

# Industrial Digital Twin Association

Standardising the Industrial Digital Twin

# Evolution of Industry 4.0

Industry 4.0

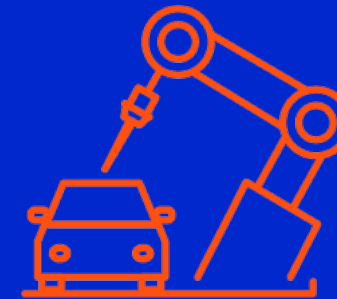
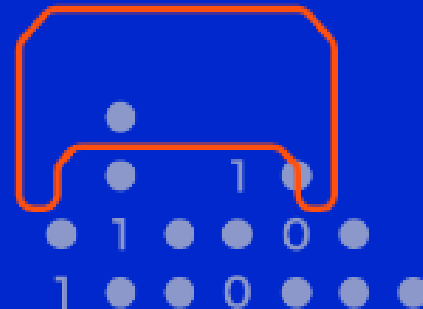
Asset  
Administration  
Shell

Industrial  
Implementation

Technology  
Spin-off



PLATTFORM  
**INDUSTRIE 4.0**



**IDTA**

Industrial  
Digital  
Twin  
Association

2013

2015

2019

2020

Start of Industry 4.0

Concepts and  
Specifications

Introduction of the  
Digital Nameplate

Founding of IDTA with  
23 Organisations

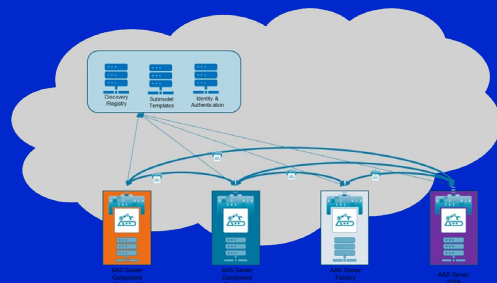
## International Standard available



2023

