



Objectives and Services

Introduction

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Legal Requirements for Unit Management

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

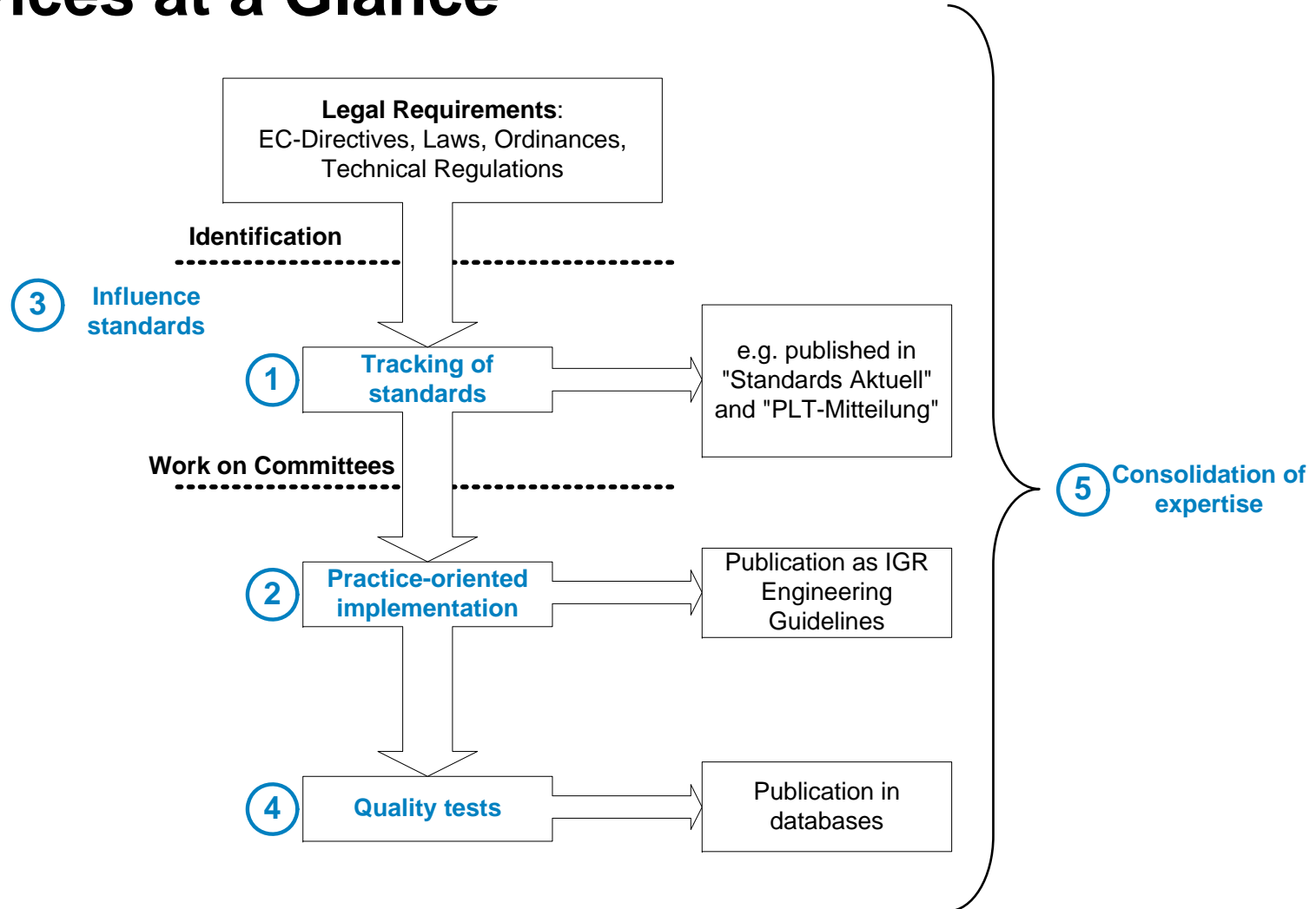
- planning,
- licensing,
- construction,
- operation and
- maintenance,

