

# Smart Industry



Nature of the Initiative	National Project   International Project   European Project	
Mission	Their mission is to develop the best and most flexible digitally connected production network in Europe and using less energy and materials for a sustainable and compatible economy.	
Sector(s) addressed	Green Deal (including Smart Communities)   Mobility   Manufacturing   Media	
Leading organisation	FME, TNO, Kamer van Koophandel, Ministerie van Economische Zaken en Klimaat, VNONCW, Dutch Digital Delta, Holland High Tech, Brabantse Ontwikkelings Maatschappij (BOM), LIOF, NOM, Innovation Quarter, OOST NL	
Members (approx.)	800+ companies   25,000+ participants   50+ Field Labs	
Founded (Year)	2014	
Web (URL)	<a href="https://smartindustry.nl/">https://smartindustry.nl/</a>	
Social Media Presence	<a href="#">LinkedIn</a>   <a href="#">Twitter - X</a>   <a href="#">YouTube</a>	
Relevance for Industry 4.0	Accelerate productivity growth in all regions in the Netherlands in each (industrial) region.	
Key Information	Levels	Key Links
Data Space Technical Specifications	★	No GitHub Links available
Data Space Governance	★★★★	<a href="#">Document Library Link</a>
Data Space Demonstration	★★★	<a href="#">Events</a>
Data Space Adoption	★	
Connected Data Space 4.0 Initiatives	<a href="#">Industria Conectada 4.0</a> , <a href="#">Plattform Industrie 4.0</a> , <a href="#">Piano Nazionale Industria 4.0</a>	
<b>Additional Information</b>		
Contact (Name/E-mail)	Tel: +31 (0) 79 353 14 05 Email: <a href="mailto:info@smartindustry.nl">info@smartindustry.nl</a>	

### What is Smart Industry?

The world is in anticipation of a fourth industrial revolution. As a consequence, revolution is driven by giant leaps in ICT innovation and promises to radically alter the face of industry in the coming decades.

In November 2014, they formalised an Action Agenda, which was renewed in 2018 with the Implementation Agenda.

### Mission & Objectives

The **main objective** of the agenda in 2021 was to develop the best and most flexible digitally connected production network in Europe and using less energy and materials for a sustainable and compatible economy. The Action Agenda includes **3 action lines**

- Action Line 1: Capitalising on existing knowledge
- Action Line 2: Accelerating in field labs
- Action Line 3: Strengthening the foundation

### Solutions & Key Assets

- **Acceleration Projects:** They have created 9 acceleration projects to drive the process forward:
  1. Smart Industry Assessment Programme: Helping businesses get started in the area of Smart Industry.
  2. Smart Industry Expertise Centre One-stop shop for businesses: Focus on speeding up developments across the wider industrial SME sector and supporting implementation in achievable steps.
  3. Smart Industry Hubs Creation of a network of regional Smart Industry Hubs.
  4. National Smart Industry Roadmap: The combined NWA/HTSM/ICT Smart Industry Roadmap describes the intended development of Smart Industry knowledge.
  5. Linking SkillsLabs to Fieldlabs: Helping every Fieldlab also become a SkillsLab.
  6. Human-oriented Technology Programme: This programme is developing best practices in this area as a source of inspiration and a guide for developers and users of human-oriented technology.
  7. Cybersecurity Programme: Making manufacturing firms digitally resilient by setting up a Smart Industry Digital Trust Centre.
  8. Data-sharing Programme Establishment of a Data Value Centre and Data-sharing Coalition.
  9. International business with Smart Industry Organization of concrete collaborative projects between businesses and knowledge institutions in the Netherlands, Germany and Belgium.
- **Smart Industry Fields labs:** Industrial environment where Smart Industry solutions are developed, tested, implemented as well as where people can learn to apply them. **Criteria for a Smart Industry field lab:**
  - ❖ Innovation eco-system
  - ❖ Regional focus
  - ❖ Radical innovations
  - ❖ Interconnect higher & vocational education
  - ❖ Training Human Capital
  - ❖ Identification and application of new rules & standards
  - ❖ Location with a program manager
  - ❖ Program with 3+ year plan and multiple projects on innovation and education