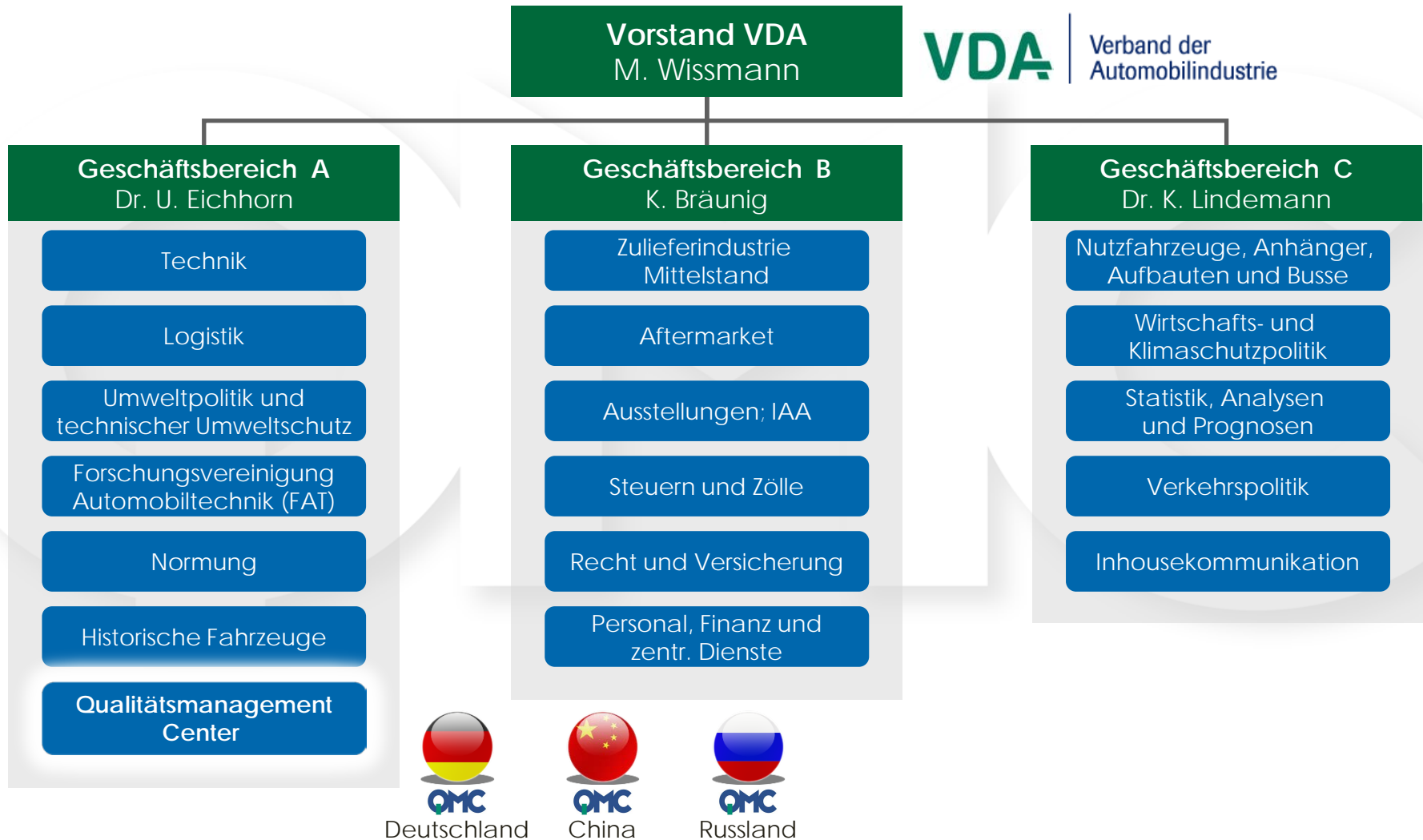




The Quality Management Center (QMC)
of the German Automotive Industry Association (VDA)

VDA – Tasks and Responsibilities



The QMA consists of quality representatives of the VDA, OEMs and suppliers



The Quality Management Committee **QMA**
is the steering committee of the **VDA QMC**

QMA

- Specifies and develops quality standards

The purpose of the QMA according to the standing orders:

"The Quality Management Committee (QMA) represents a common platform for developing and implementing harmonized quality strategies and methods in the automobile industry".

VDA QMC

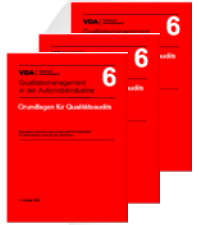
- Implements the decisions of the QMA as its **business division**
- Organizes the work of QMC working groups
- Publishes and markets the **VDA QMC publications**
- Carries out and markets the **VDA QMC training courses**
- **Contractual partner** to certification organizations
- Represents the interests of QM in the German automobile industry in **international committees**

Development of new standards under the VDA QMC

Work Groups
Organized by QMC



Publications / VDA volumes
Edited by the QMC



Training programs
Trainings by QMC

Certification
QMC as contractual partner
of certification bodies



Offices VDA QMC



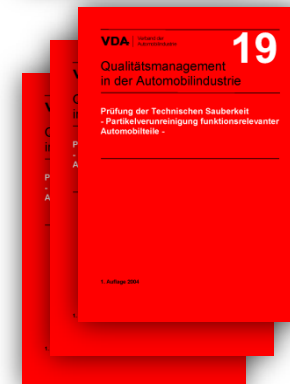
Status VDA QMC working groups (AK-Arbeitskreis)

Project application:	AK 3.2-3	VDA 3.3 additional volume for VDA 3 Part 2, "Case Studies"
	AK 8D	Cross-functional failure categories in the 8D reporting system
	▶ AK 6.3	VDA process audit standard

Before the yellow volume phase:	AK 9	Emissions & consumption: CoP tests on passenger cars
	▶ AK COP	Production conformance
	AK 13	Automotive SPICE

