



Quality management activities in German Automotive Industry Association (VDA)

Jan Morenzin



Agenda

- **Who is VDA and VDA-QMC**
- Automotive SPICE® @ VDA
- Assessor certification



VDA | Verband der Automobilindustrie

German Automotive Industry Association

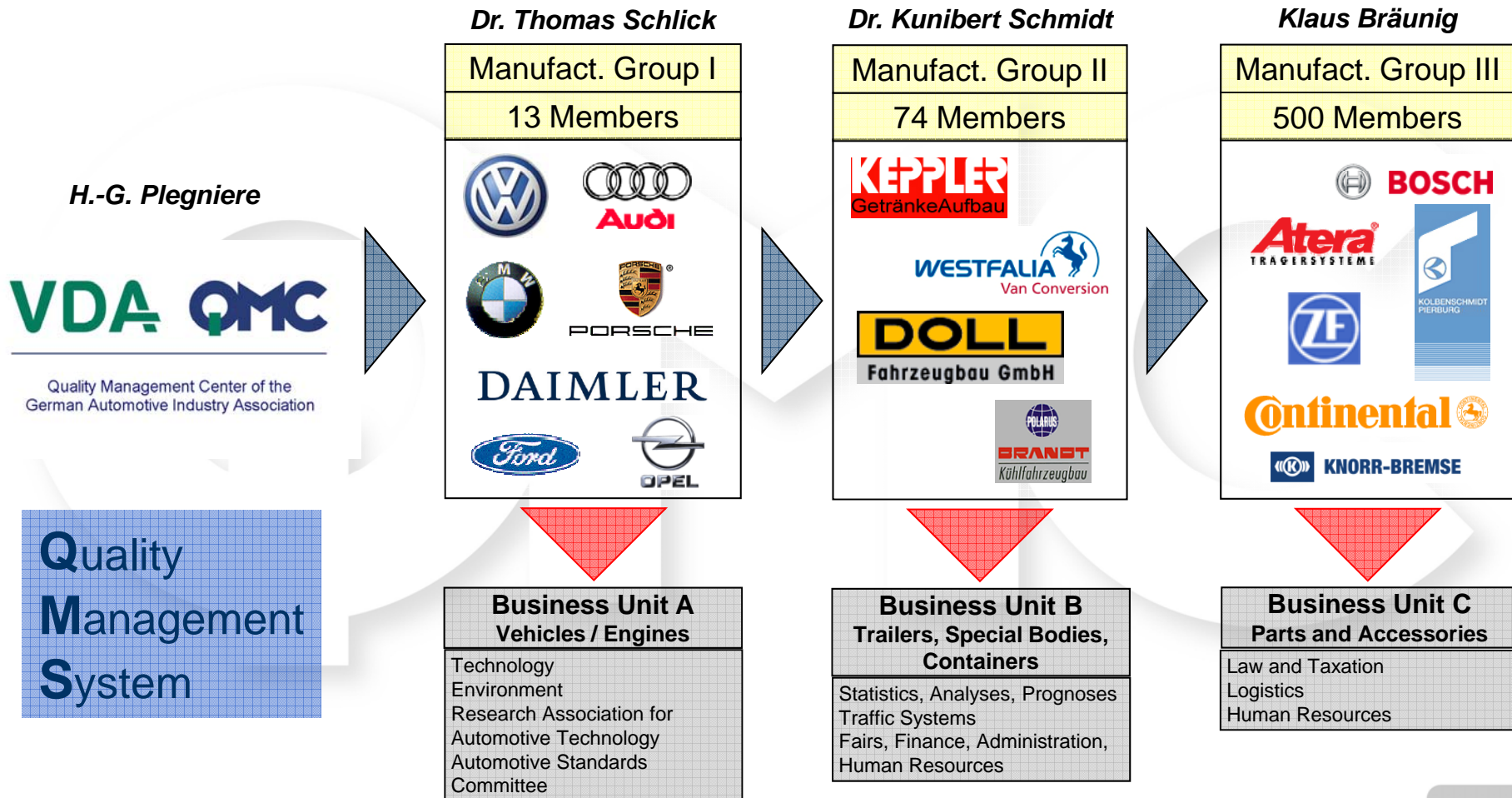
- VDA is a joint association of automotive manufacturers and their suppliers.
- The advantages are clearly evident: the parties sit in the same groups. This ensures direct discussion and rapid decision-making.
- General aim of VDA is to identify common interests of the automotive industry and ensure cooperation on non-competitive issues
- Covering german car, commercial vehicles and trailer industry VDA is representing about 25% of world-wide automotive industry (based on turn-around - 288 billion Euro in 2008).



