

Foundation EAA

1974



2017



ESTAL



Articles of Association

The mission of Qualanod is to promote the use and secure the quality, of anodized aluminium, through the design and management of a product and process certification adapted to end-market needs.

The Association wants:

To safeguard and develop the standard of quality of the anodic oxidation of aluminium and its alloys.

To promote the Qualanod quality label internationally

Proactively act on sustainability (environmentally, socially and economically).



Advantages of holding a Qualanod licence

Asking for the Qualanod label adds value to building products:

- licensed plants have a distinct competitive edge over their rivals

Customers and specifiers have confidence because:

- anodizer is part of an accredited product certification scheme
- the anodized products meet clearly defined quality and performance criteria
- compliance is independently monitored by unannounced inspections

Winning contracts in some European countries without a Qualanod licence is very difficult

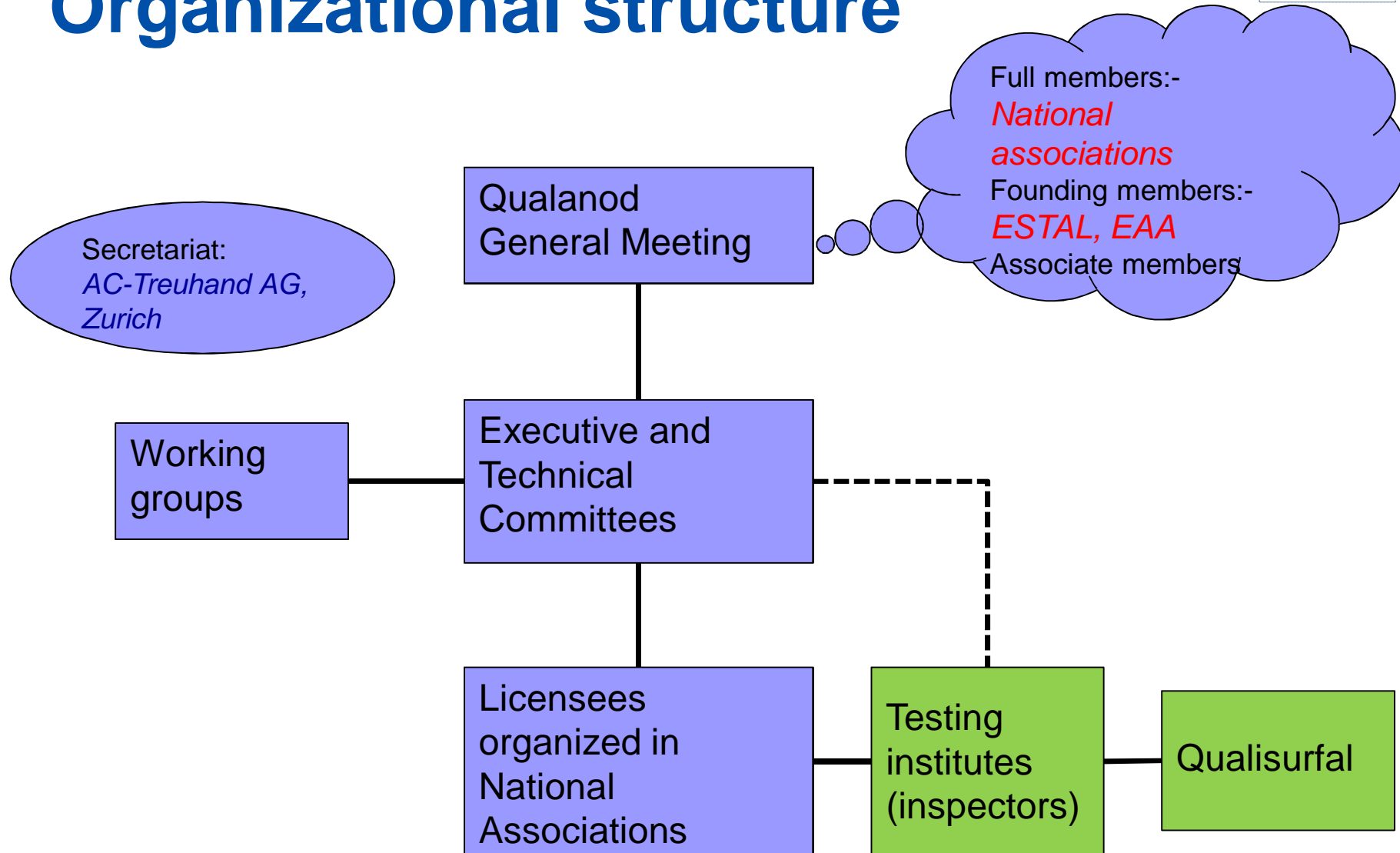


Qualanod's strengths

- Infra-structure for accredited product certification
 - Verified compliance with ISO 17065
 - Network of testing institutes
 - Inspectors experienced with anodizing
 - National Associations with local responsibilities
- Well-known and respected label
- Established and effective Specifications