Yellow volume phase:	AK	QM methods assessment
	AK 16	Decorative surfaces of interior and exterior accessory and functional parts in automobiles

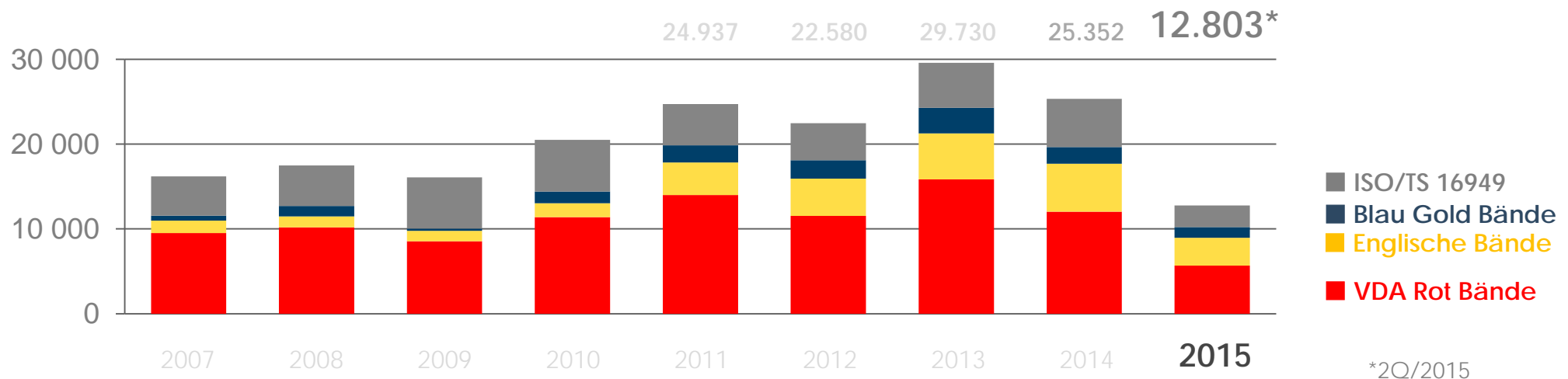
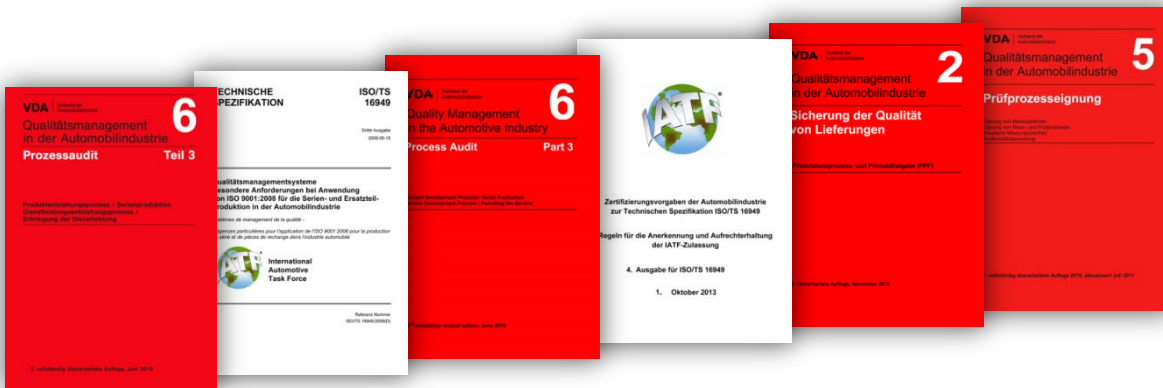
Red or blue/gold volume before and in the publication phase:	AK 19	Checks on technical cleanliness and particulate contamination of functionally relevant automobile components
	AK	Quality-related costs, failure costs and failure prevention costs: their extent and implementation
	▶ AK 3.2	Ensuring reliability with automobile manufacturers and suppliers



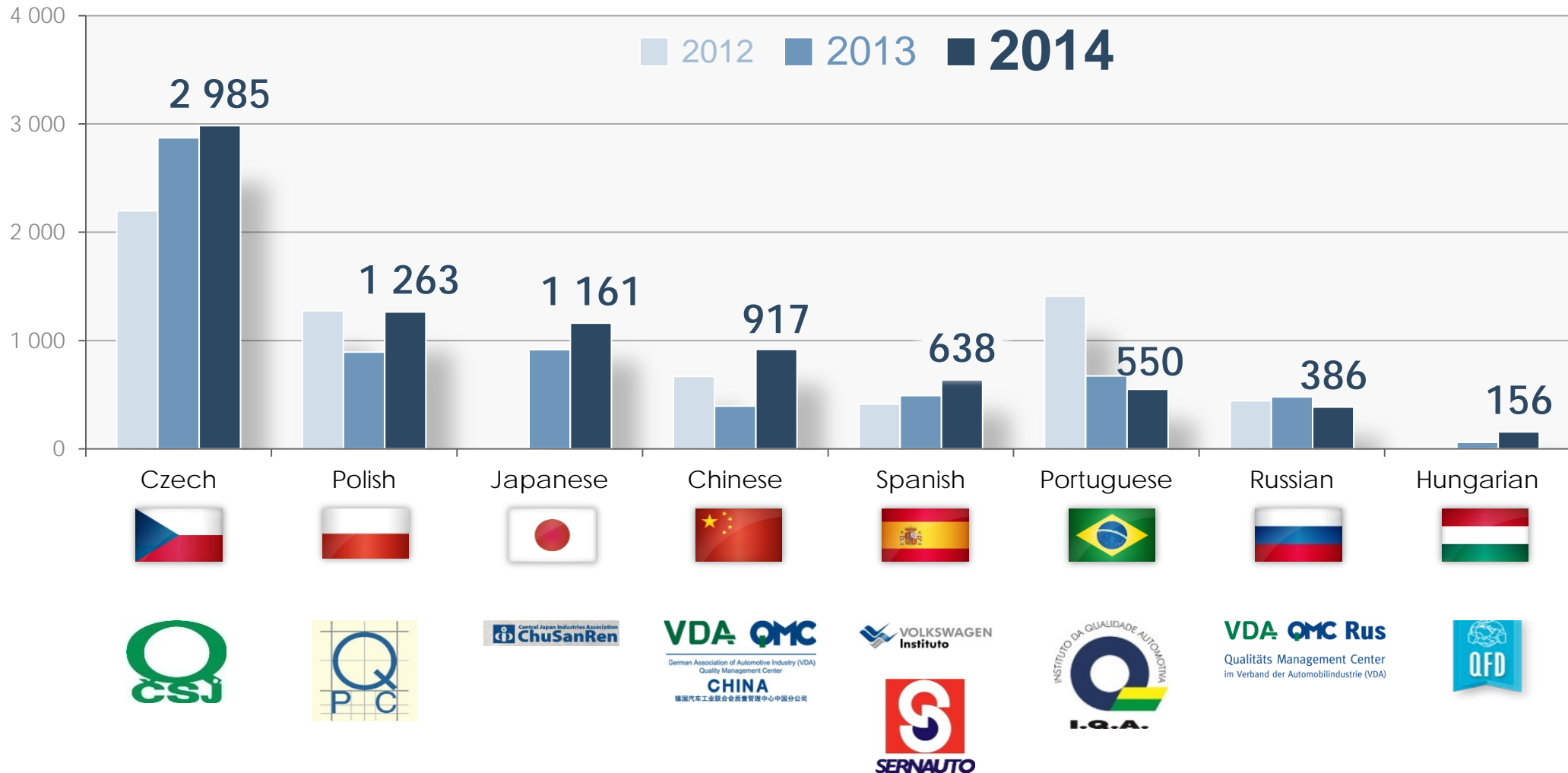
VDA , ISO/TS publications and other products

