



Objectives and Services

Introduction

Content

1	Legal Requirements for Unit Management
2	Our Objectives
3	Our Services
4	About IGR
5	Benefits
6	Membership application

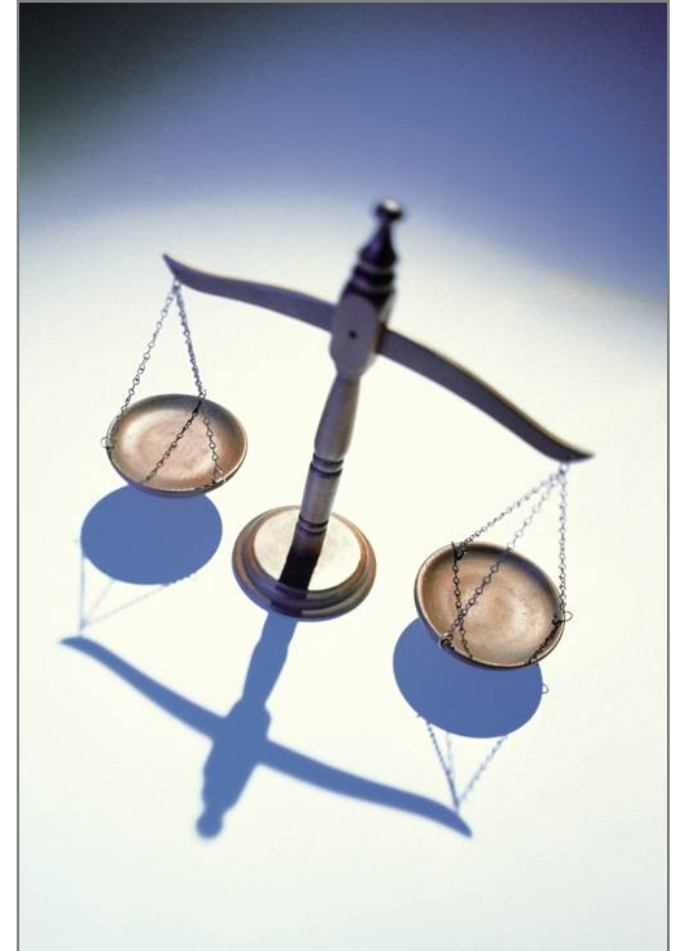


Legal Requirements for Unit Management

With regard to process engineering and energy systems, each operating company is responsible for proper

- planning,
- licensing,
- construction,
- operation and
- maintenance,

which conform to applicable standards, to ensure the protection of lives, the environment and material assets throughout the life cycle of the units.



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Our Objectives

IGR assists its members in proper

- planning,
- building,
- operation and
- maintenance

of their installations by using target-oriented IGR activities to facilitate an operations-oriented, practical approach to the implementation of legal and economic standards.