Organizational structure

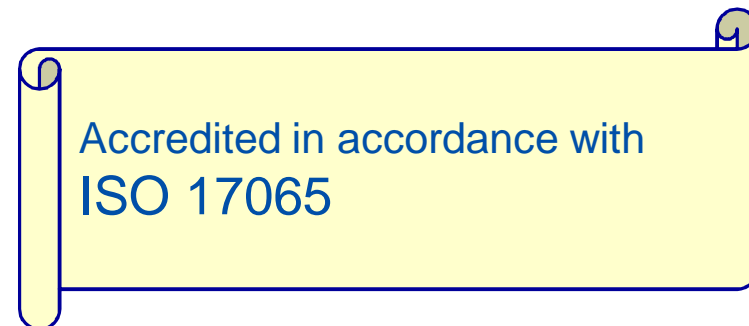
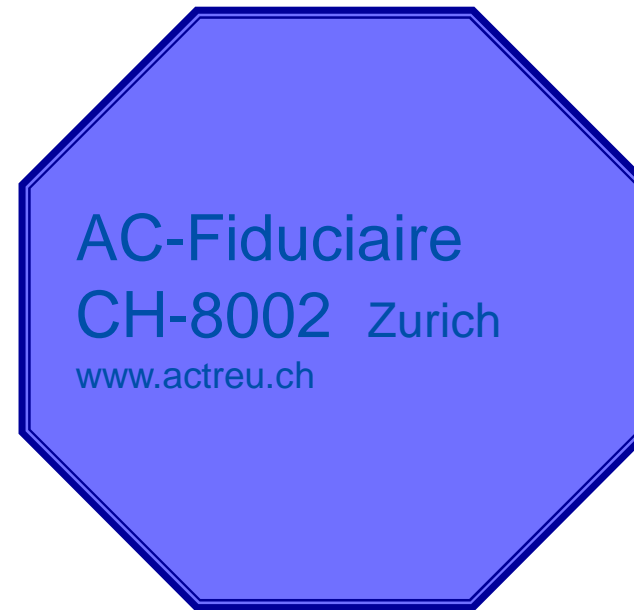




Administration



Josef Schoppig
General Secretary





Accreditation since 1997: no SCESp 045





Accreditation

- Some National Associations and AC Treuhand are accredited to ISO 17065, “General requirements for bodies operating product certification systems”.
- Testing institutes are accredited to ISO 17025: 2005, “General requirements for the competence of testing and calibration laboratories”, for the tests required by QUALANOD.



The nature of the quality label

Selection of suitable standards

- ISO, EN ISO

Set limit values for the quality assurance

Develop instructions for in-house control

Verify compliance by independent inspection

Adapt the specifications to new developments



What Qualanod does not stand for:

Qualanod is **not** a quality management system.

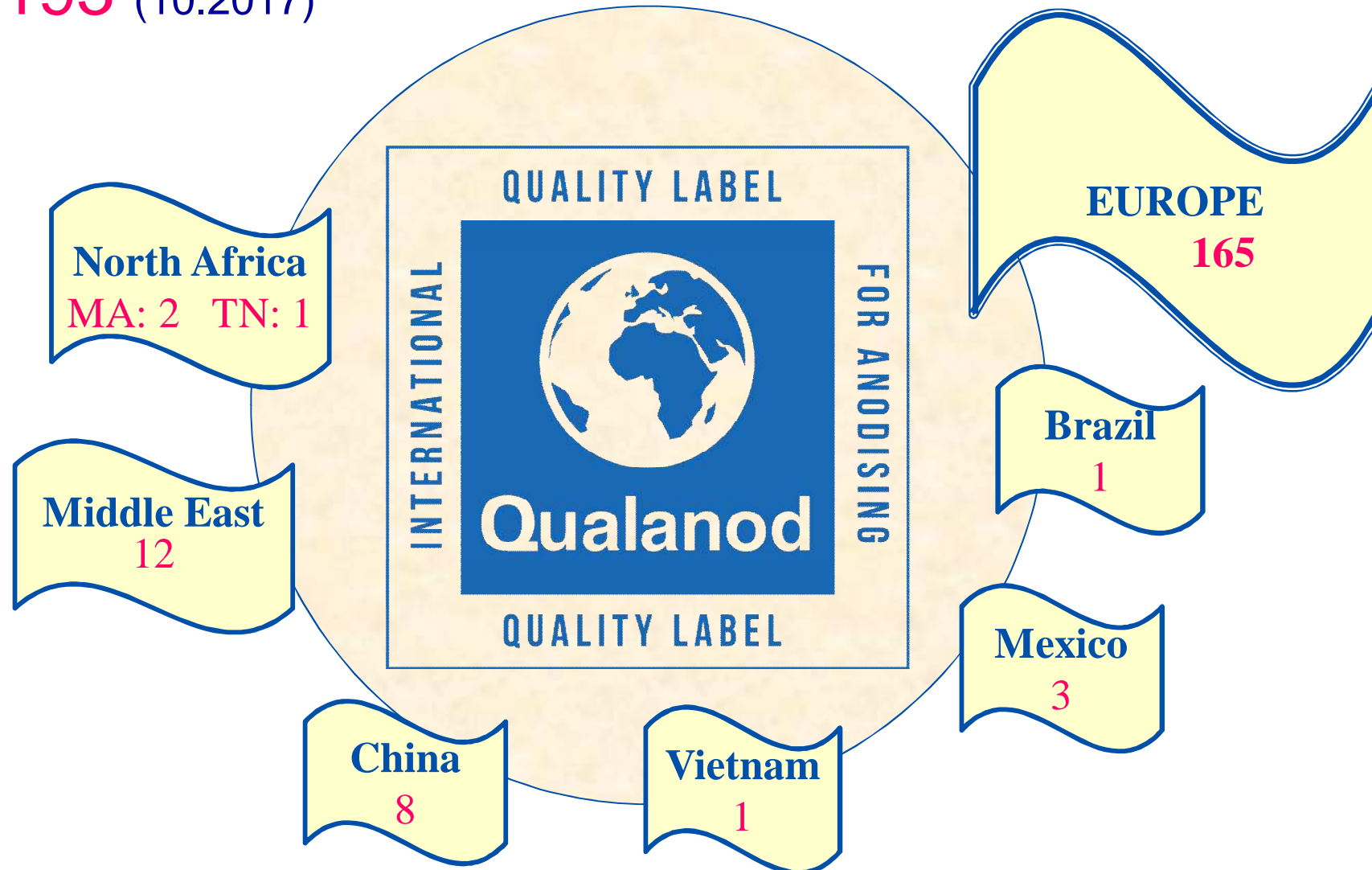
ISO 9000, ISO 16949, or QS 9000 quality management systems provide procedures to assure the quality management system of an organization.