Qualitäts Management Center im Verband der Automobilindustrie

VDA: Manufacturer groups and business units

VDA-President : Matthias Wissmann





Development of New Standards

Steering committee:
Quality Management
Board

Working Groups

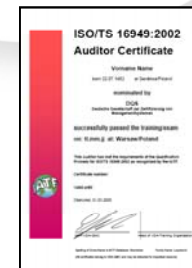


Publications / VDA Volumes



Training

Certification





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Organizational maturity

Maturity Control (Reifegradabsicherung)

ISO/TS 16949 / 2002
(VDA-QMC is IATF oversight office)

VDA 6.3 / 6.4

- VDA activities
- No VDA activities

Automotive SPICE®

Common component requirements

Functional Safety ISO/WD 26262

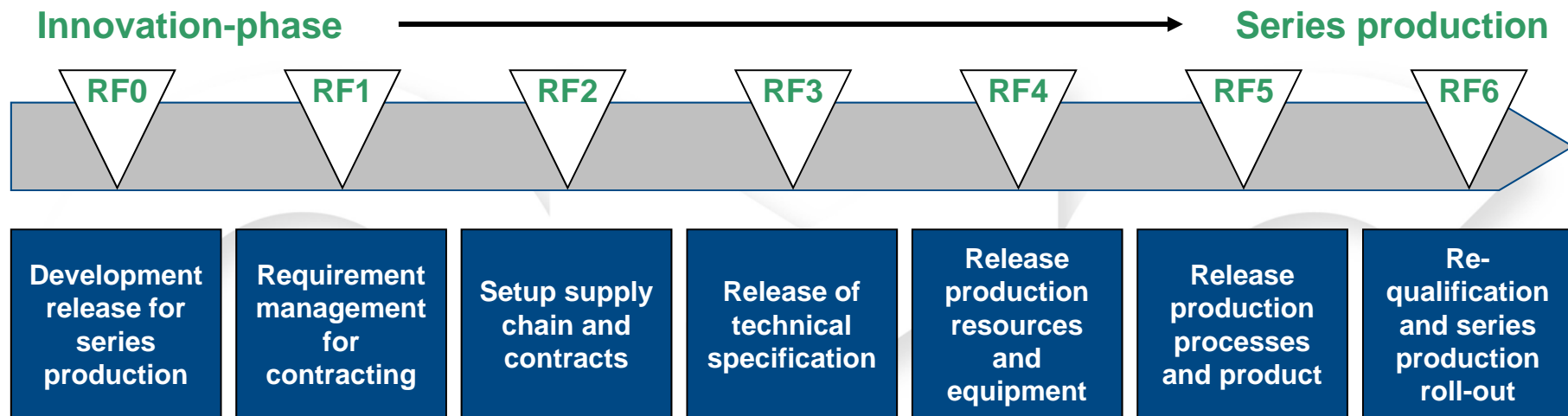
AUTOSAR

Project process capability

Product qualities



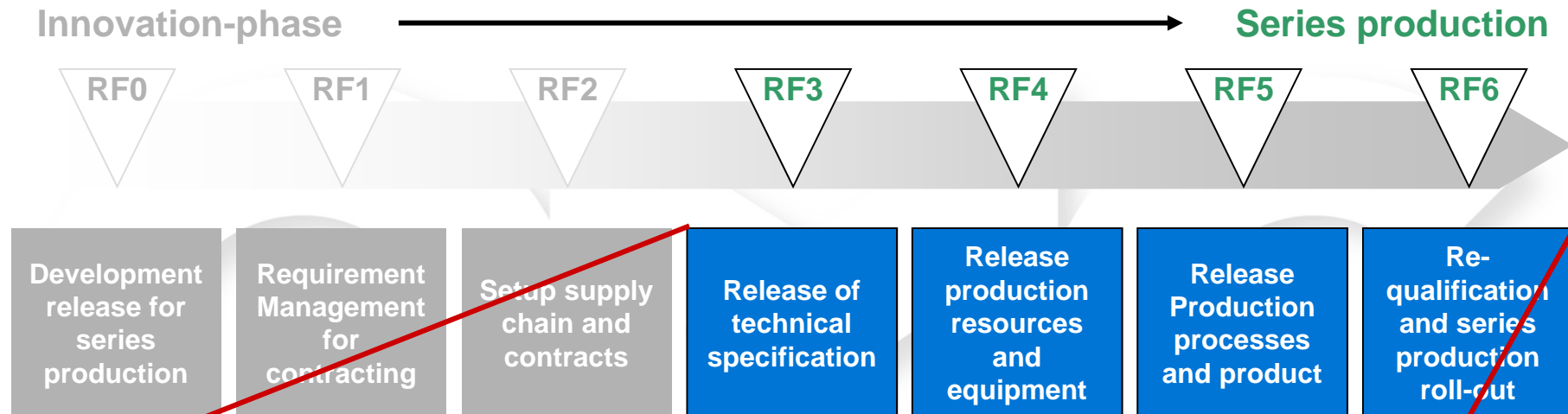
Maturity assurance and control in the product development process