TOP 6 VDA QMC publications 2014/2015

1. VDA volume 6 Part 3
2. IATF - ISO/TS 16949
3. VDA volume 6 part 3 (ENGLISH)
4. IATF - certification requirements
5. VDA volume 2
6. VDA volume 5



Sales of VDA and ISO/TS publications in other languages by our licensees

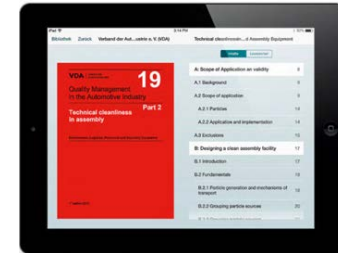
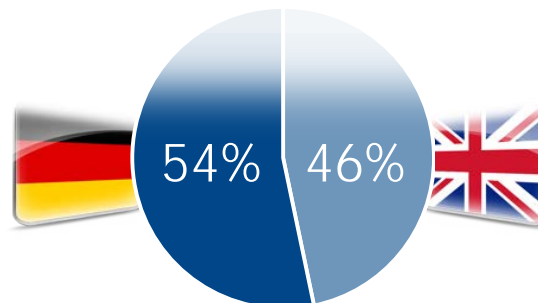


Sales E-Books über den Online QMC Webshop



Seit Verkaufsbeginn
Januar 2014 wurden

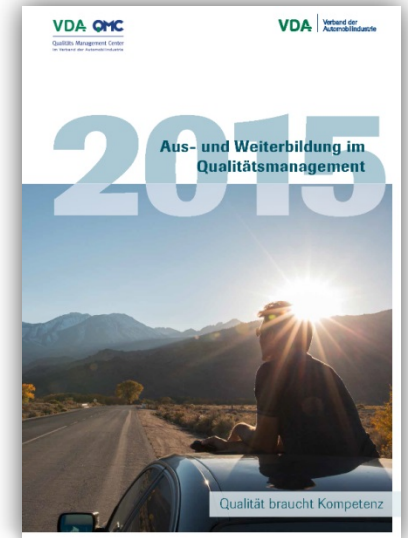
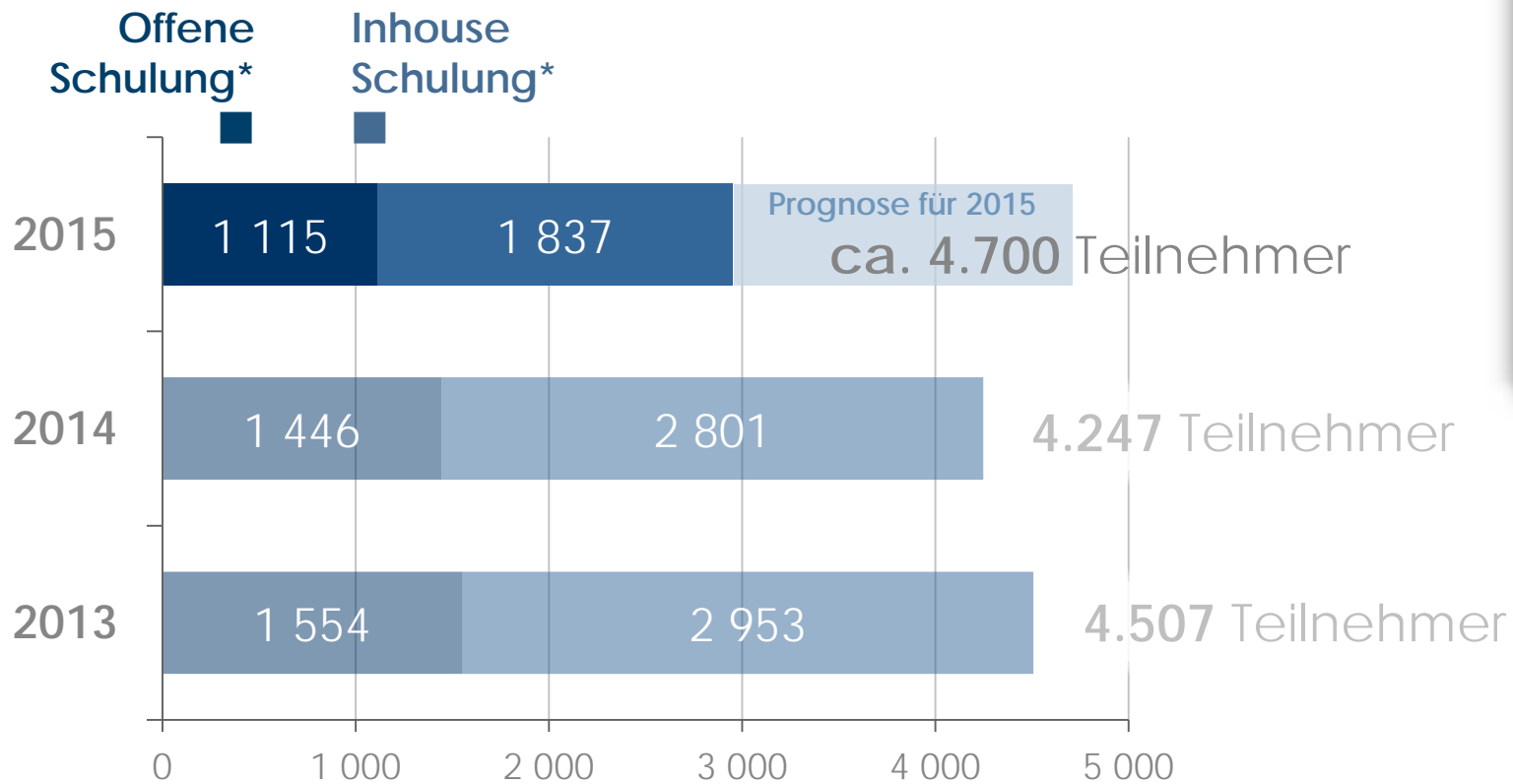
3.168 E-Books verkauft