Such quality management systems are, however, an asset for each licensee.



Current number of licensees

193 (10.2017)

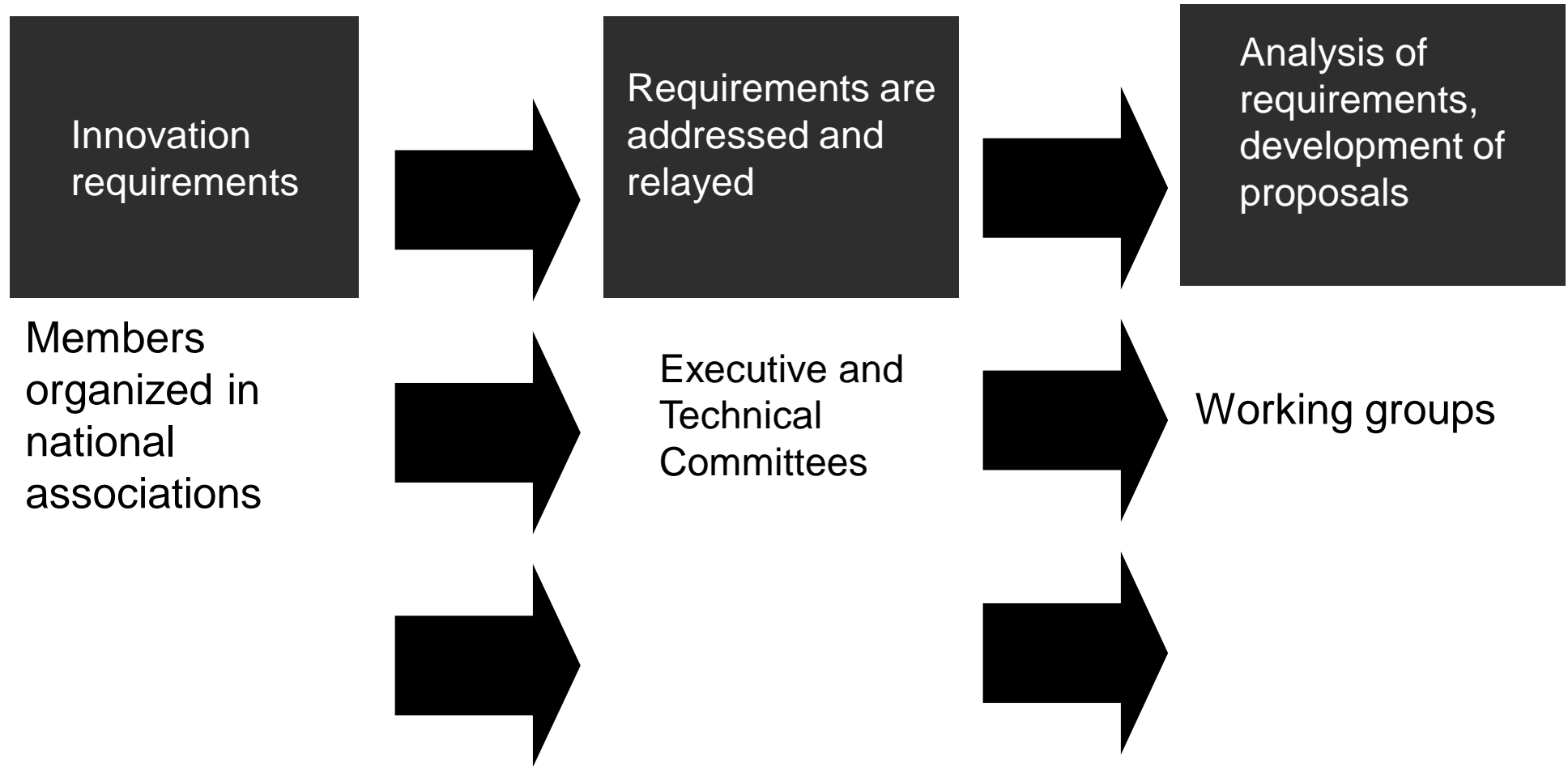


Statistic countries

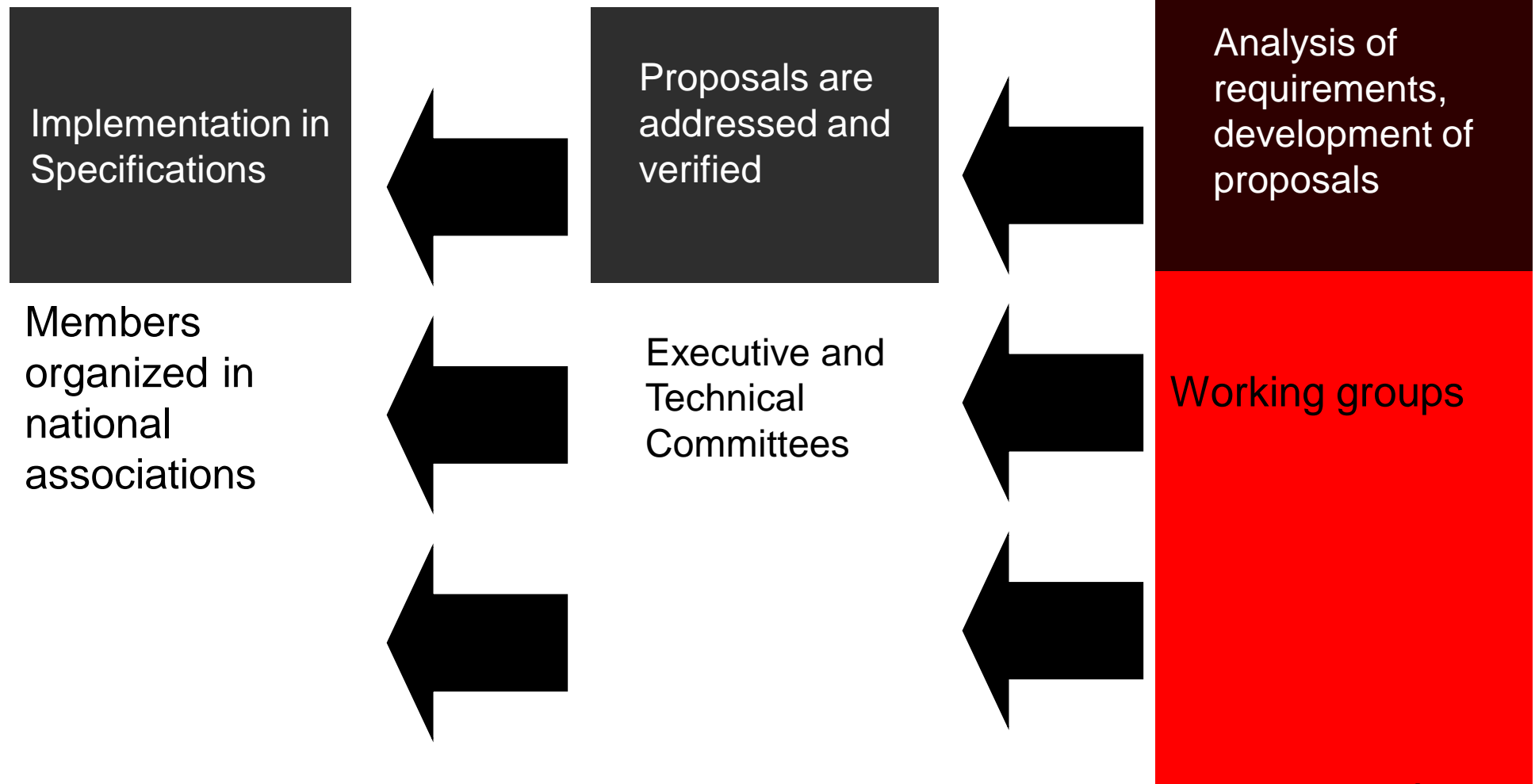


Country	01.01.2017	23.10.2017	New	Cancelled	Changes
Albania	1	1	0	0	0
Austria	4	4	0	0	0
Bahrain	1	1	0	0	0
Belarus	2	2	0	0	0
Belgium	5	5	0	0	0
Bosnia and Herzegovina	1	1	0	0	0
Brasil	1	1	0	0	0
China	7	8	1	0	1
Cyprus	1	1	0	0	0
Denmark	1	1	0	0	0
France	7	7	0	0	0
Germany	27	27	0	0	0
Greece	4	4	0	0	0
Hungary	1	1	0	0	0
Italy	27	29	2	0	2
Kuwait	1	1	0	0	0
Lebanon	1	1	0	0	0
Mexico	3	3	0	0	0