- A product development passes different maturity levels (RF0-RF6)
- Processes within the supply chain are significant for product quality
- VDA-QMC quality initiatives are focussing on these processes



Use Case Automotive SPICE® : Project control

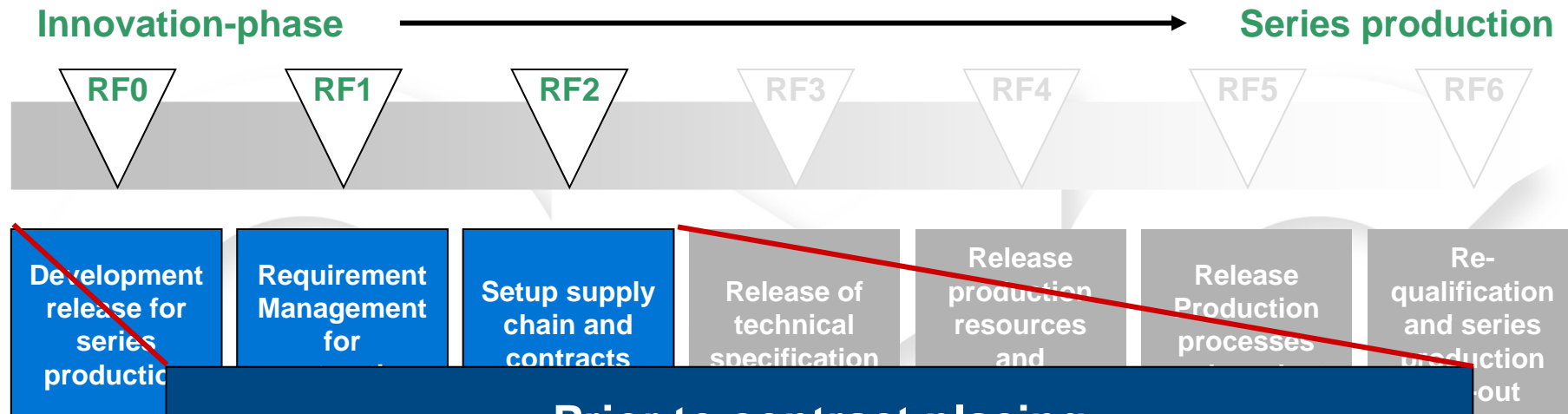


After contract placing

- Focus on development and production maturity
- Assigned to a specific project
- Automotive SPICE® is well established



Use Case Automotive SPICE® : Supplier selection



Prior to contract placing

- Focus on organizational maturity
- Automotive SPICE® is weak, because it is related to an specific project
- Criteria to be setup how to consider Automotive SPICE assessment results to evaluate suppliers maturity

