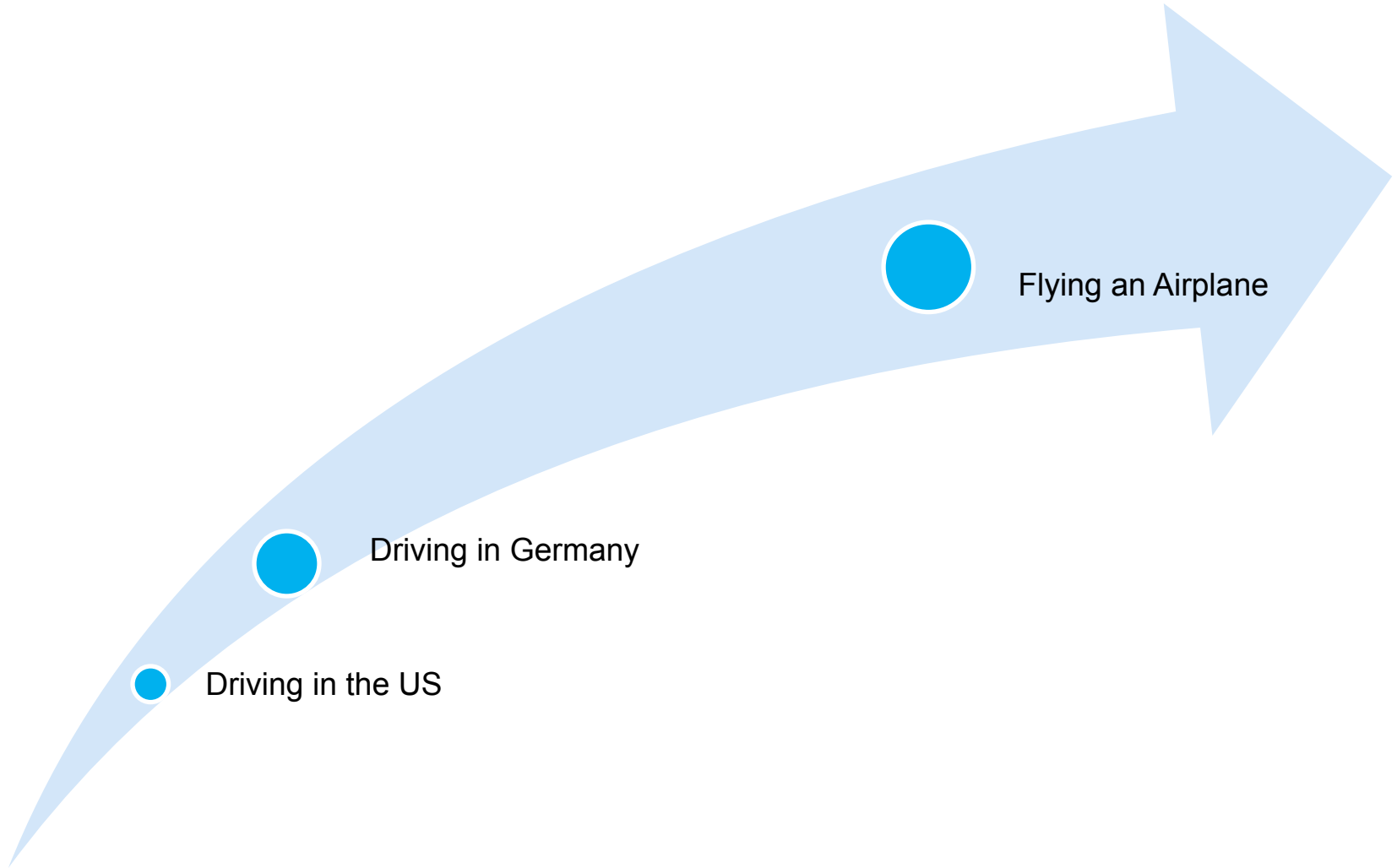


SAE INTERNATIONAL

SAE G34 / EUROCAE WG-114
Joint International Committee for
AI Certification

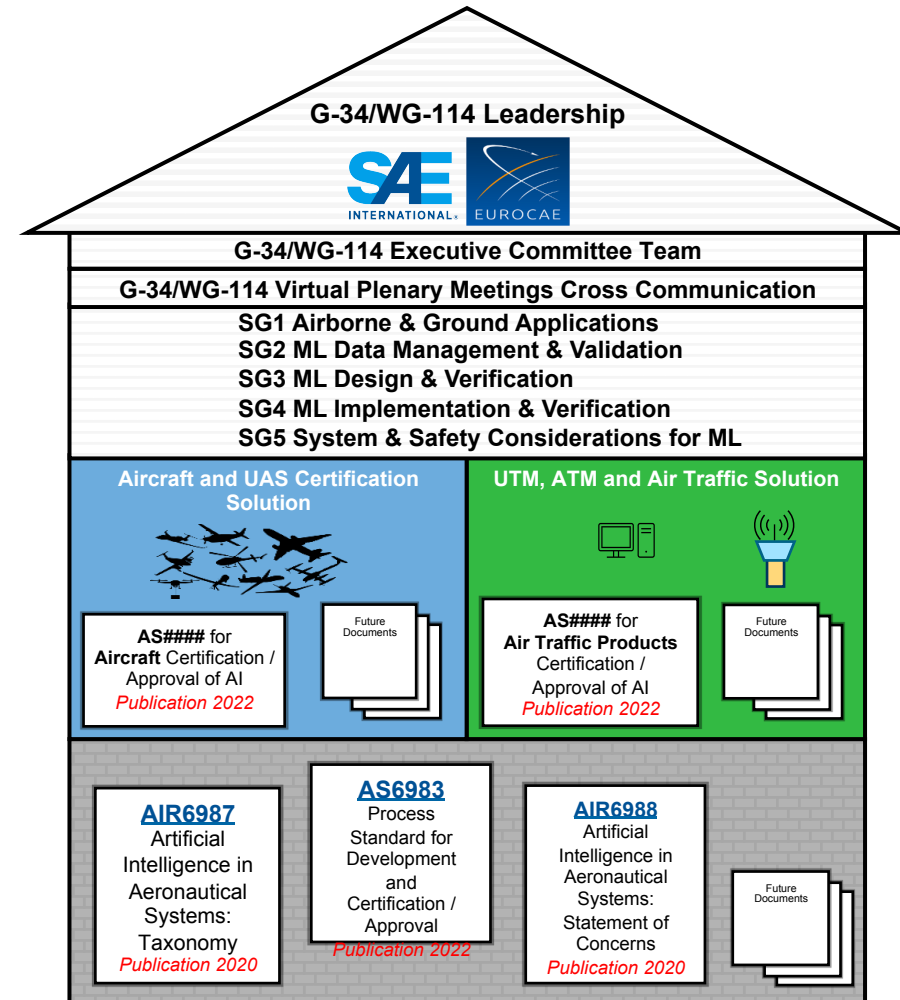
Impact of Regulatory Environment from Design to Operation



SAE G-34 / EUROCAE WG-114

Joint International Committee for AI Certification

- Developing Means of Compliance for AI Certification for Artificial Intelligence by Fall of 2022
- Comprised of 500+ members
- Contributors include:
Airbus, Boeing, Embraer, Textron, Gulfstream, Mitsubishi, Lockheed, Northrop Grumman, GA-ASI, HondaJet, FAA, EASA, TCCA, ANAC, DGAC, CAA UK, DOD, Lilium, Aerion Supersonic, Amazon, DXC, Joby, EUROCONTROL, NASA, EDA, Honeywell, Collins, Thales, GE, P&W, RR, Raytheon, Iridium, Japan Manned Space Systems, FedEx, UPS, Airfrance/KLM, Lufthansa, Toyota, IATA, Leonardo, Leidos, NVIDIA, Intel, Saab, Volocopter, etc.