Morocco	2	2	0	0	0
Netherlands	6	6	0	0	0
Oman	1	1	0	0	0
Poland	6	6	0	0	0
Portugal	7	7	0	0	0
Qatar	1	1	0	0	0
Russian Federation	2	2	0	0	0
Saudi Arabia	3	3	0	0	0
Slovakia	2	2	0	0	0
Spain	21	19	0	2	-2
Switzerland	2	2	0	0	0
Tunisia	1	1	0	0	0
Turkey	33	35	2	0	2
United Arab Emirates	4	4	0	0	0
United Kingdom	3	3	0	0	0
Vietnam	1	1	0	0	0
Total	190	193	5	2	3

QUALANOD innovation process



QUALANOD innovation process





Technical Specifications

["Specifications for the Qualanod Quality Label for Sulphuric Acid-Based Anodizing of Aluminium", Edition 01/01/17]

- Licensing anodizers
- Regulations for use of the quality label
- Inspections
- Test methods for products
- Guidance on products and processes
- Appendix – Architectural anodizing
- Appendix – Industrial anodizing
- Appendix – Decorative anodizing
- Appendix – Hard anodizing



Technical Specifications

Since 2017 the Specifications covers four types of anodizing:

Architectural
Anodizing



Industrial
Anodizing



Decorative
Anodizing



Hard
Anodizing

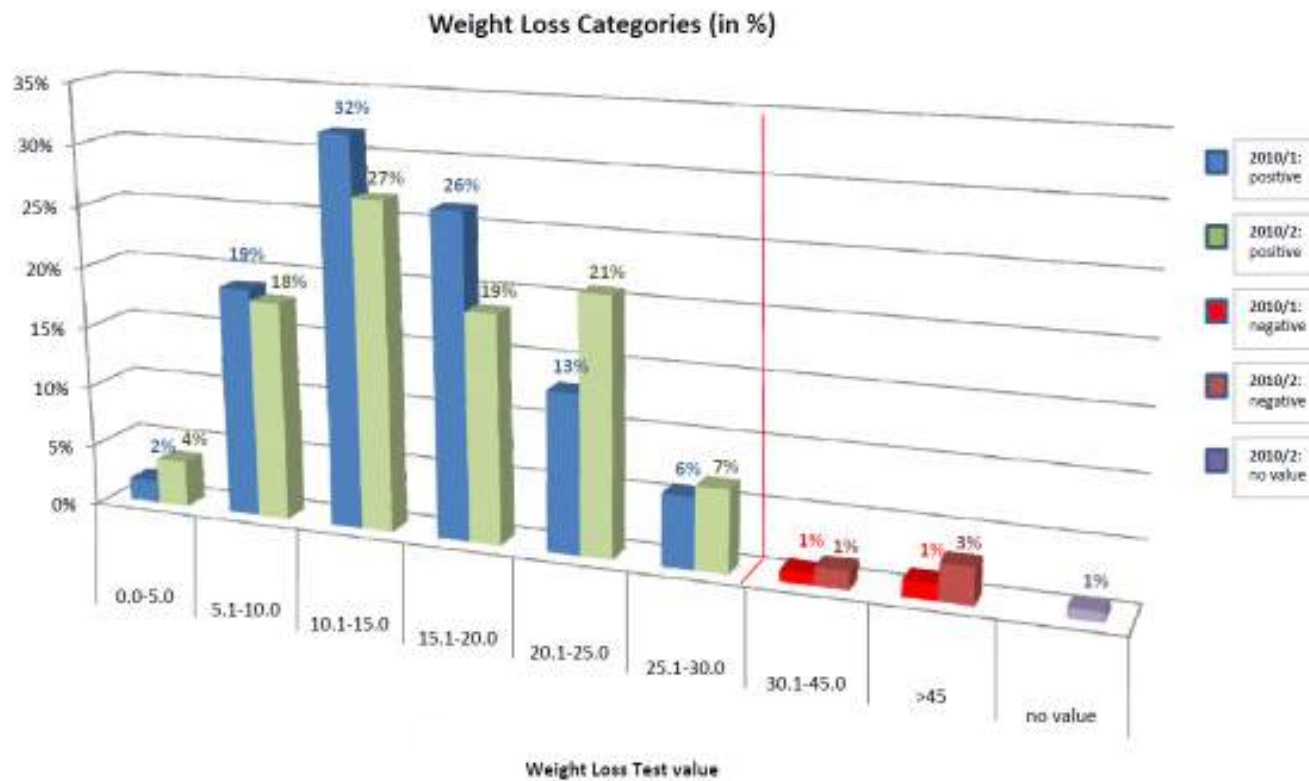


Weight loss test

- **Phosphor-/ Chromic acid solution is cancerogenic** – EChA candidate list of substances with high danger
- Sapa Technology and LNEC projects to look for alternatives

