

WORK OF OTHER ISO AND IEC TECHNICAL COMMITTEES and adoption of International Standards

“GLOBAL STANDARDS FOR THE OIL AND GAS INDUSTRY”

CONTENTS

- ▶ ISO/IEC System
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ISO/IEC SYSTEM

- ▶ **Consensus-based**
- ▶ **Right to join any technical committee of commercial/technical interest**
- ▶ **Voting rights on all standards**
- ▶ **“one country, one vote”**
- ▶ **Market driven**
- ▶ **International technical expertise**
- ▶ **Voluntary, not mandated**
- ▶ **Meets requirements of WTO ‘Technical Barriers to Trade’**

ISO/IEC STANDARDS FOR OIL AND GAS INDUSTRY

Several technical committees cover “energy” (and related) sectors including:

- ▶ **ISO/TC 67 – Materials, equipment & offshore structures for the PPNGI, as presented earlier**
- ▶ *ISO/TC 193 – Natural gas*
- ▶ *ISO/TC 28 – Petroleum Products*
- ▶ **IEC/TC 18 - Electrical installations of ships and of mobile and fixed offshore units**

ISO/TC 193 NATURAL GAS

created in 1988

Scope: standardization of terminology, quality specifications, methods of measurement, sampling, analysis and test for natural gas and natural gas substitutes (gaseous fuel), in all its facets from production to delivery to all possible end users

Vision:

- Global standards used locally worldwide

Mission:

- to create value-added International standards for Natural Gas to support the liberalization of the gas markets, the energy efficiency, the environment protection and safety

Key Values:

- Harmonization of quality requirements: clear agreements about the measurements of volume and quality (e.g. calorific value) of the gas; accuracy of measurements
- The development and maintenance of the standards for allocation of the presence of solids and liquids in the gas (for the upstream industry)
- ISO/TC 193 standards - supporting tools for delivery contracts of natural gas.
- ISO/TC 193 standards - supporting tools for regulations in the field of natural gas.

Members of ISO/TC193 Natural Gas

24 Participating (P) Members:

Austria (ON), Belgium (NBN), China (SAC), Czech Republic (CNI), Egypt (EOS), France (AFNOR), Germany (DIN), Hungary (MSZT), India (BIS), Italy (UNI), Kazakhstan (KAZMEMST), Kenya (KEBS), Korea (KATS), Norway (SN), Qatar (QS), Poland (PKN), Russian Federation (Rostechregulirovanie), Spain (AENOR), **Thailand (TISI)**, Trinidad and Tobago (TTBS), USA (ANSI), Ukraine (DSSU), United Kingdom (BSI)

29 Observer (O) Members:

Argentina (IRAM), Bosnia and Herzegovina (BAS), Brazil (ABNT), Canada (SCC), Chile (INN), **Croatia (HZN)**, Cuba (NC), Côte-d'Ivoire (CODINORM), Denmark (DS), Finland (SFS), **Hong Kong**, China (ITCHKSAR), Iraq (COSQC), Ireland (NSAI), **Japan (JISC)**, Lithuania (LST), Malaysia (DSM), Moldova, Republic of (MOLDST), Mongolia (MASM), New Zealand (SNZ), **Oman (DGSM)**, Portugal (IPQ), Serbia (ISS), Singapore (SPRING SG), Slovakia (SUTN), Sweden (SIS), Switzerland (SNV), Tunisia (INNORPI), Turkey (TSE)