TOP 10 Downloads VDA E-Bände 2015

1. e-Volume 6 Part 3
2. e-Band 2
3. e-Volume 2 – PPA
4. e-Band 6 Teil 03
5. e-Volume 6 Part 5
6. e-Volume 5
7. e-Volume 1
8. e-Volume 6 Part 7
9. e-Band 5
10. e-Band 4 Ringbuch

VDA QMC Aus- und Weiterbildung Anzahl Teilnehmer (offene und Inhouse)



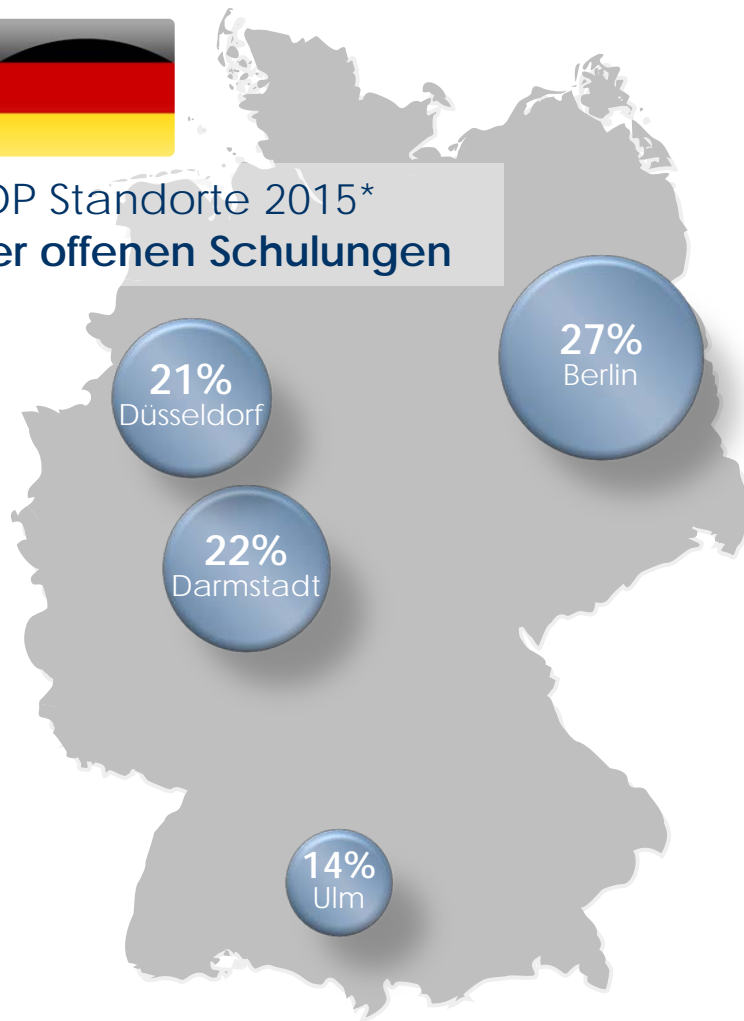
*1Q/2015

VDA QMC Aus- und Weiterbildung

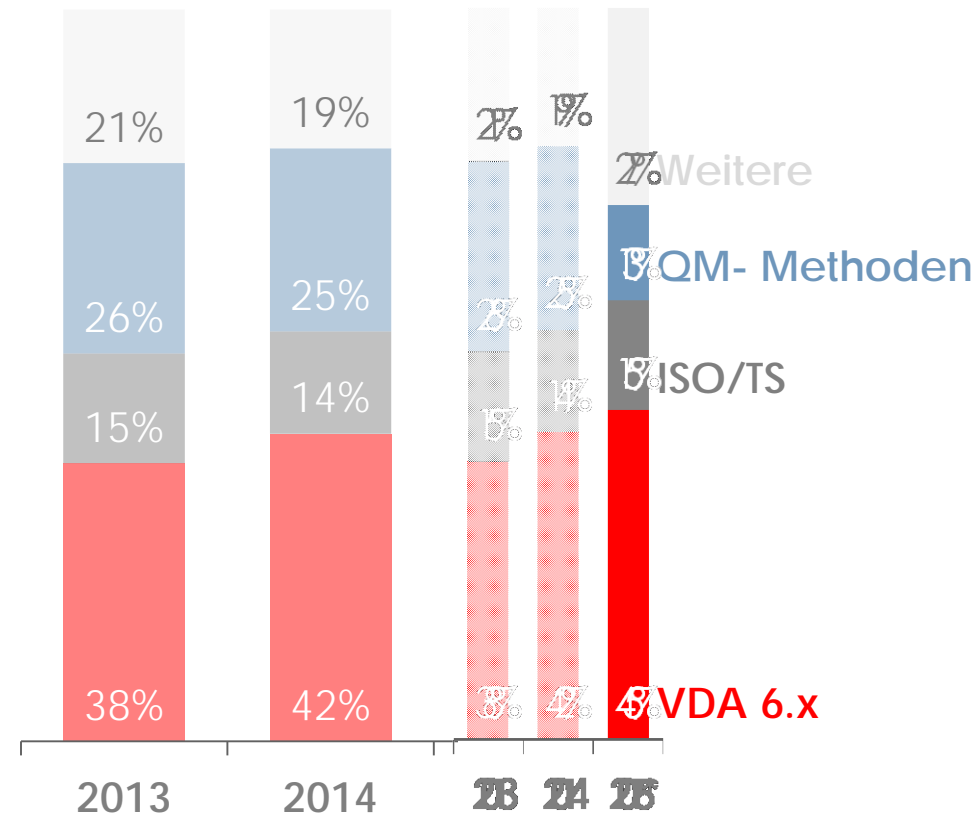
TOP Standorte 2015* | TOP 3 Produkte 2013 – 2015*



TOP Standorte 2015* Der offenen Schulungen