Statistic

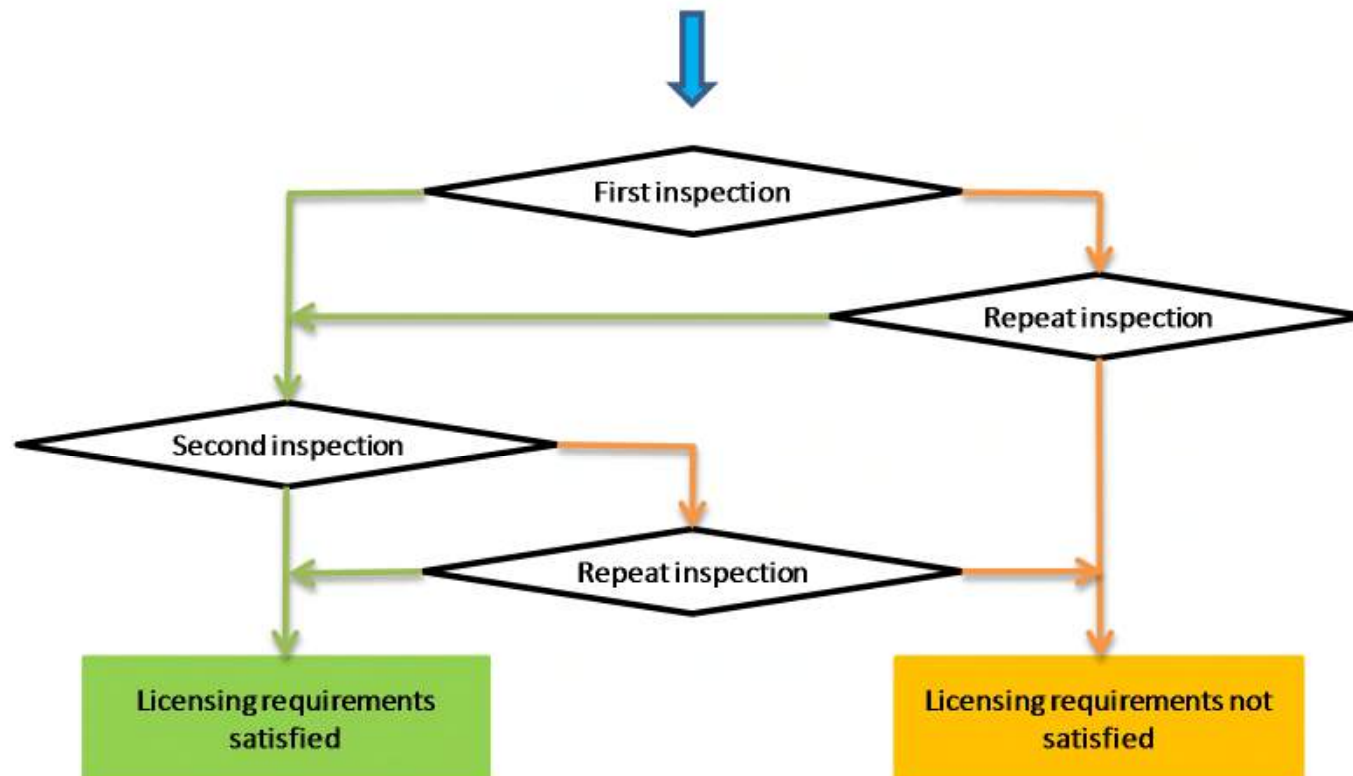
■ Monitoring of the inspection results

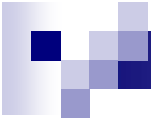


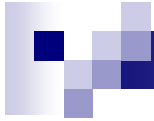
Inspection procedure

