Industrial
Digital
Twin
Association
Evolution of Industry 4.0

- **2013**: Start of Industry 4.0
- **2015**: Concepts and Specifications
- **2019**: Industrial Implementation of the Digital Nameplate
- **2020**: Founding of IDTA with 23 Organisations
STANDARDISING THE INDUSTRIAL DIGITAL TWIN
Digital Twin for the entire Asset Life Cycle

Our goal
- Efficient scaling
- Standardization
- Entire life cycle

Digital Twins today
- Application driven
- Specific & Efficient
- Only one Life Cycle Element
AAS for the Digital Product Passport

1. Industry-ready tool for documenting and providing product information
2. Human- and machine-readable format.
3. Accessible for various parties such as companies, authorities and users.
AAS for Integration of the value-adding partners

- System Integrator Operator
- Machine Builder
- Device Supplier
- Car Manufacturer
- Power Train
- Battery Supplier