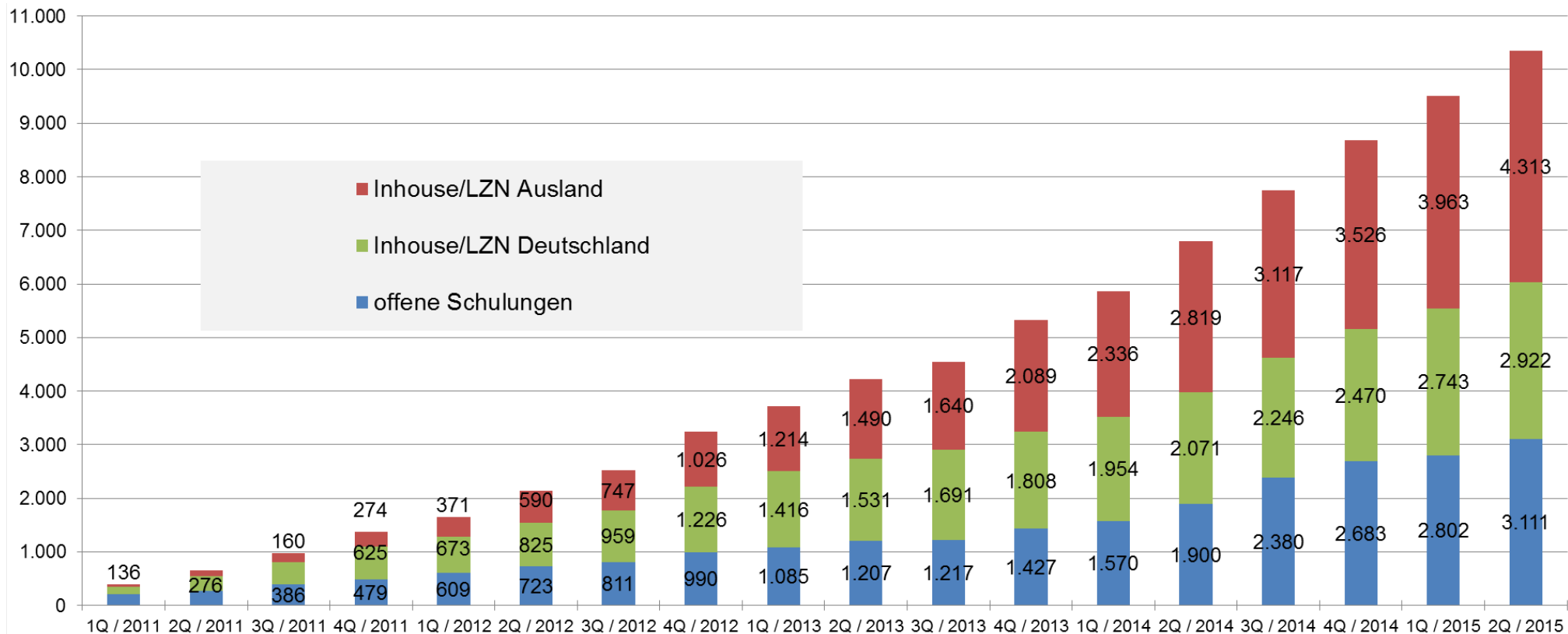
TOP 3 Produkte 2013 – 2015 Teilnehmer*



*1Q/2015

Number of participants of VDA 6.3 Process Auditors 2010 – 2015

Total number of participants of VDA 6.3 Process Auditors: : Σ 10.346



Overview of the VDA QMC licensees global network



IATF - International Automotive Task Force



The IATF is an international task force which is comprised of representatives of the national automotive associations and OEMs of the automotive industry.