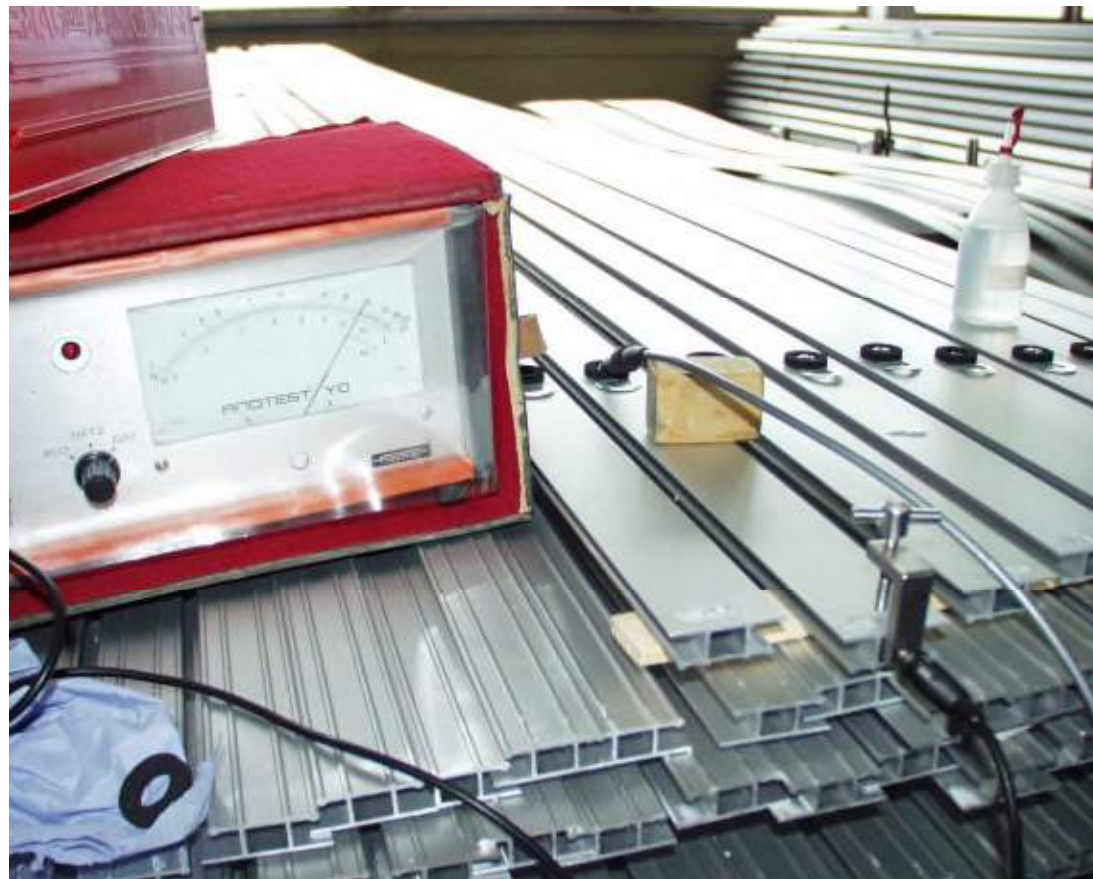


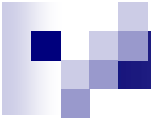
Each rhombus represents an inspection.

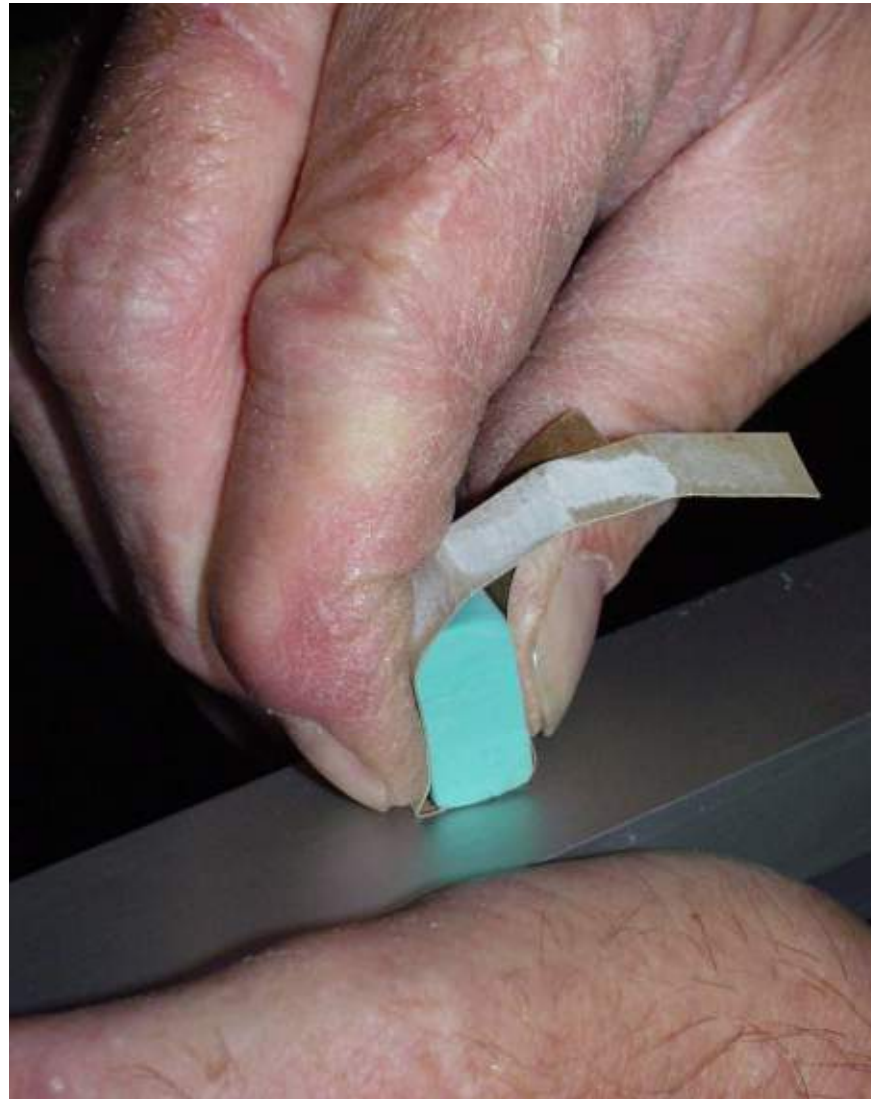
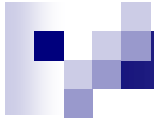


