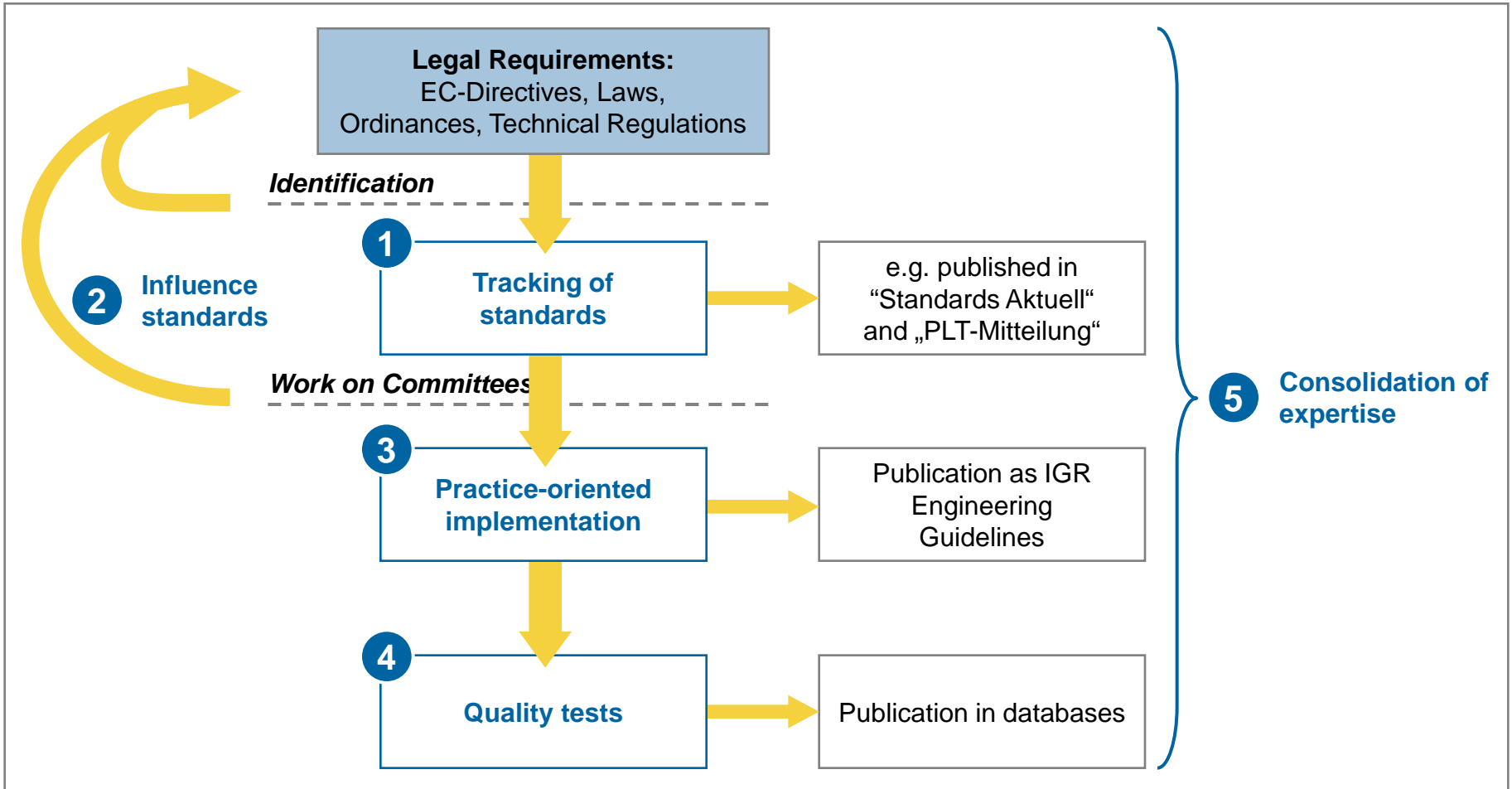


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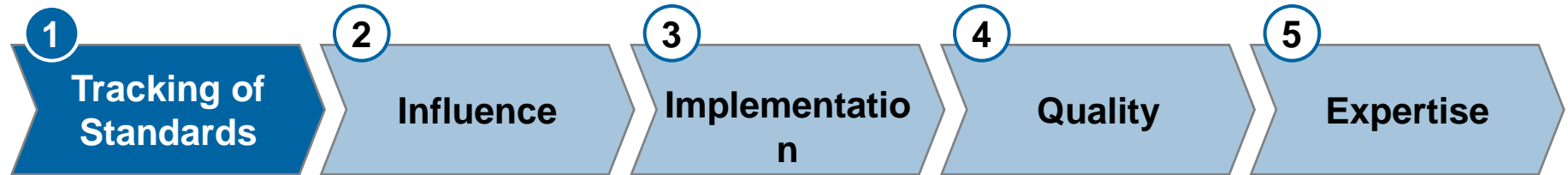
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Services at a Glance