IEC 63278-1  
AAS Structure

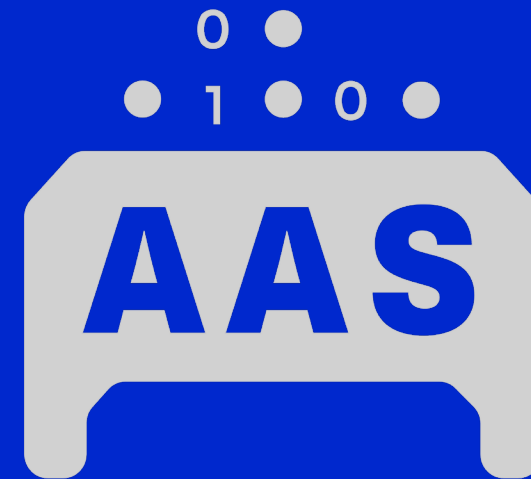
## Dataspace for Everybody



2024

Prototype for an AAS based  
Manufacturing Dataspace

# Asset Administration Shell



Worldwide Standard for  
the Industrial Digital Twin

# MEMBERS: SUPPLIERS – USERS | OT – IT

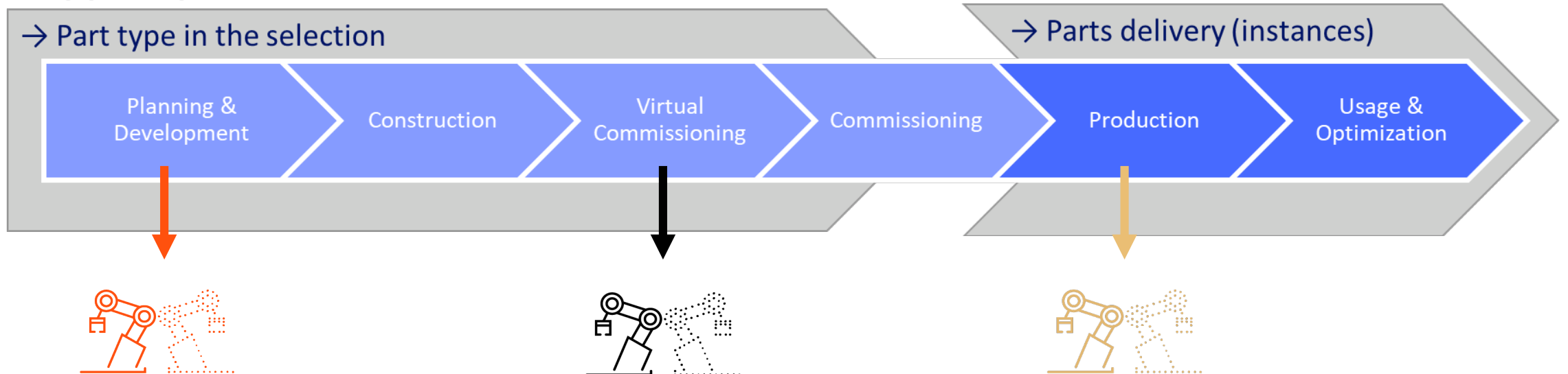


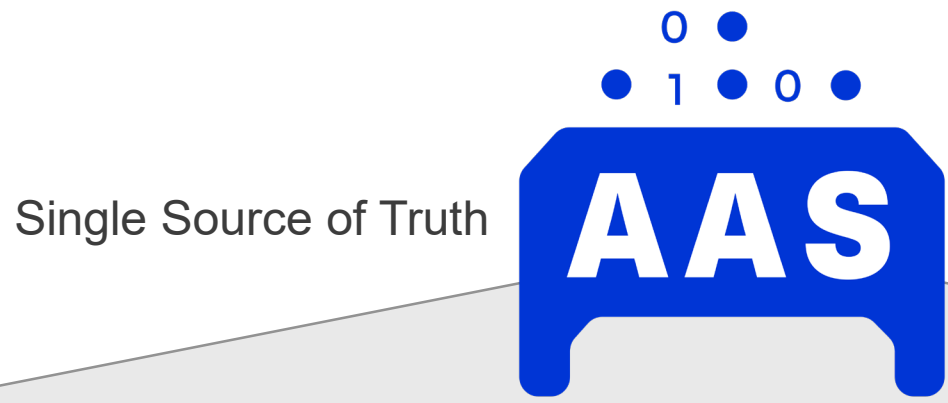
115 Members from 17 nations



- Specific & efficient
- Proprietary
- Only one life cycle element

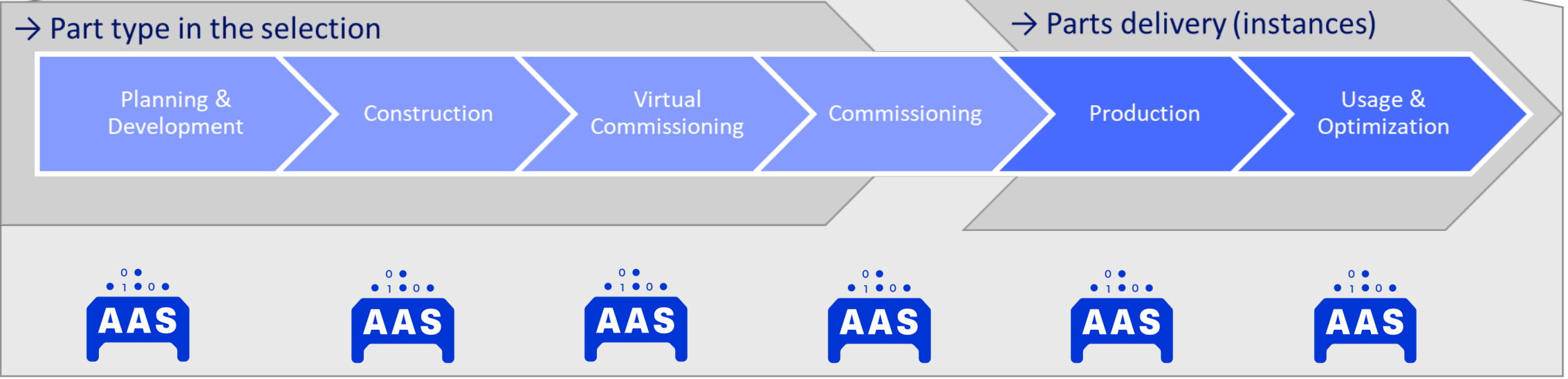
## Supplier part



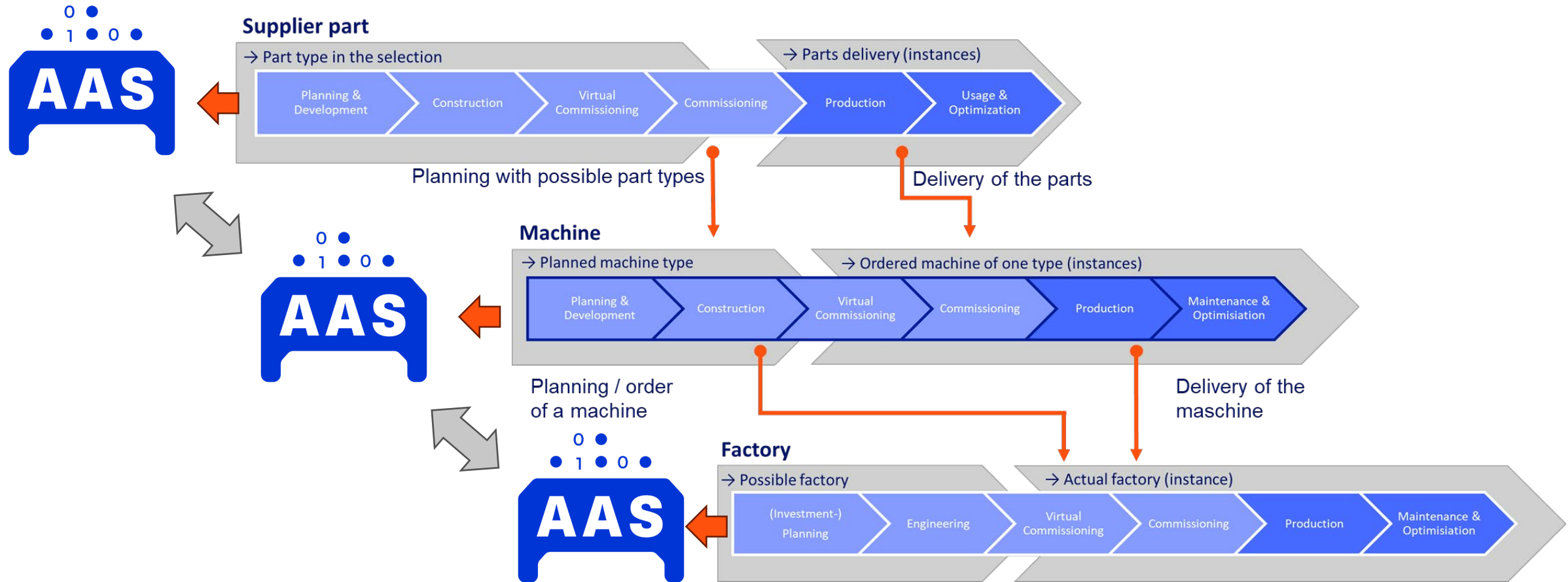


- Standardization & open source
- Efficient scaling