Procedure to become a QUALANOD licensee

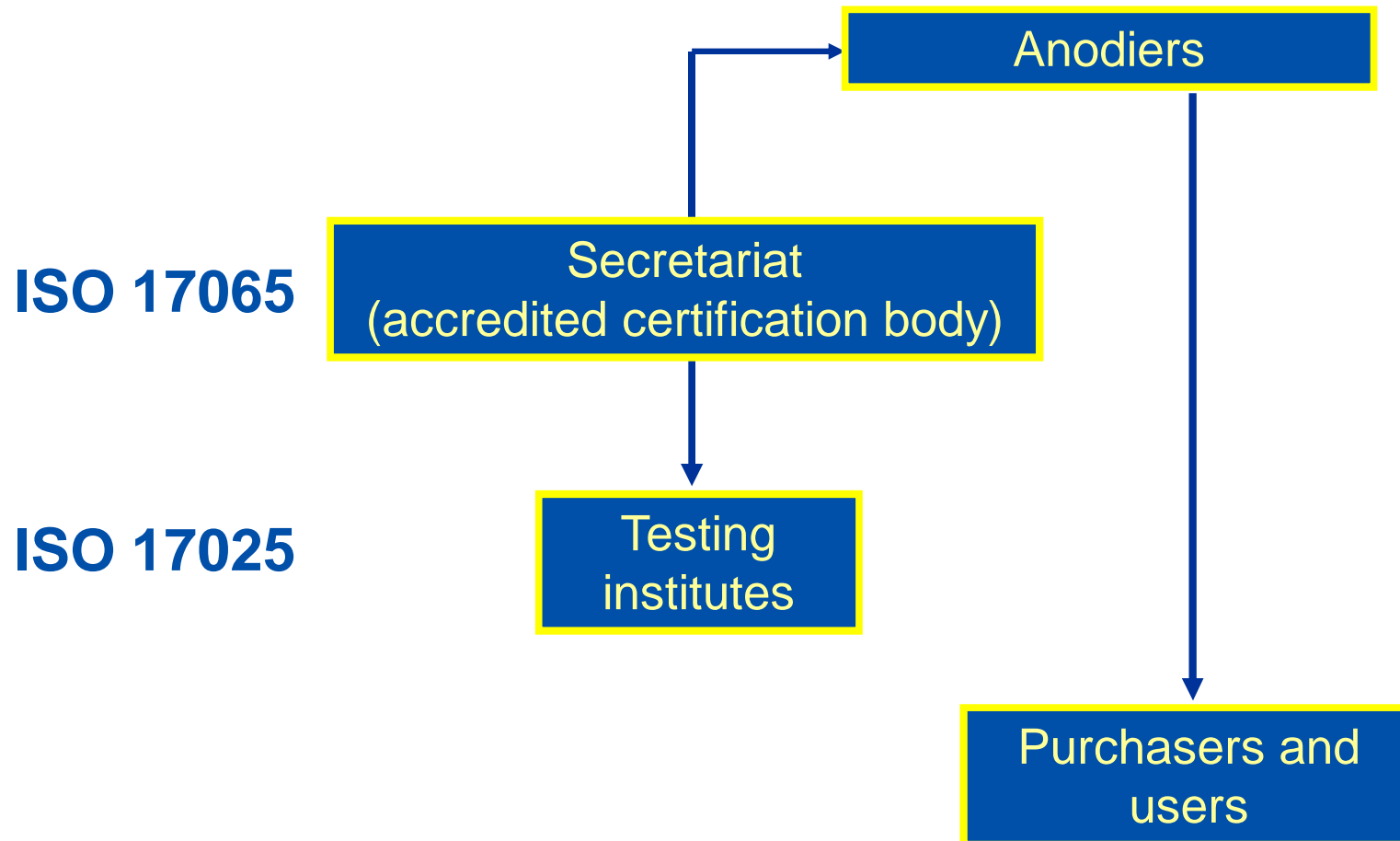
- Voluntary preliminary visit
- If necessary change and improvement of the installations and the laboratory
- First official (announced) inspection
- Second official (unannounced) inspection
- Every year two positive unannounced routine visits



QUALISURFAL

Inspectors' meetings

as from
1987



Marketing

- Folder
- Cooperation with other associations
- Extension to other fields of applications (automotive, railways etc.)



Future development of QUALANOD



Information



To learn more,
please visit
www.qualanod.net

- **About the Qualanod quality label**
- **Specifications and Updates**
- **Lists of licensees with National Association and testing institute**



**Thank you for your attention and
welcome to QUALANOD**