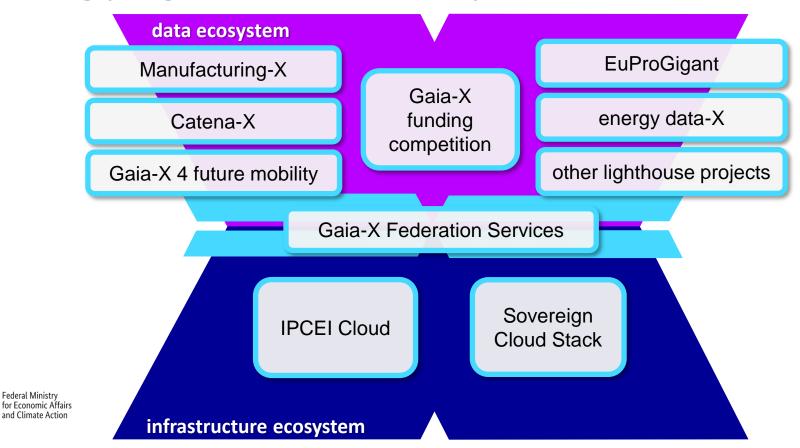


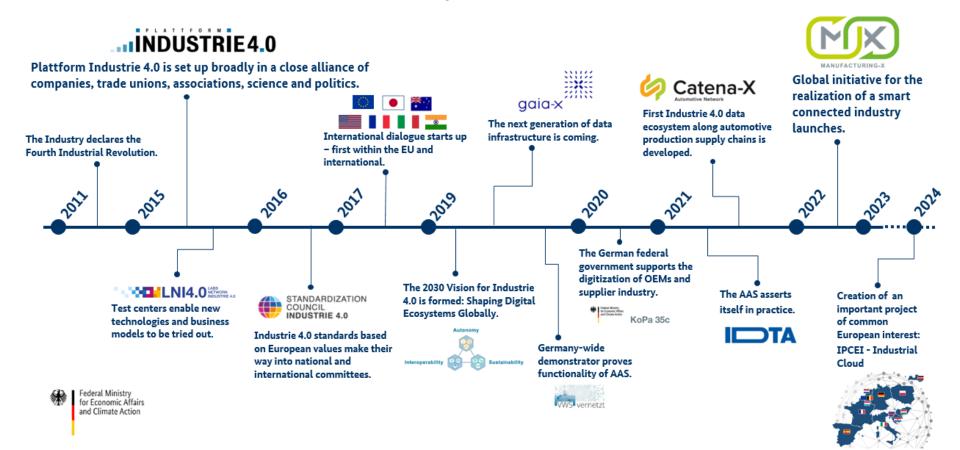
Strengthening our economy with data spaces

Ernst Stoeckl-Pukall, Darmstadt, March 13th Head of Division, Digitization, Industrie 4.0

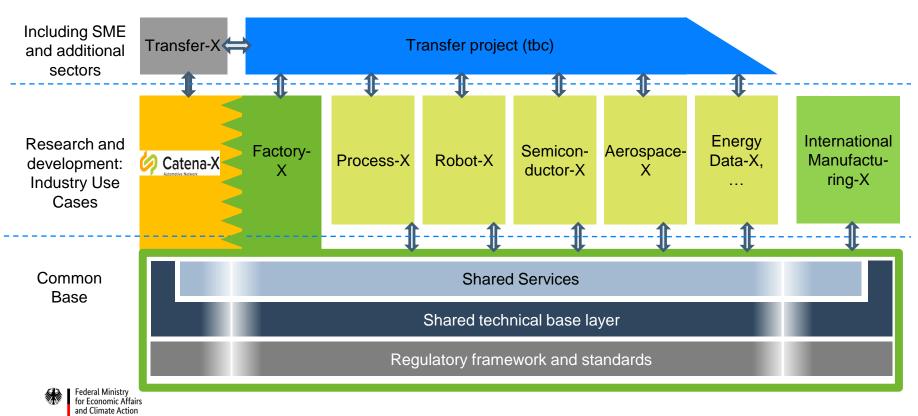
Funding programs for data ecosystems



The Industrie 4.0 ecosystem



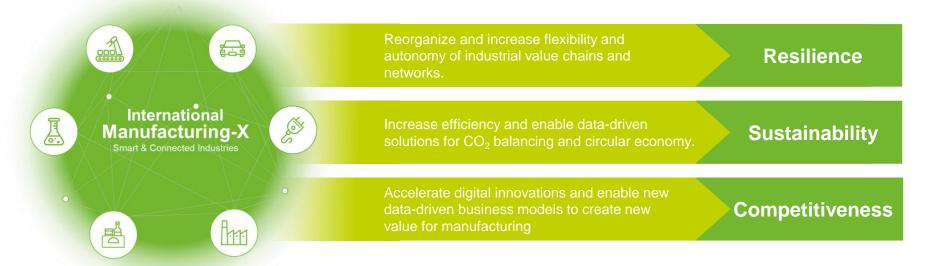
Systemic approach to "Manufacturing-X"



Motivation & Big Picture

International Manufacturing-X (IM-X): Make Data Work

• IM-X will implement a federated, decentralized and collaborative data ecosystem for smart manufacturing. Open, global and cross-sectoral.



IPCEI-CIS: Industry Partners



- Approved by EU COM on December 5th 2023
- 12 Member States committed
- 109 European projects involved (19 direct partners and 90 indirect partners)
- Total investment volume of all projects of approx. EUR 7.8 billion
- Duration until the end of 2026









Align objectives & vision | Agree governance & rules | Design concepts, principles & road maps

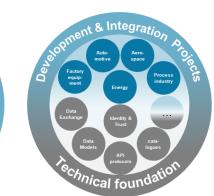






Align objectives & vision | Agree governance & rules | Design concepts, principles & road maps Community development of OSS components to support Use Cases | Integrate technical building blocks





DRAFT not for distribution!



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Secure and trusted operation of enabling and value creating services in a distributed model.











Align objectives & vision | Agree governance & rules | Design concepts, principles & road maps Community development of OSS components to support Use Cases | Integrate technical building blocks

Secure and trusted operation of enabling and value creating services in a distributed model.

SME support activities | consulting & training | Test beds & test support | Roll out of use cases









Summary

- 1. Internationalization with equal partners!
- 2. Develop trust in the data ecosystem as a whole!
- 3. Definition of roles what is your center of gravity?
- 4. Transparency about processes and procedures!
- 5. Scalability requires a common understanding of the data ecosystem
- 6. A open system requires active contribution in various communities (FOSS)
- 7. Smart development and integration of various governance structures

Live up to the new paradigm of data usage and openess!