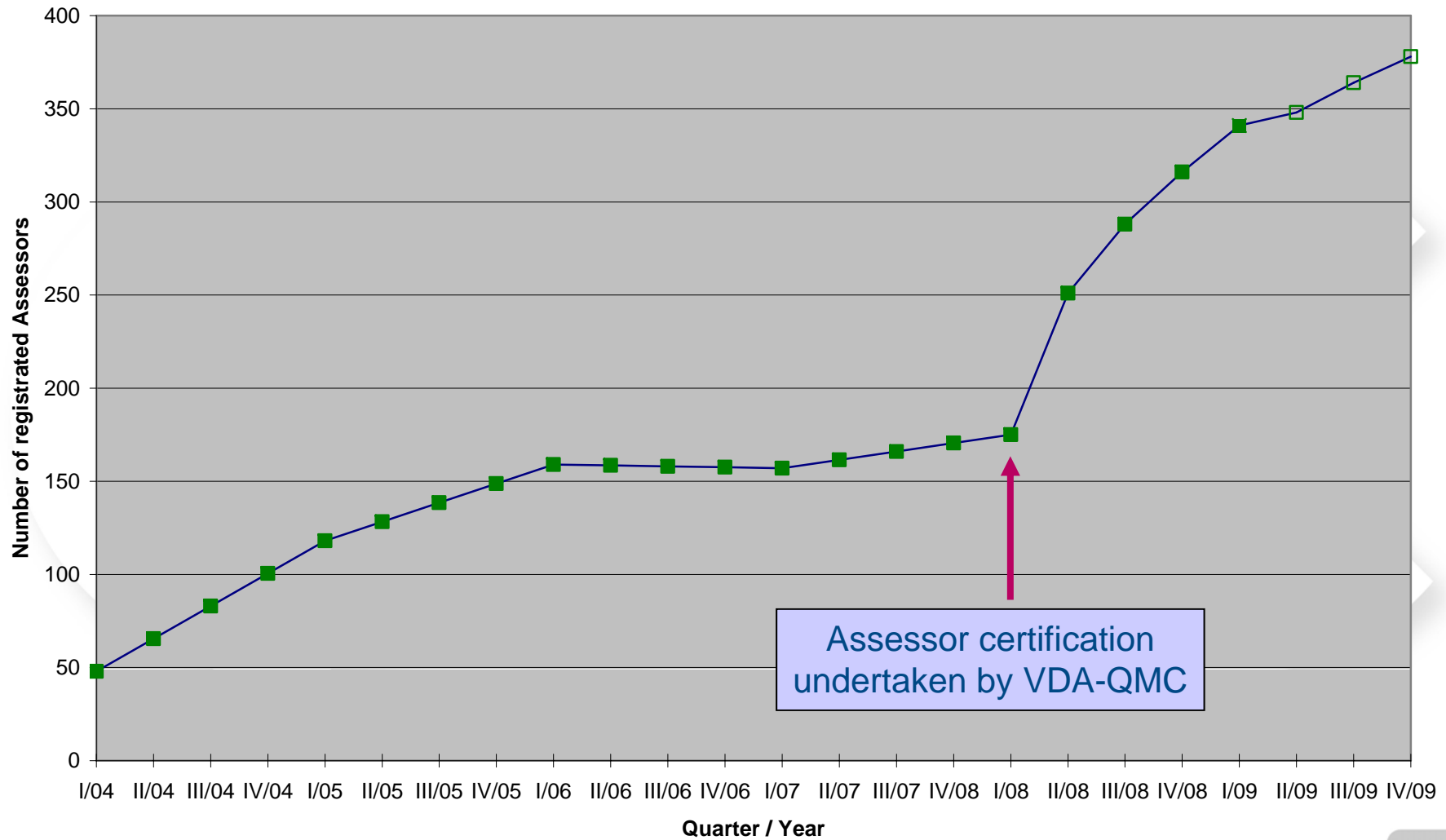


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