- Complete life cycle

## Supplier part



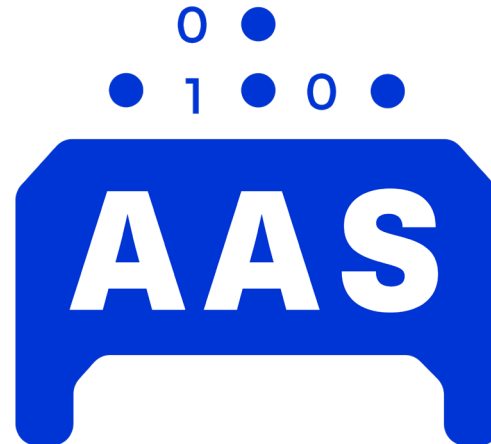
# ...and the entire Value Chain





ID Link  
(IEC 61406)

+



Asset Administration Shell  
(IEC 63278)

=



Based on  
**open standards**  
and **free to use**



# Shaping the Digital Twin Ecosystem

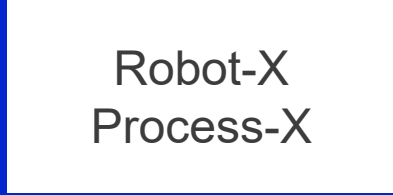
## Founding Associations



## MoUs signed



## Associated Partner





## Contact

Meik Billmann

Mobile: +49 151 5438 5054

Email: [meik.billmann@idtwin.org](mailto:meik.billmann@idtwin.org)



[www.industrialdigitaltwin.org](http://www.industrialdigitaltwin.org)  
[www.dpp40.eu](http://www.dpp40.eu)