Nationale Automobilverbände

ANFIA



IAOB



FIAT CHRYSLER AUTOMOBILES

IATF France



SMMT



SMMT

VDA QMC



Qualitäts Management Center
im Verband der Automobilindustrie



DAIMLER



nationalen Automobilverbänden zugeordnete IATF Oversight Offices

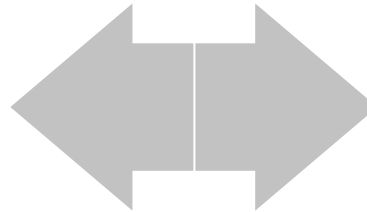
IATF Oversight offices and ISO/TS certification bodies



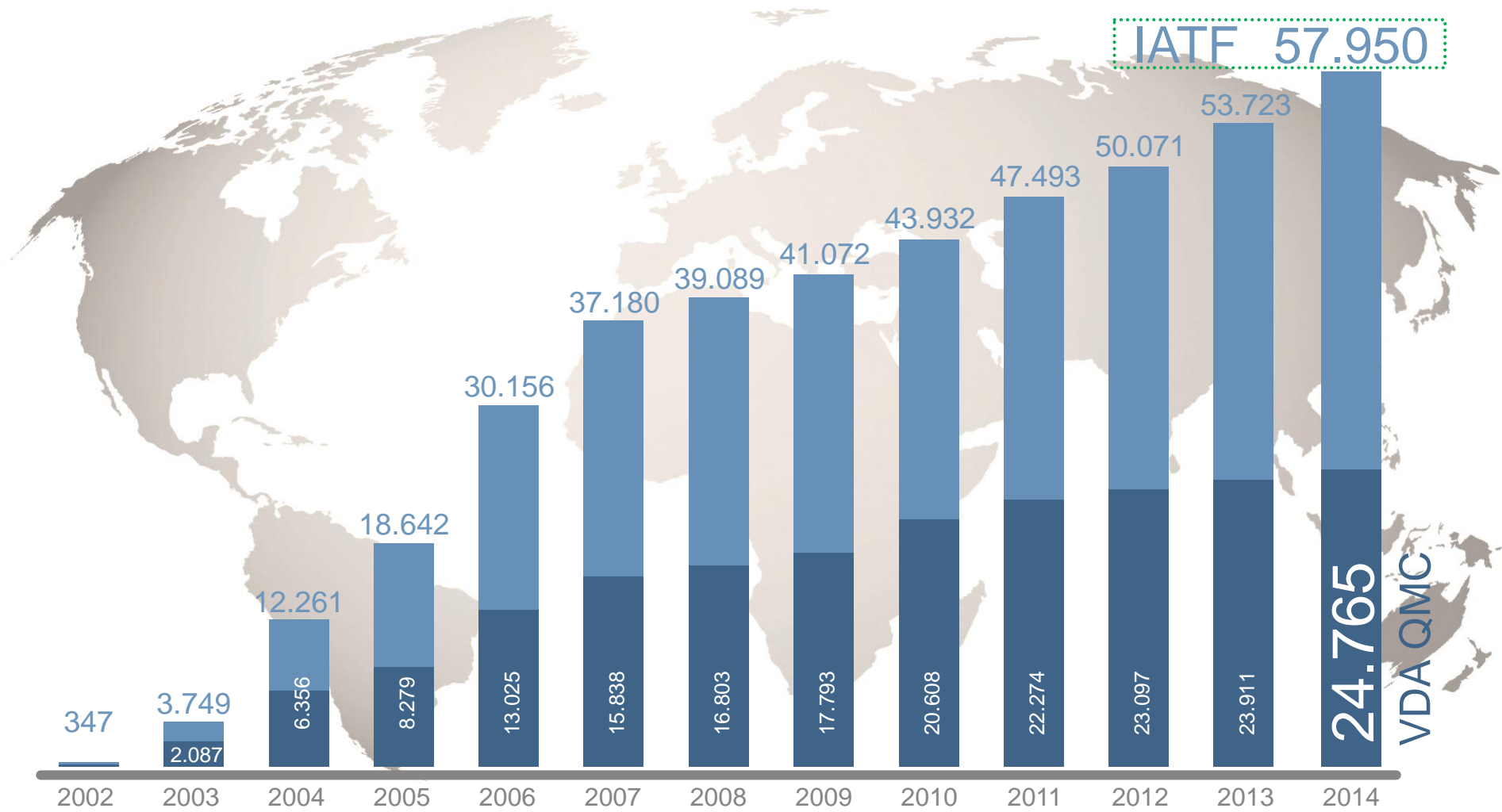
44 certification bodies are currently authorized by IATF to perform ISO/TS 16949 certification.

The latest change is a result of a merger between AQA and NSF.