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

Our Objectives

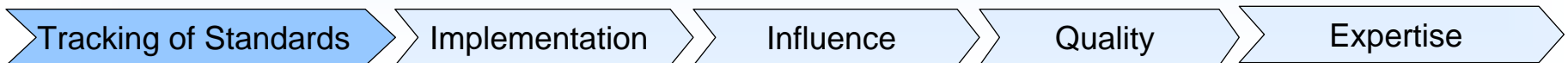
- IGR assists its members in proper
 - planning,
 - building,
 - operation and
 - maintenance
- of their installations by using target-oriented IGR activities to facilitate an operations-oriented, practical approach to the implementation of legal and economic standards.

Services at a Glance



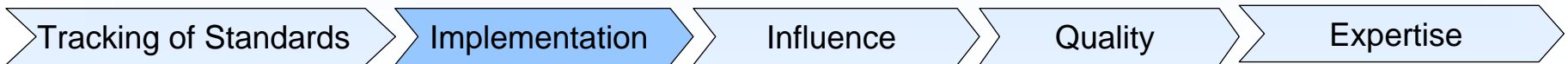
1 Tracking of Standards

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



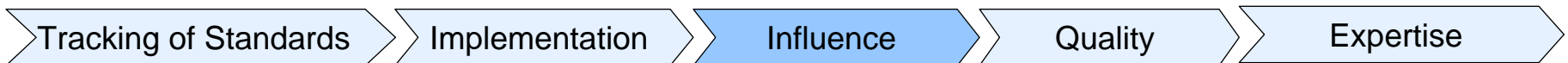
2 Practice-oriented Implementation

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



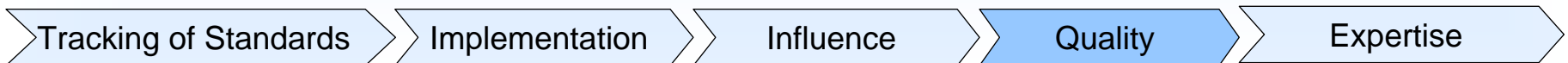
3 Influence on Standards

- 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



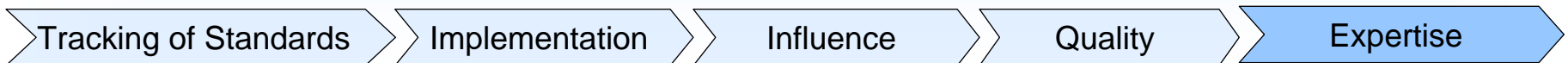
4 Quality Tests

- Quality Checks
 - Type approval tests of electro technical 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