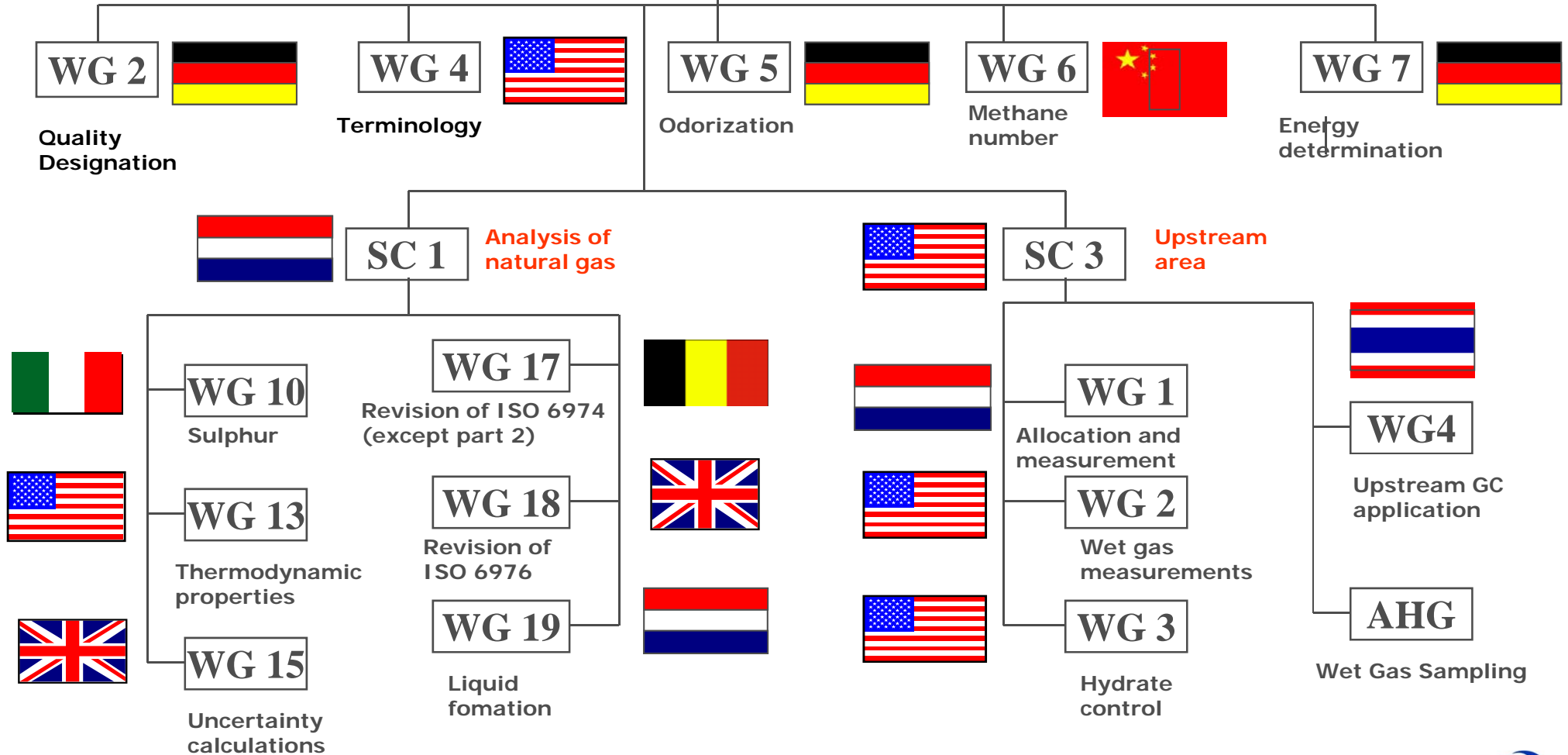
ISO/TC193 Natural Gas



ISO/TC193

Chairman: Mr. Lex Scheers

Secretariat: Mr. Pim Bijl (NEN)