Tracking of Standards



- Systematic identification and monitoring of relevant standards
- Publication, e.g. in
 - *Standards Aktuell*, the informative magazine on technical standards
 - *PLT-Mitteilungen*, are informations from the field of electrical, instrumentation and controls engineering

Influence on Standards



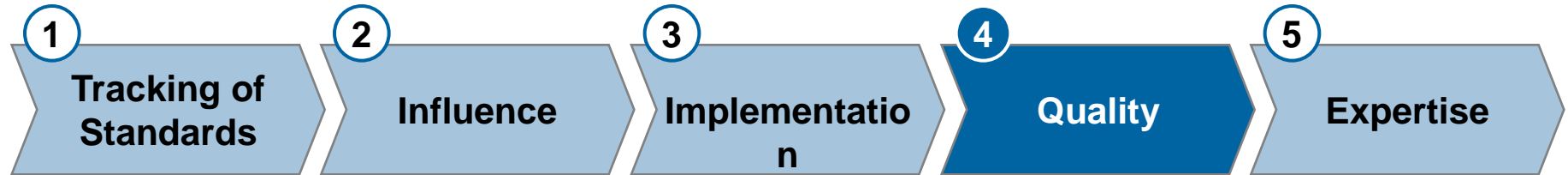
- Regular coordination with peer companies and authorities concerning the interpretation and implementation of laws and standards
- Collaboration with and representation in selected committees at national, European and international levels, e.g.
 - DIN, VDI, CEN, ISO
 - VDE, DKE, CENELEC, IEC, GMA
 - NAMUR, VCI, VDMA
 - ABS (BetrSichV Board), BDI/BDA

Practice-oriented Implementation



- Preparation of practice-oriented work instructions in internal and external committees
- Expert contributions from IGR members
- Publication of IGR Engineering Guidelines

Quality Tests



- Quality Tests
 - Type approval tests of electrical and automation devices
 - Supplier audits
 - Exchange of test results with partner companies
- Validation of materials and selected test methods
- Availability of special testing methods for trouble shooting
- Publication in databases

Consolidation of Expertise



- Technical advice from experts
- Exchange of experiences
- Seminars
- Workshops on education and training