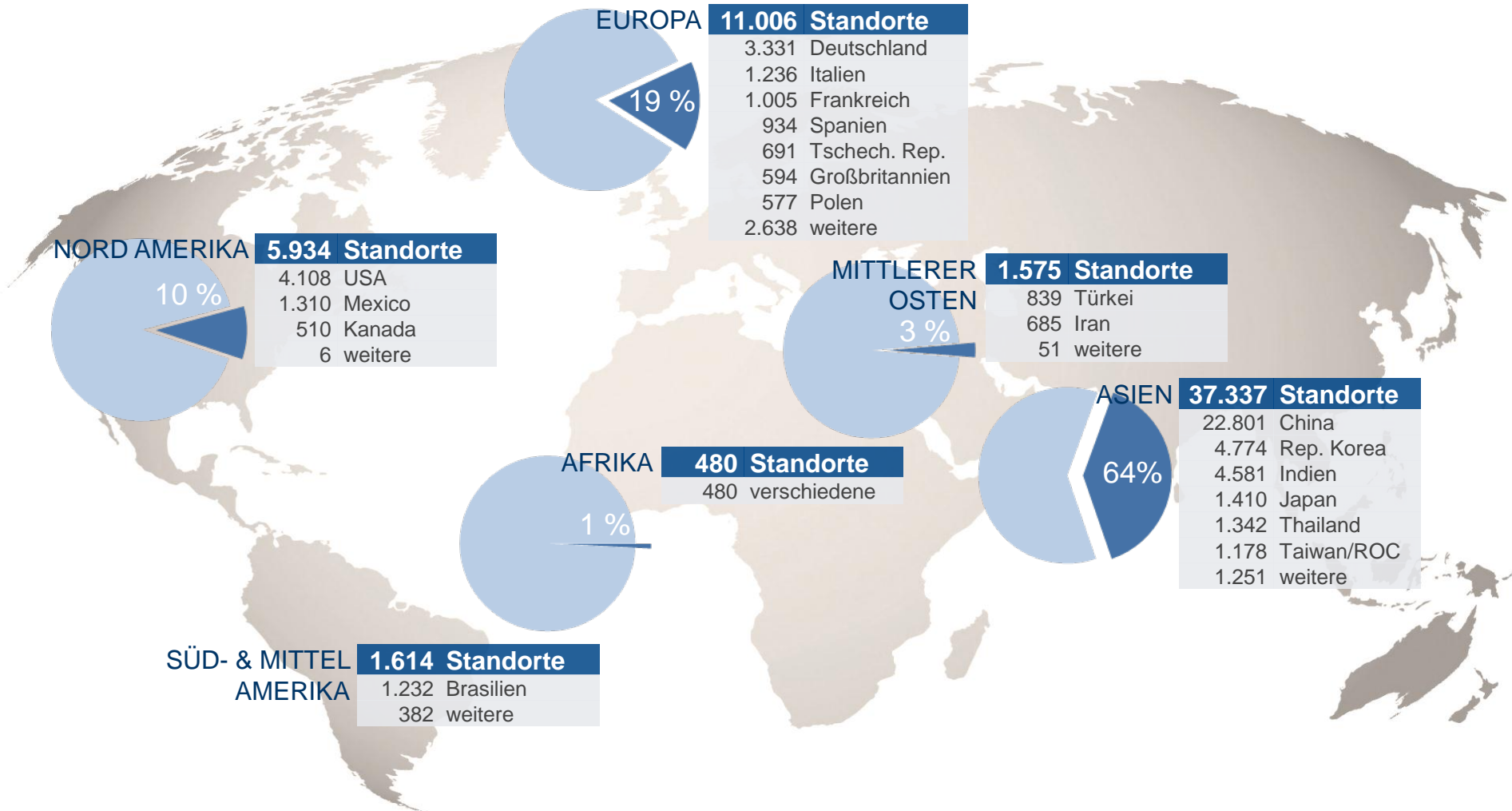
Nationale and internationale VDA Standards



Development of the ISO/TS 16949 certificates since 2002

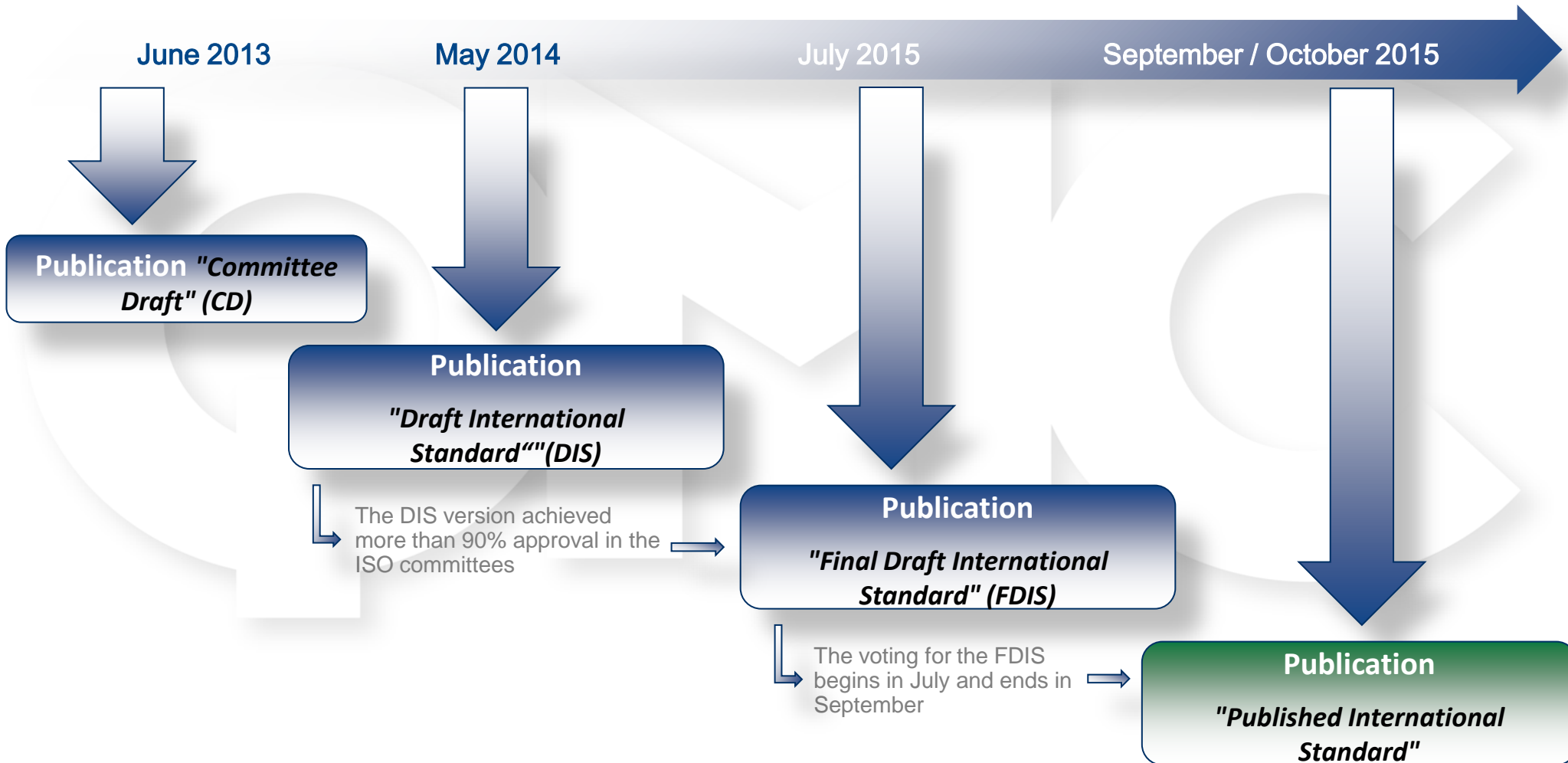


Distribution of the 57.950 ISO/TS 16949 certified sites - as of 31 December 2014



(only countries with more than 500 ISO/TS 16949 certificates)