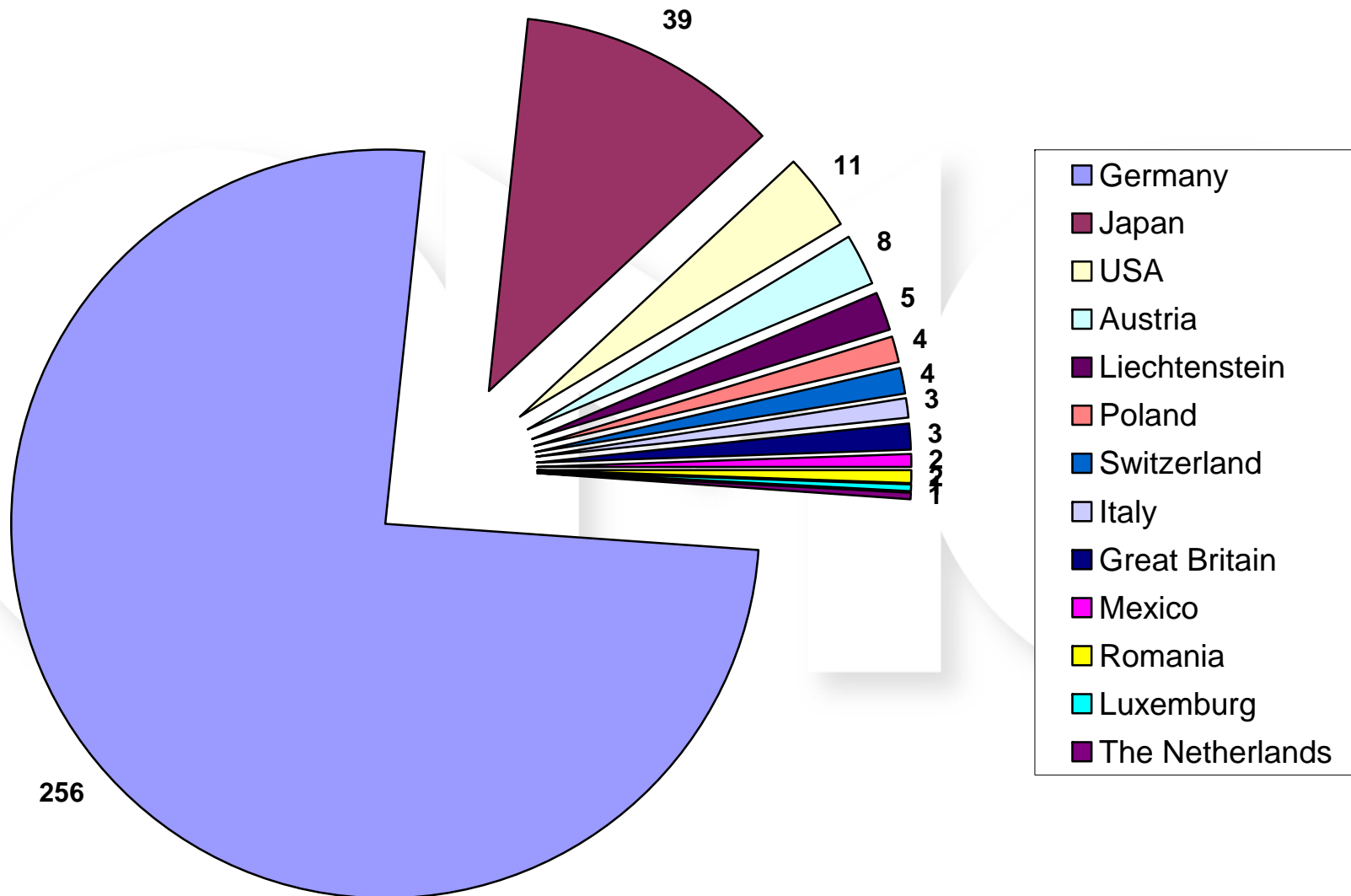