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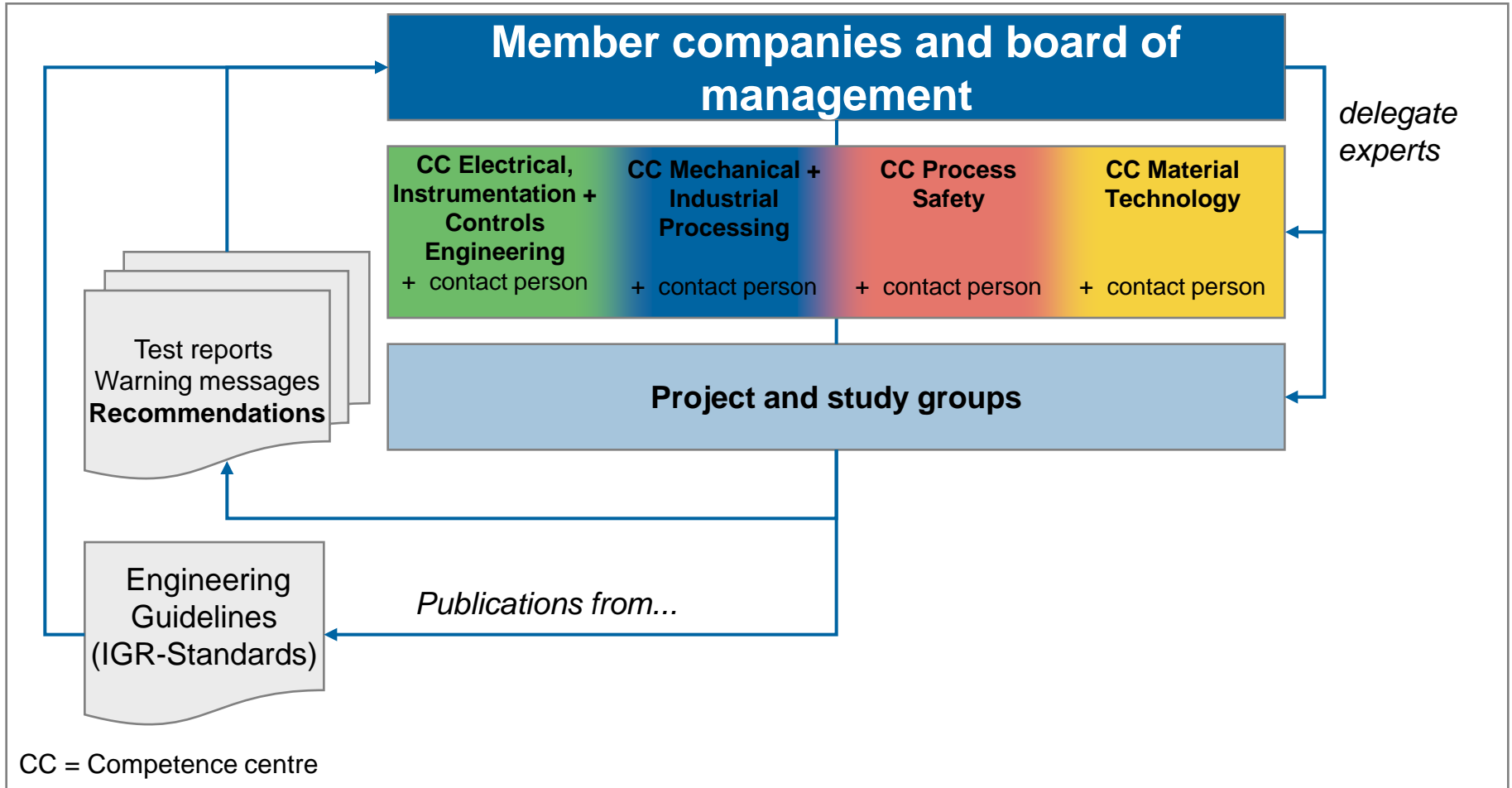
About IGR

The IGR is an association of chemical and pharmaceutical companies

The following areas of expertise are currently covered:



Organisation



How to save money by joining IGR

Example

Developing of a Guideline to generate Explosion Protection Documents in house

Task	IGR-Approach	Labor earnings	Estimated value
The EU requires for all hazardous installations explosion protection documents.	<ul style="list-style-type: none"> The experts of the IGR developed clearly structured and easy to apply procedures. 	<ul style="list-style-type: none"> This allowed IGR member firms to generate the Explosion Protection Documents internally instead of using external consultants. 	<ul style="list-style-type: none"> One-time cost avoidance of € 10,000 per plant. Permanent cost avoidance of € 2,000 per year and plant to maintain the documents.

One of our member companies has estimated for itself savings of more than €400 000 per year through its IGR membership.

This is just one example, more on general inquiry ...

Our member companies

- AkzoNobel Industrial Chemicals GmbH
- Allessa GmbH
- Archroma Germany GmbH
- Basell Polyolefine GmbH
- Bayer AG
- Bilfinger Maintenance GmbH
- Boehringer Ingelheim Pharma GmbH & Co. KG
- BP Europe SE
- CABB GmbH
- Celanese Production Germany GmbH & Co. KG
- Clariant Produkte (Deutschland) GmbH
- Consilab Gesellschaft für Anlagensicherheit mbH
- Global Amines Germany GmbH
- Grillo-Werke AG
- GSK Vaccines GmbH
- Heraeus Holding GmbH
- InfraServ GmbH & Co. Gendorf KG
- InfraserV GmbH & Co. Höchst KG
- InfraServ GmbH & Co. Knapsack KG
- InfraServ Wiesbaden Technik GmbH & Co. KG
- Italmatch Deutschland GmbH
- Kuraray Europe GmbH
- Mühlberger GmbH
- Oxea GmbH
- Sanofi-Aventis Deutschland GmbH
- SE Tylose GmbH & Co. KG
- Siemens AG
- Spie Erwin Peters GmbH
- TÜV SÜD Chemie Service GmbH
- Vinnolit GmbH & Co. KG