Timeline of the revision of ISO 9001



Current information on the future/revision of ISO/TS 16949

The IATF will follow the structure and the content of ISO 9001:2015

An IATF – working group works on a project plan, which also considers necessary issues:

- Determination of ballot phases during the development of the new ISO/TS
- Transition period(s) for the revision of ISO/TS 16949
- Preparation of trainings for the certification bodies and 3rd party auditors

Current information on the future/revision of ISO/TS 16949

Change through the application of the "High Level Structure":

- new paragraph structure

Correlation Matrix ISO 9001:2008 to ISO/DIS 9001

ISO 9001:2008		ISO/DIS 9001	
4	Quality management system	4	Quality management system
4.1	General requirements	4.4	Quality management system and its processes
4.2	Documentation requirements	7.5	Documented information
4.2.1	General	7.5.1	General
4.2.2	Quality manual	4.3	Determining the scope of the quality management system
		7.5.1	General
		4.4	Quality management system and its Processes
4.2.3	Control of documents	7.5.2	Creating and updating
		7.5.3	Control of documented Information
4.2.4	Control of records	7.5.2	Creating and updating
		7.5.3	Control of documented Information

- partially changed terminology (technical terms)

QMC Events: Symposium, conference, exhibition



**Quality, Safety and Security
for Automotive Software-based Systems**

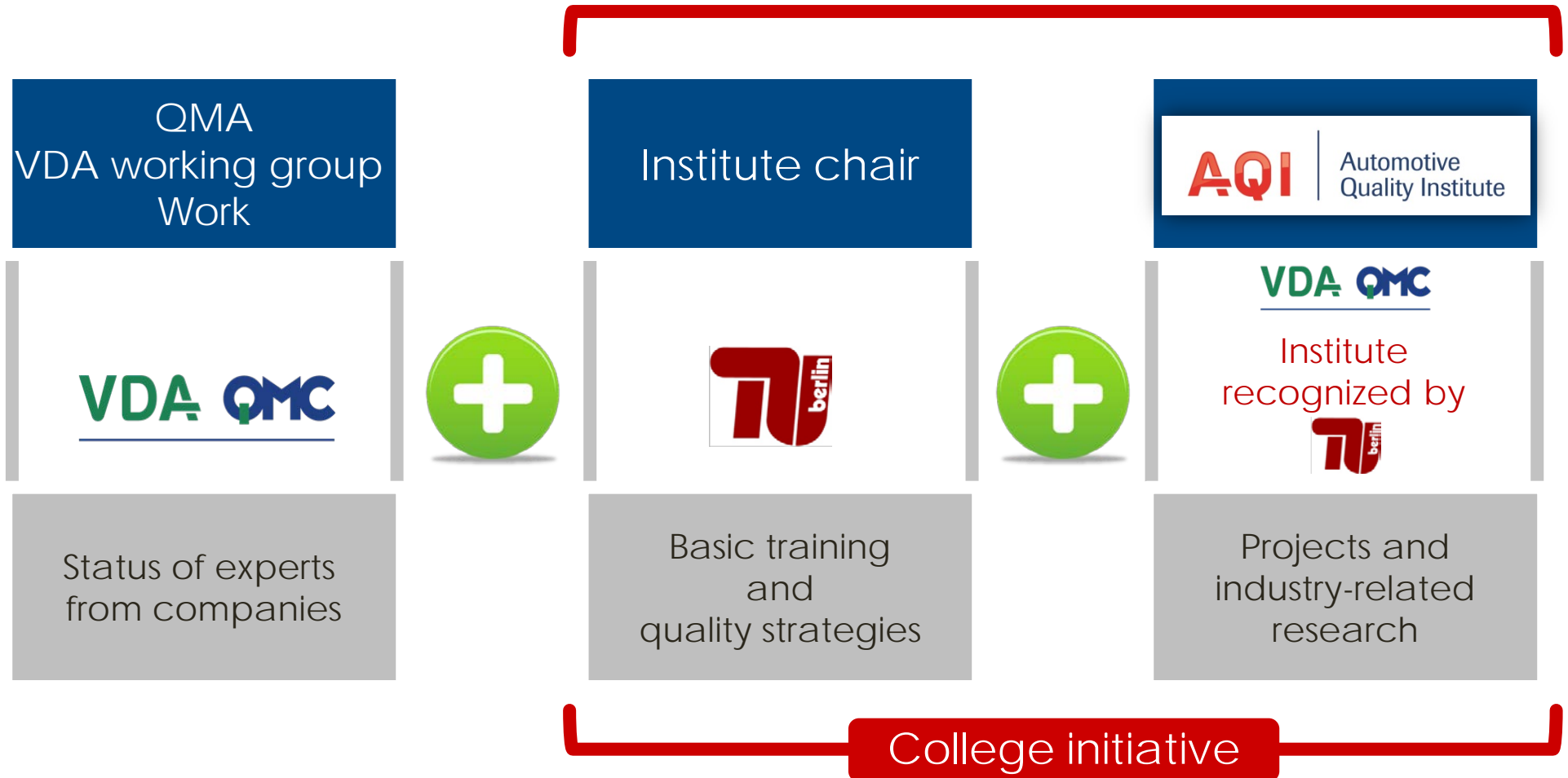


Definition des Koordinatensystems und der wichtigsten Handlungsfelder
fields of action: definition and coordination system



Nachhaltigkeit:
sustainability

What is the relationship between the work in the QMA regarding the institute chair and the Automotive Quality Institute (AQI)



Thank you for your
attention!

Contact:

Heinz Günter Plegniere
Managing Director VDA QMC