5 Consolidation of Expertise

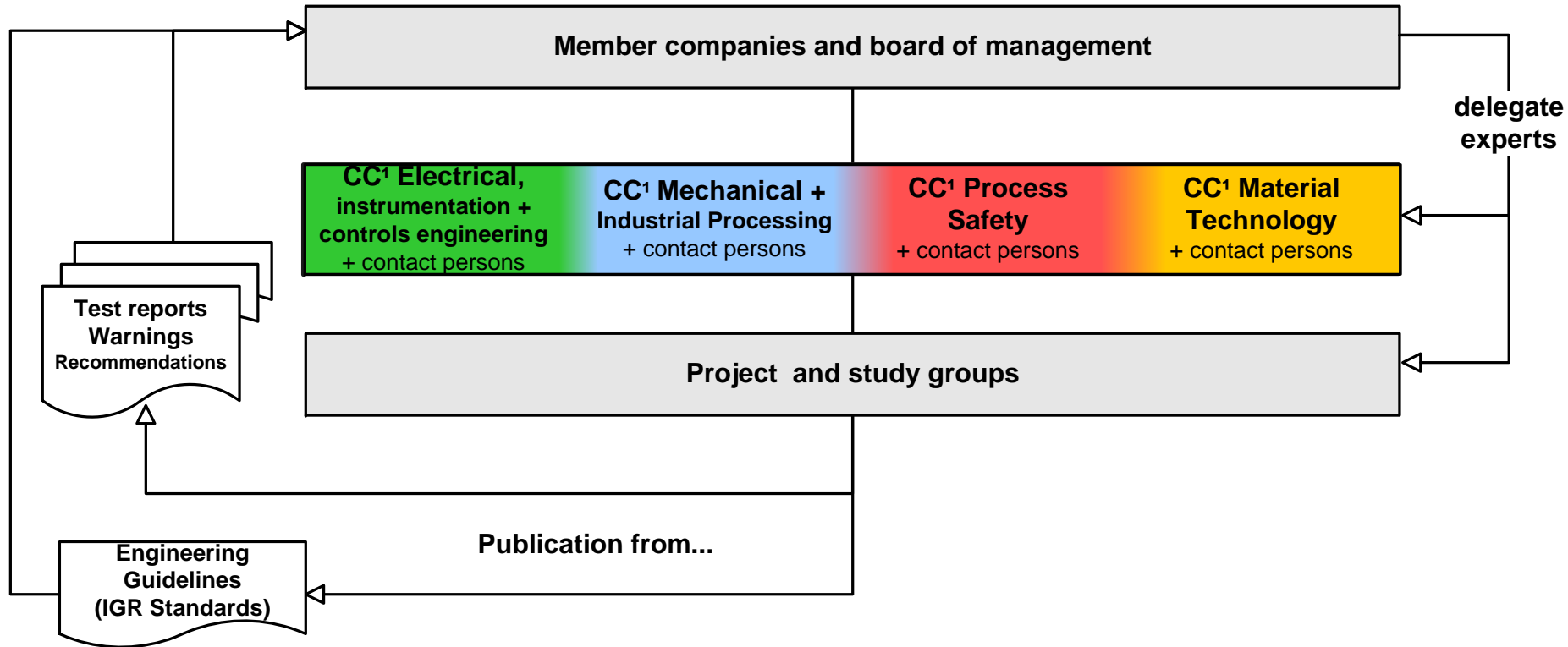
- Technical advice from experts
- Exchange of experiences
- Seminars
- Workshops on education and training



About IGR

- The IGR is an association of chemical and pharmaceutical companies.
- The following areas of expertise are currently covered:
 - Process safety and explosion protection
 - E&I (Electrical & Instrumentation), DCS, SIS
 - Mechanical & rotating equipment, piping
 - Glass lining and seal technology
 - Metallurgy: Corrosion protection, welding technology
 - Engineering Tools
 - Process safety

Organisation



¹ Competence centre

How to save money by joining IGR

Developing of a Guideline to generate Explosion Protection Documents in house

- Background: EU requires Explosion Protection Documents for each plant with explosion risks.
- IGR's experts developed a method that is well structured and easy to use. This allowed IGR-Members to generate the Explosion Protection Documents internally instead of using external consultants.
- The estimated benefit for IGR-Members :
 - one-time cost avoidance of 10.000 € per plant
 - permanent cost avoidance of 2.000 € per year and plant to maintain the documents

This is merely one of many examples – please contact us for more

One of our members has estimated his savings up to the amount of € 400 000 a year.

Subscriptions to the following services are exclusively available to our IGR members:

- PERINORM (bibliographical database)
- DIN and VDI standards, full text versions
- VDE regulations and drafts, full text versions
- Weka-Media Legal Statutes on Technology
- AD 2000 standards
- NAMUR recommendations and worksheets
- Order Manual on Pressure Vessels, German / English
- Integration of company internal works standards
- Document research and procurement



Chemie Service



IGR Membership Benefits

- Cost saving regarding the
 - fulfilment of operators' obligations
 - implementation of legal statutes, ordinances, regulations, standards, etc.
 - ascertainment/guarantee of state of the art
- Audit support through competent tracking of standards
- Ensured availability of broad scope of expert knowledge
- Realisation of operator interests with manufacturers and suppliers (market power)

Become a member – simply contact us:

To set up a presentation at your company
please contact:

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