ISO/TC 193 Standards **Work in Progress**

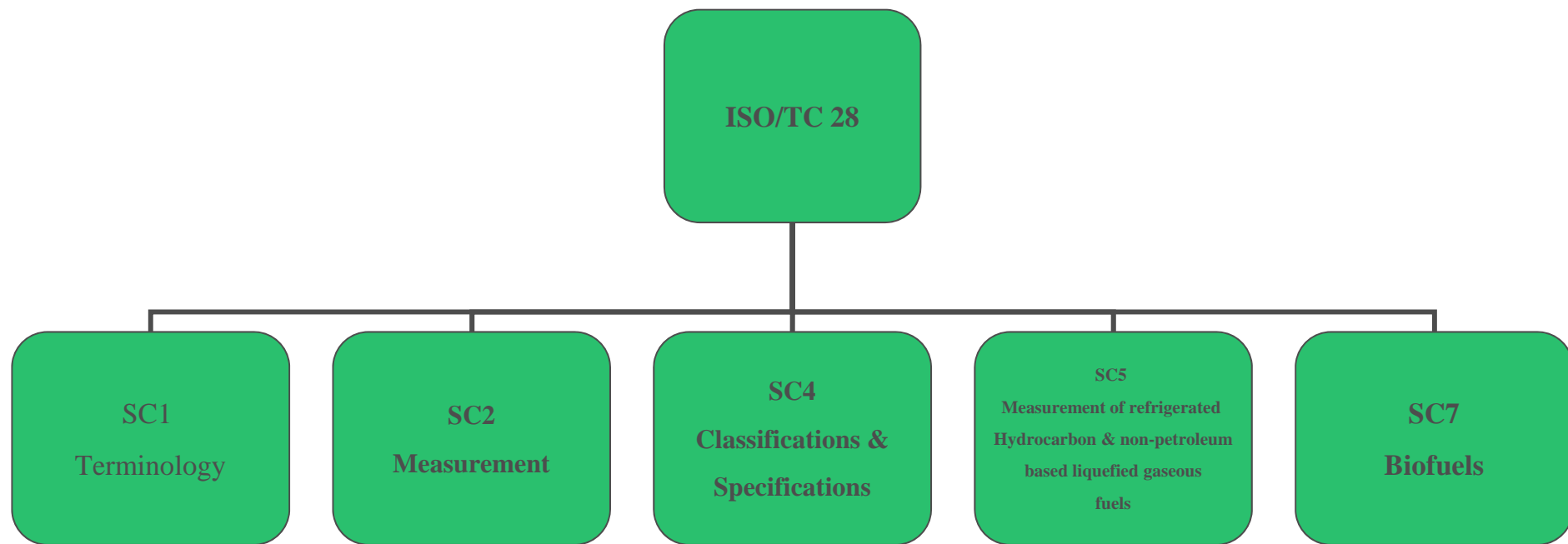
- **Total** number of published ISO/TC193 standards : **37**
- Number of published ISO standards under the direct responsibility of the ISO/TC193 Secretariat: **7**
- Number of published ISO standards under the responsibility of SC1 Analysis of natural gas: **30**
- Number of published ISO standards under the responsibility of SC3 Upstream area: **1** Allocation of gas and condensate
- **Total** number of work-in-progress items (incl. “in-revision”): **27**
- Number of work-in-progress items (incl. “in-revision”) under the direct responsibility of ISO/TC 193: **8**
- Number of work-in-progress items (incl. “in-revision”) under the responsibility of SC1: **14**
- Number of work-in-progress items under the responsibility of SC3: **4** including wet gas measurements

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- ▶ ISO/TC 67 – Materials, equipment & offshore structures for the PPNGI
- ▶ *ISO/TC 193 – Natural gas*
- ▶ ***ISO/TC 28 – Petroleum Products***
- ▶ IEC/TC 18 - Electrical installations of ships and of mobile and fixed offshore units

ISO/TC 28 : PETROLEUM PRODUCTS



ISO/TC 28

SCOPE :

Terminology, classification, specifications, methods of sampling, measurement, analysis and testing for :

- ▶ Petroleum
- ▶ Petroleum products
- ▶ Petroleum based lubricants and hydraulic fluids
- ▶ Non-petroleum based liquid fuels
- ▶ Non-petroleum based lubricants and hydraulic fluids.

ISO/TC 28

METRICS :

- ▶ **P- Members : 30 countries**
- ▶ **O- Members : 56 countries**
- ▶ **Number of ISO standards published : 232**
(out of which 118 are under direct responsibility of TC)
- ▶ **6 active Working Groups reporting directly to TC**

IEC/TC 18

- ▶ This Technical Committee deals with :

“Electrical Installations of ships and of mobile and fixed offshore units”

IEC/TC 18 has 19 Participating members, and 9 Observing members.

- ▶ More specific to our industry is one standard **IEC 61892 : “Electrical installations – Mobile and fixed offshore units”**.

- ▶ This standard is in 7 parts such as :

- System design
- Equipment
- Cables

IEC/TC 18 MT 18

- ▶ A Maintenance Team, MT 18 is in charge of revising whenever needed the seven parts of IEC 61892.
- ▶ Presently, MT 18 is working on part -1 and on part -5.
- ▶ Other parts will be addressed later on.

Adoption of International Standards

- ▶ **Standards developed within ISO/TC 67 are further adopted by various organisations :**
 - **API**
 - **Regional standardisation bodies**
 - **National bodies**

CONCLUSION

**In various Technical Committees,
the global standards needed by our
Industry are prepared by our Industry
and published for all to use.**

www.tc67.net

www.iso.org

THANK YOU FOR YOUR ATTENTION

