

# Plattform Industrie 4.0

*Digital Transformation  
„Made in Germany“*



# Industrie 4.0

## „Made in Germany“

### Digitisation of the economy offers global opportunities

The increasing digitisation of economy and society is transforming the manufacturing sector and working life in Germany. Industrie 4.0 solutions combine production methods with state-of-the-art information and communication technology and create smart value chains. This changes existing business models, shifts established market structures, and redistributes 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. Therefore, German based companies are expanding their innovative digital services and products to maintain their global competitiveness.



### Plattform Industrie 4.0 is shaping the digital transformation process

Coordinating the digital transformation process of the industrial sector: This is the guiding idea of the Plattform Industrie 4.0 – one of the world’s largest Industrie 4.0 networks. The platform brings together companies, business associations, the academic community, trade unions and policymakers to enable all stakeholders to implement this mission at various levels:

#### Recommendations to foster the roll-out of Industrie 4.0

The platform draws on findings from research and business operations to develop recommendations for the implementation of Industrie 4.0. Six **working groups** are focusing on central challenges and are producing recommendations for action, guidelines, solutions, discussion papers and policy framework. They are focusing on future aspects of standardisation, security of connected systems, legal framework, technology- and application scenarios, work, training as well as digital business models.

#### Ways to implement Industrie 4.0

The platform offers and coordinates information and networking opportunities to introduce Industrie 4.0 solutions to companies throughout Germany. The Plattform Industrie 4.0’s **online map** provides more than 350 use cases and an overview of testbeds to showcase where Industrie 4.0 innovations are successfully implemented. Additionally, the **Compass Industrie 4.0** gives an overview of nationwide support structures.



The platform cooperates with the Chambers of Industry and Commerce, the Electrical and Electronic Manufacturers', Mechanical and Plant Engineering and digital associations (ZVEI, VDMA, Bitkom) to hold events especially addressed to smaller businesses to support their first steps into the Industrie 4.0 world. Plattform Industrie 4.0 and the Chambers of Industry and Commerce have launched the **Industrie 4.0@Mittelstand** series to familiarize SMEs with the topic of Industrie 4.0, the findings of Plattform Industrie 4.0 and its application scenarios.

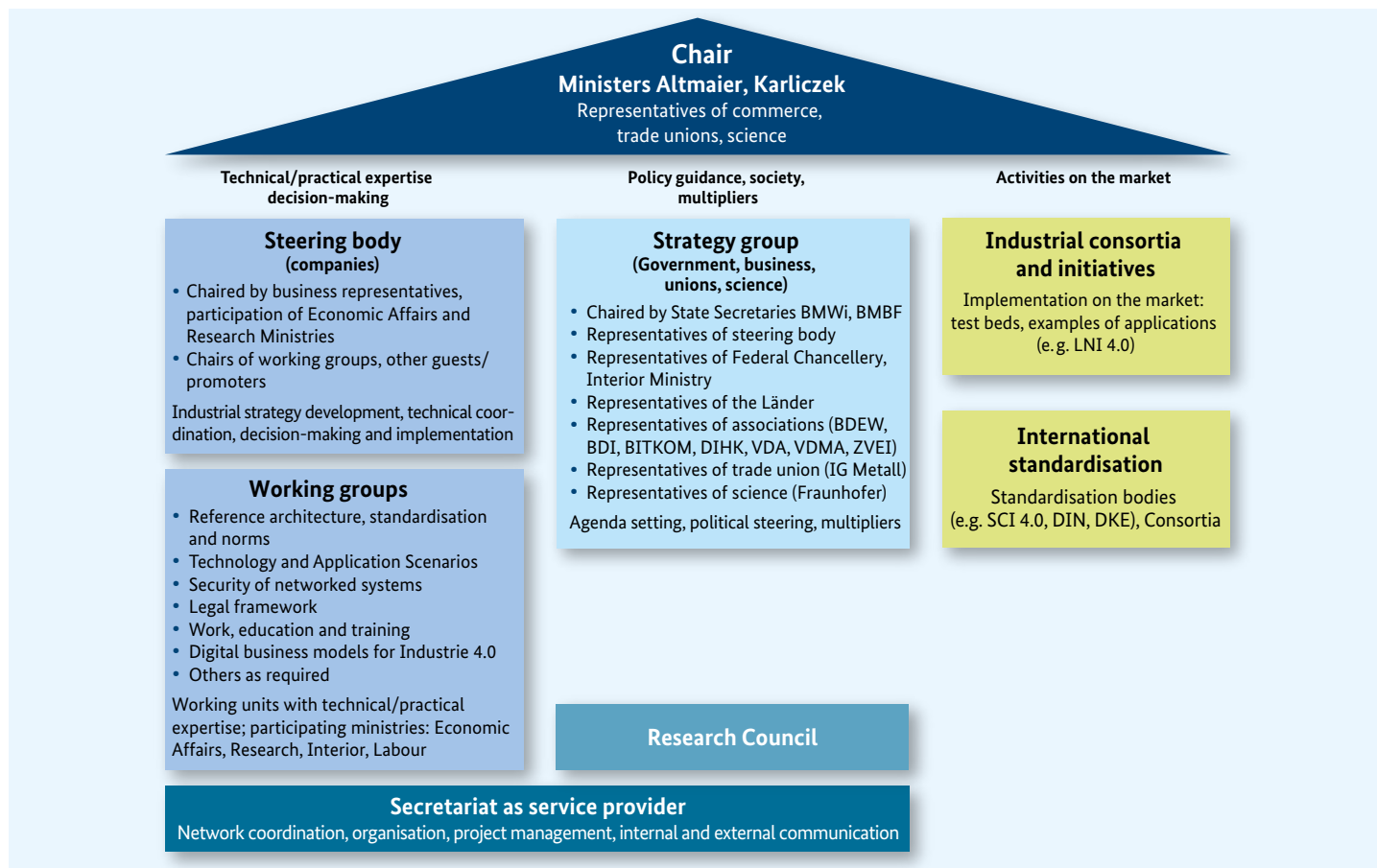
### **National and international cooperation for a successful transformation**

Plattform Industrie 4.0 has a range of national and international partnerships. On a national level, the platform is part of the **Transfer Network Industrie 4.0** that was established to support SMEs. Drawing on its unmatched pool of expertise, Plattform Industrie 4.0 holds a leading role in the advancement of international standards, IT security and legal frameworks. By initiating and guiding debates on Industrie 4.0, it connects stakeholders and engages in various international bi- and multilateral cooperations.

<http://www.plattform-i40.de/I40/Navigation/EN/Home/home.html>



# Structure of the Plattform Industrie 4.0



Plattform Industrie 4.0 brings together more than 300 stakeholders from over 150 companies, business associations, trade unions, sciences and politics. It is steered and headed by the Federal Minister for Economic Affairs and Energy as well as the Federal Minister of Education and Research, together with high-level representatives from businesses, sciences, and trade unions. A steering group of business representatives coordinates and directs all activities of the working groups.

Advice on strategic and political issues is provided by the strategy group, consisting of representatives from the federal states, the Federal Chancellery, relevant Federal Ministries, business associations, trade unions and science organisations. It identifies relevant issues, serves as a multiplier for the results, and ensures that these reach the various target groups.

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You can find detailed information about

Plattform Industrie 4.0 at

[www.plattform-i40.de](http://www.plattform-i40.de)

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