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IGR Membership Benefits

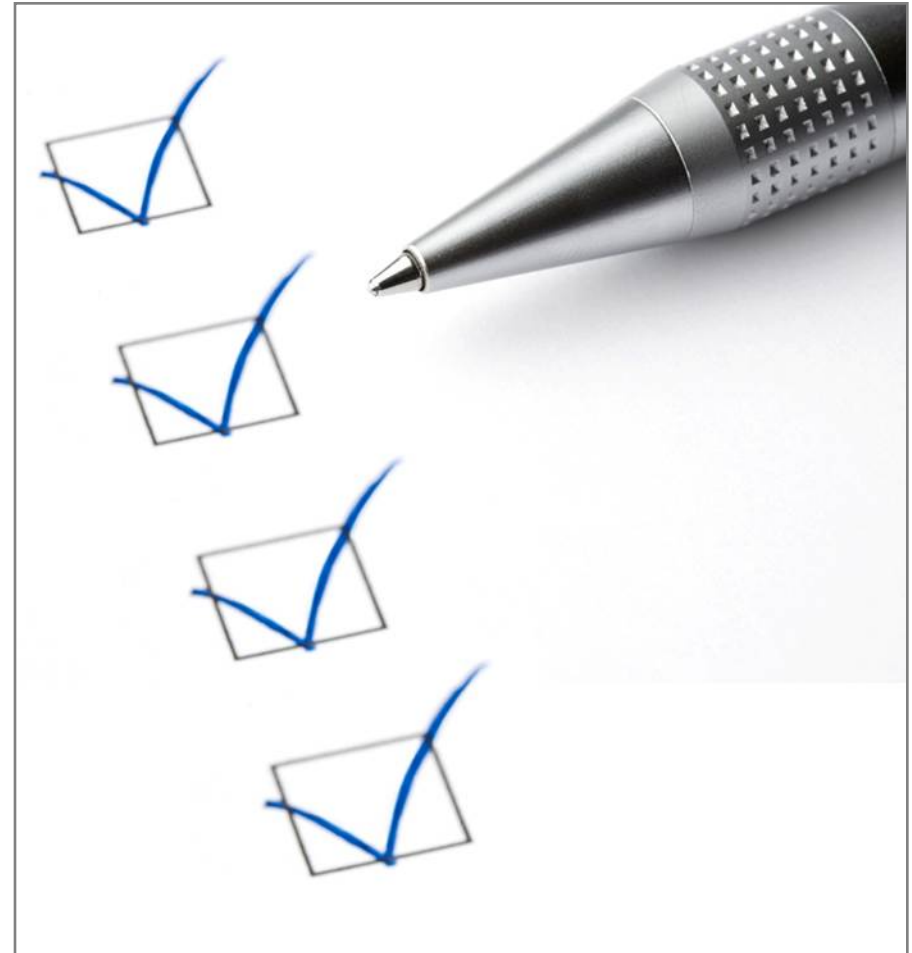
Cost saving regarding the

- fulfilment of operators' obligations
- implementation of legal statutes, ordinances, regulations, standards, etc.
- evaluation/guarantee of state of the art

Audit support through competent tracking of standards

Representation of user interests with manufacturers and suppliers

Ensured availability of broad scope of expert knowledge



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Becoming a member – simply contact us:

**To set up a presentation at your company
please contact:**



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