

Within the two thematic areas agreed upon in the Cooperative Programme, the following projects were presented:

<b>Research area</b>	<b>Projects submitted</b>	<b>Projects selected</b>
Smart Agriculture	8	1
Smart Factory	4	1

Despite the large number of good proposals received, the Parties agreed to finance the following proposals included in a final ranking list:

<b>Joint Research Project</b>	<b>Italian Institution</b>	<b>Guanajuato State Institution</b>
Setting up pyrolysis of end of life tires and tires industry direct disposals to optimize the quality of products and the conversion	Dr PIETRO CALANDRA Istituto per lo studio dei materiali nanostrutturati (CNR-ISMN)	Dr ANDREA GIANNASI Pirelli Neumáticos De México, S.A. De C.V.
Development of a Digital Twin for Optimizing Plant Growth in Controlled Environments	Dr ANTONIO PETTTI Istituto di Sistemi e Tecnologie Industriali Intelligenti per il Manifatturiero Avanzato (CNR-STIIMA)	Dr JUAN JOSÉ MARTÍNEZ NOLASCO Tecnologico Nacional De Mexico En Celaya

for the  
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