Registered Automotive SPICE® assessors



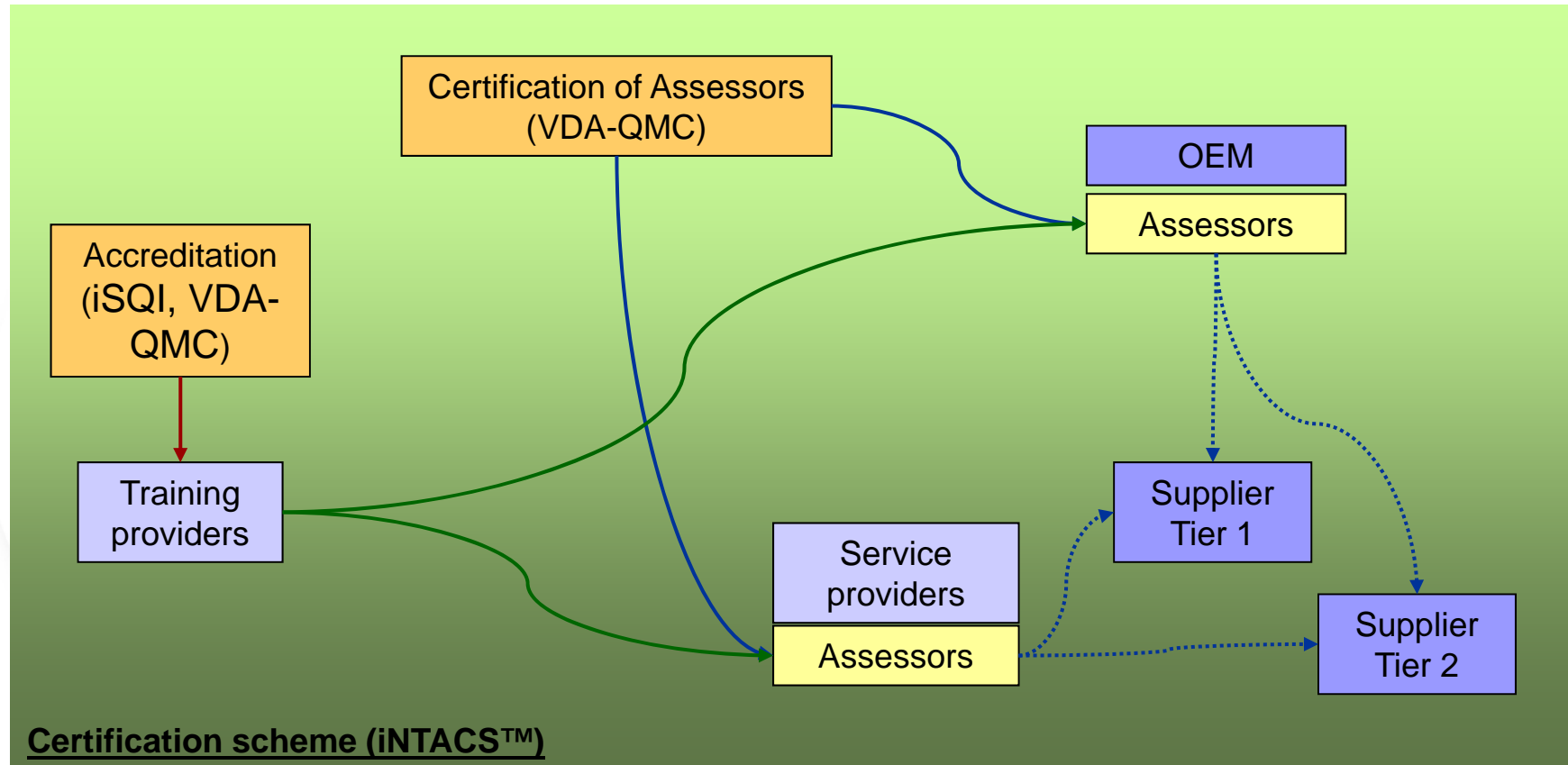


Automotive SPICE® assessors by country





Training and certification of Automotive SPICE® assessors



→ Accreditation acc. to scheme

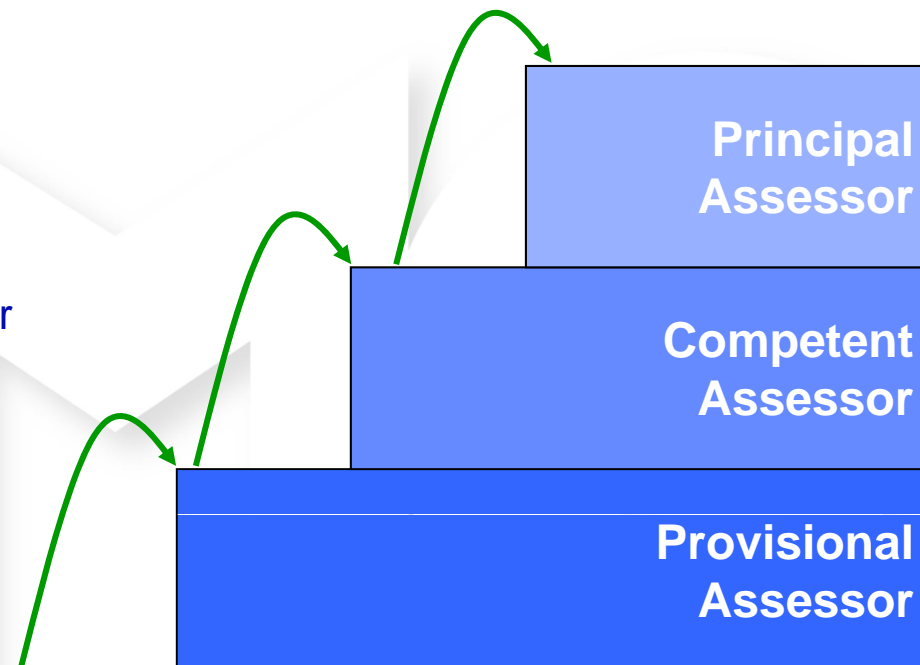
→ Certification acc. to scheme

→ Training according to scheme



Assessor certification in automotive industry

- High level experienced assessor
- Active contribution to ISO/IEC 15504
- Training and education
- High experience as automotive assessor
- Accepted as lead assessor in automotive industry
- Proofed Automotive SPICE® knowledge
- Member of Assessment team in automotive industry





More information on www.vda-qmc.de