

Industria Conectada 4.0



Nature of the Initiative	National Project	
Mission	<p>To increase industrial added value and skilled employment in the market.</p> <p>To promote a model for the industry of the future by developing the local supply of digital solutions.</p> <p>To promote differential competitive advantages to support Spanish industry and boost its exports.</p>	
Sector(s) addressed	Agriculture Mobility Manufacturing	
Leading organisation	Led by the Spanish General Secretary for Industry & SMEs of the Ministry of Industry, Trade & Tourism	
Members (approx.)	+100	
Founded (Year)	2015	
Social Media Presence	LinkedIn X Youtube	
Relevance for Industry 4.0	<p>Markets are increasingly globalised, demanding and competitive and industry has to adapt and undertake digitalisation processes to maintain competitive positions. This opportunity implies a radical change that offers Spain and Spanish industry a great opportunity for transformation and evolution that must be seized. Industry has a multiplier effect that extends to areas such as research or the development of technology-based services and is, therefore, a guarantee of growth, quality employment, competitiveness and prosperity.</p>	
Key Information	Levels	Important Links
Data Space Technical Specifications	★	Website
Data Space Governance	★★★	Document Library Link
Data Space Demonstration	★★★★	Events
Data Space Adoption	★	GitHub/Eclipse Link: N/A
Connected Data Space 4.0 Initiatives	Smart Industry , Plattform Industry 4.0	
Additional Information		
Contact (Name/E-mail)	Ministerio de Industria, Comercio y Turismo Telephone: 91 349 46 40	

Report

What is Industria Conectada 4.0?

The initiative, presented by the Minister, Mr. José Manuel Soria, on 8 October 2015, has a triple objective: to increase industrial added value and skilled employment in the sector; to favour the Spanish model for the industry of the future and develop the local supply of digital solutions; to develop differential competitive levers to favour Spanish industry and boost its exports.

This plan contains four lines of action developed with the support of Indra, Telefónica and Banco Santander to provide companies with strategies and initiatives to support their digital transformation towards Industry 4.0:

- Awareness and training on digitalisation in industry to raise awareness of its benefits and develop the necessary skills.
- Creation of collaborative environments and tools that favour the transfer between industry and technology suppliers.
- Consolidation of new technologies in Spain, boosting R&D&I funding, defining standards and fostering international alliances.
- Support for the implementation of new digital technologies, with the fundamental objective of overcoming existing barriers to their implementation.

The execution of these lines will enable industry to be more competitive, affecting the incorporation of these technologies into its products, production processes and current business models.

In 2016, the General Secretariat for Industry and SMEs will allocate 97.5 million euros to the project, a budget to which the contribution of other secretariats and ministries will have to be added.

Mission & Objectives

The digitalisation of society and industry poses challenges and creates opportunities for the industrial sector, which will have to adapt its processes, products and business models. Thanks to hyperconnectivity, customers are now more informed and have immediate access to the offerings of industrial companies around the world. This is a highly competitive environment, but one with many opportunities for Spanish companies.

Facing these challenges successfully will generate a new industrial model in which innovation is collaborative, production means are connected and completely flexible, supply chains are integrated and distribution and customer service channels are digital.

For this reason, the Connected Industry 4.0 strategy responds to a triple objective:

1. To increase industrial added value and skilled employment in the industrial sector.
2. To promote the industrial model of the future for Spanish industry, in order to boost the industrial sectors of the future of the Spanish economy & increase their growth potential, while developing the local supply of digital solutions.
3. To develop differential competitive levers to favour Spanish industry and boost its exports.

In order to achieve these objectives, the General Secretariat for Industry and SMEs has been designing a series of support programmes for industrial companies in order to face their digital transformation with more guarantees:

1. HADA
2. ACTIVA Industria 4.0
3. ACTIVA Financiación
4. ACTIVA Startups
5. ACTIVA Ciberseguridad
6. ACTIVA Crecimiento
7. DIH

National Connected Industry 4.0 Awards

In order to recognise the efforts and merit of Spanish industrial companies in the field of digitalisation, the Ministry of Industry, Trade and Tourism, through its General Secretariat for Industry and SMEs, created in 2019 the National Connected Industry 4.0 Awards, endorsing the prestige of the Spanish industrial sector and contributing to support the "Spain Brand".

The National Connected Industry 4.0 Awards recognise those organisations, companies and industries that have made an outstanding effort in their digital transformation, achieving business excellence in activities included in Section C, Divisions 10 to 32, of the National Classification of Economic Activities 2009 (CNAE 2009).

The aim of these Awards is to give greater social prestige to the industrial sector, presenting it in an environment of quality and excellence, recognising the merits of industrial companies that stand out for their digitalisation projects and actions and for their innovation plans in terms of organisation and processes under the main dimensions that define the paradigm of Connected Industry 4.0: Business and Market Strategy, Processes, Organisation and People, Infrastructures, and Products and Services.

The Awards aim to increase the awareness of the Spanish industrial fabric about the necessary digital transformation and to promote the visibility of the support instruments in this process. At the same time, they are a tool for the identification, dissemination and recognition of successful Spanish projects in Industry 4.0, helping to increase industrial and digital vocations among our young people.

Two modalities of National Awards for Connected Industry 4.0 are established:

- National Connected Industry 4.0 Award to the Large Industrial Company.
- National Connected Industry 4.0 Award for Small and Medium-sized Industrial Enterprises.

Events

- National Congress of Industry and SMEs: The National Congress of Industry and SMEs is the national event par excellence that integrates industry and SMEs, bringing together all professionals and experts in the value chain committed to economic and industrial development.