

# Plattform Industrie 4.0

*Digital Transformation  
„Made in Germany“*



# Industrie 4.0 „Made in Germany“

## **Digitisation of the economy offers global opportunities**

The rapid advance in the the digitisation of the economy and society is transforming manufacturing and work in Germany. Industrie 4.0 solutions combine production methods with state-of-the-art information and communication technology and create smart value chains. This will change existing business models, shake up established market structures, and redistribute world market shares.

Industrie 4.0 offers enormous potential for innovation and business in Germany as products can be tailored to meet individual customer requirements – at low cost, in high quality, and in efficient production stages. German firms are therefore building up their range of innovative digital services and products in order to maintain their global competitive edge.



## Plattform Industrie 4.0 is shaping structural change in industry

Coordinating the digital transformation of industry: that is the basic concept of Plattform Industrie 4.0 – one of the world's largest Industrie 4.0 networks. It brings companies, associations, the academic community, trade unions and policymakers together so that all the stakeholders can drive their mission at many levels:

### Recommendations for a policy framework to foster the roll-out of Industrie 4.0

The platform draws on findings from research and business operations to identify the need for action and recommendations for the best possible policy framework. Five **working groups** are focusing on central challenges and are producing discussion papers, recommendations for action, and guidelines. They are focusing on future aspects of standardisation, the security of connected systems, the legal framework, research, the organisation of work, and training.

### Services for a promising switch to Industrie 4.0

The platform offers and coordinates information and networking services which make Industrie 4.0 solutions known to companies throughout the country. The platform's online map provides more than 200 examples of where Industrie 4.0 innovations are already in use. It also shows where companies can obtain information and advisory services and access to the nationwide testbeds.

The platform works with the chambers of industry and commerce and the electrical engineering, manufacturing and computer business associations (ZVEI, VDMA, Bitkom)



to hold events at which smaller businesses in particular can be given help as they move into the Industrie 4.0 world. The platform has launched the **Industrie 4.0@Mittelstand** series to provide SMEs with practical examples of Industrie 4.0.

### **National and international cooperation for a successful transformation**

The platform has entered into a large number of partnerships with national and international alliances. It addresses



the resulting overarching and forward-looking issues and initiates and leads – drawing on its unmatched pool of expertise – debates on the digital transformation.

The platform coordinates all these activities, networks stakeholders and makes it possible to include many perspectives of very different interests. **This makes the platform's work internationally unique.**



# Structure of Plattform Industri



The platform brings together more than 250 stakeholders from over 100 companies, associations, trade unions, academic and political institutions. It is steered and headed by Economic Affairs Minister Sigmar Gabriel and Research Minister Johanna Wanka, together with high-level representatives from business, science, and trade unions. The steering group of business representatives coordinates and steers all the activities of the working groups.

# rie 4.0

air  
briel, Wanka

s of commerce,  
ns, science

uidance, society,  
multipliers

tegy group  
ment, business,  
ns, science)

Machnig, StS Schütte  
s of steering body  
s of Federal Chancellery,  
y  
s of the Länder  
s of associations (VDMA,  
BDI, VDA, BDEW)  
s of trade union (IG Metall)  
s of science (Fraunhofer)  
olitical steering, multipliers

Activities on the market

**Industrial consortia  
and initiatives**

Implementation on the market:  
test beds, examples of applications

**International  
standardisation**

Consortia, standardisation  
bodies, DKE and others

ademic Advisers

d external communication

Advice on strategic issues is provided by the strategy group, made up of representatives from the steering group, the Federal Chancellery and relevant federal ministries, and the Länder, sector representatives, trade unions and the academic community. It identifies relevant issues, serves as a multiplier for the results, and ensures that these reach the various target groups.

## Contacting Plattform Industrie 4.0

### Plattform Industrie 4.0 administrative office

Bertolt-Brecht-Platz 3

10117 Berlin

Tel.: 0049 30 2759 5066-50

Fax: 0049 30 2759 5066-59

E-Mail: [geschaeftsstelle@plattform-i40.de](mailto:geschaeftsstelle@plattform-i40.de)

You can find detailed information about  
Plattform Industrie 4.0 at  
[www.plattform-i40.de](http://www.plattform-i40.de)

## Imprint

### Publisher

Federal Ministry for Economic  
Affairs and Energy  
Public Relations Division  
11019 Berlin  
[www.bmwi.de](http://www.bmwi.de)

### Design and production

PRpetuum GmbH, Munich

### Status

April 2016

### Printed by

Silberdruck oHG, Niestetal

### Images

Daniel Ingold/Corbis (Title)  
Westend61 – Fotolia (p. 1)  
Vege – Fotolia (S. 3/4)



The Federal Ministry for Economic Affairs and Energy was awarded the audit berufundfamilie® for its family-friendly staff policy. The certificate is granted by berufundfamilie gGmbH, an initiative of the Hertie Foundation.