How it Will Work – A High Level

Immediate Concerns

- **Gap Analysis with Existing Standards**
- **Data Assurance**
- **Methodology Performance Requirements**
- **Verification and Validation**

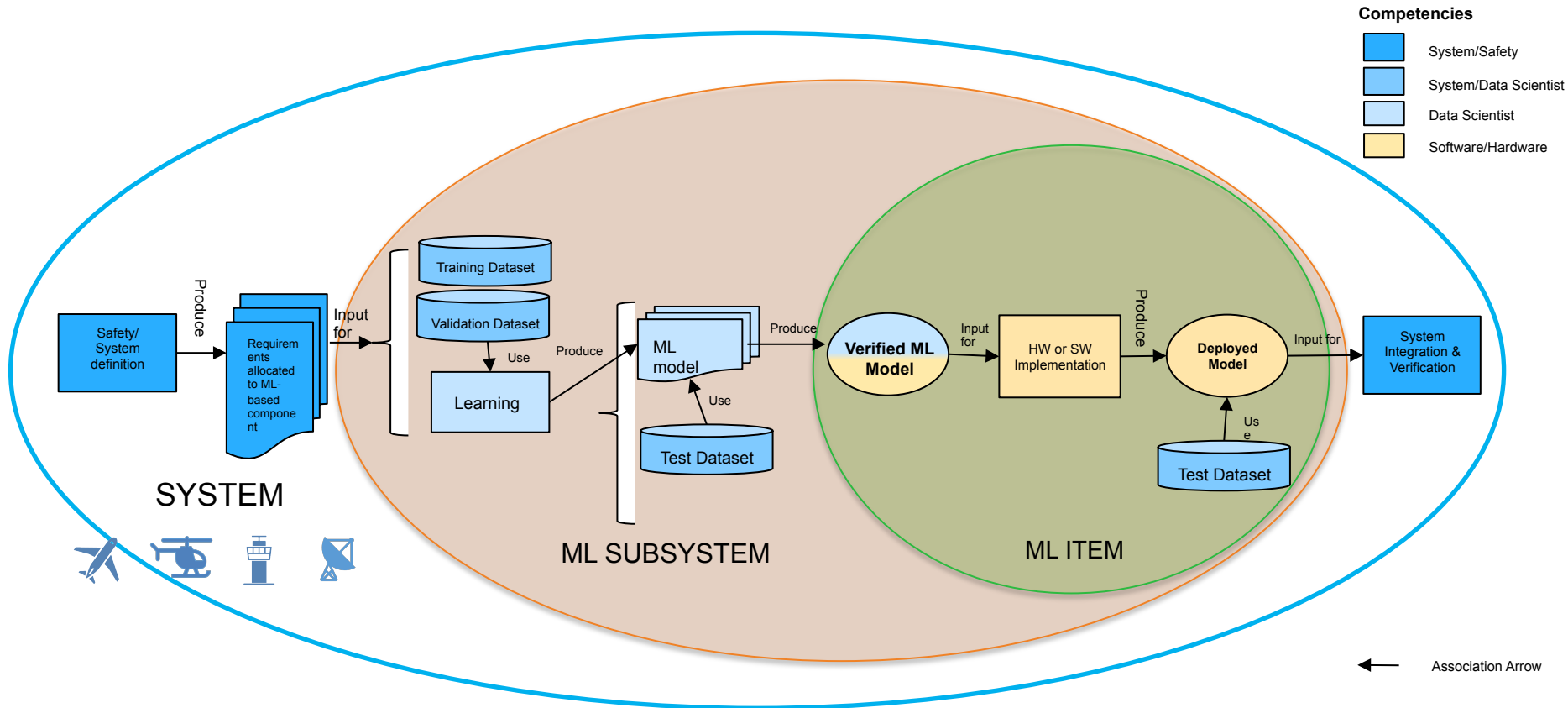
AI Licensing – *How do we certify pilots?*

- **Ground School Curriculum**
- **Flight Instruction**
- **The Check Ride**

Deconstructed, the tools we use to trust pilots can be used to trust AI



Requirements Flow-Through to ML Development



Thank You

For more information and membership,
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