



INTERNATIONAL STANDARDIZATION WORKSHOP FOR THE GLOBAL OIL AND GAS INDUSTRY – FOCUSING ON MEXICO

**Examples of regional adoption of ISO
standards (CEN) & comments on COPANT**

ALAIN LOPPINET

BNPé , PARIS

Chairman of CEN/TC12



Examples of regional adoption of ISO standards (CEN & COPANT)

Summary

- 1) CEN (slides 3 to 11)
- 2) CEN TC12 (slides 12 to 16)
- 3) GLOBAL STANDARDS ISO CEN API (slides 17 & 18)
- 4) COPANT (slides 19 to 23)



1) CEN

Comité **E**uropéen de **N**ormalisation

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European Committee for Standardization

Based in BRUSSELS (BELGIUM)

www.cenorm.be



29 MEMBERS OF CEN (1)

(and of CEN TC12)

COUNTRY	Weighted vote	COUNTRY	Weighted vote
AUSTRIA	10	FRANCE	29
BELGIUM	12	GERMANY	29
CYPRUS	4	GREECE	12
CZECH REP.	12	HUNGARY	12
DENMARK	7	ICELAND	3
ESTONIA	4	IRELAND	7
FINLAND	7	ITALY	29



29 MEMBERS OF CEN (2)

(and of CEN TC12)

COUNTRY	Weighted vote	COUNTRY	Weighted vote
LATVIA	4	ROMANIA	14
LITHUANIA	7	SLOVAKIA	7
LUXEMBURG	4	SLOVENIA	4
MALTA	3	SPAIN	27
NETHERLANDS	13	SWEDEN	10
NORWAY	7	SWITZERLAND	10
POLAND	27	UNITED KINGDOM	29
PORTUGAL	12	SUM OF VOTES	355



CEN SUPPORT TO EU & EFTA

Provide guidance documents in the frame of the
« **PUBLIC PROCUREMENT DIRECTIVES** »
*(in oil & gas exploration and production we have
to use European standards when they exist).*

- Provide also harmonized documents which give presumption of conformity to the Essential Safety Requirements **(ESR)** of the « **NEW APPROACH DIRECTIVES** »



CEN PRODUCTS

- **TR** : Technical Report
- **CWA** : CEN Workshop Agreement
- **TS** : Technical Specification
- **EN** : European Standard (Norm)
- **HD** : Harmonised Document



Development of European Standards through 3 main routes

- **Work allocated to Technical Committees (or Associated Standardisation Bodies ASBs)**
- **Questionnaire procedure on reference documents (usually ISO or NSB) = Preliminary Questionnaire**
- **Work processed under Vienna Agreement with ISO. (Parallel vote, Unique Acceptance Procedure or Preliminary Questionnaire)**



IMPORTANT FACT FOR EUROPEAN STANDARDISATION

**PRIORITY IS GIVEN TO
COOPERATE WITH**

ISO

**PROVIDED ISO STANDARDS MEET
EUROPEAN LEGISLATION AND
MARKET REQUIREMENTS.**



VIENNA AGREEMENT

- **Agreement** on exchange of technical informations between **CEN** and **ISO** in force since **june 1991** (with some additinal revisions since that date)
 - 1) **Mutual increased representation at meetings.**
 - 2) **Transfer of work from CEN to ISO (or vice-versa).**
 - 3) **Adoption of existing ISO standards as European ones without change (UAP) or with possible changes (PQ).**
 - 4) **Parallel approval of documents within both organisations (Enquiry/DIS ; Final Vote/FDIS)**



IMPORTANT NOTES ON CEN

- **Each time an EN standard is voted, each of the 28 nations members of CEN has to adopt it in its national collection and to cancel any existing national standard on the same subject. They may be published in the national language or in one of the three official languages of CEN (English, French or German)**
- **In Europe, Standards are not usually **mandatory** unless a regulatory body (European Commission or national regulatory body) gives an obligation to use such standard**



2) CEN TC12

- **TITLE:** Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
- **SCOPE:** Standardization of the materials, equipment and offshore structures used in drilling, production, transport by pipelines and processing of liquid and gaseous hydrocarbons within the petroleum, petrochemical and natural gas industries, *excluding on-land supply systems used by the gas supply industry* and those aspects of offshore structures covered by IMO requirements (ISO TC8).
- The standardization is to be achieved wherever possible by the adoption of ISO standards.



CEN TC12 VISION

- CEN TC12 is in line with the TC67 & OGP vision:

**GLOBAL STANDARDS USED LOCALLY
WORLDWIDE**

and with the goal:

**DO IT ONCE. DO IT RIGHT. DO IT
INTERNATIONALLY**

- Therefore our standards are developed within **ISO TC67 and Sub-Committees** and adopted back in **CEN TC12**.



CEN TC12 WAY OF WORK (1)

ISO TC67	CEN TC12
NWI circulated in ISO	NWI circulated in CEN (at the same time)
AWI in ISO	NWI if 1st step not followed
	<u>CONDITIONS OF ACCEPTANCE</u>
	<ol style="list-style-type: none">1. Qualified majority with weighted votes (according to CEN rules).2. 5 European countries nominate experts to participate to work in ISO.3. 1 European Project Leader nominated
« AWI xx xxx »	« WI 012 yyy »



CEN TC12 WAY OF WORK (2)

ISO TC67	CEN TC12
Launching of the Draft International Standard DIS XX XXX	Launching in parallel of the Preliminary Enquiry prEN ISO xx xxx
All comments from ISO and CEN taken care of in ISO WG	Participation of European experts in ISO WG.
Launching of Final Draft International Standard FDIS XX XXX	Launching in parallel of the Final Vote prEN ISO xx xxx
<i>In ISO 1 country = 1 vote</i>	<i>In CEN 1 country = 1 weighted vote</i>



CEN TC12 WAY OF WORK (3)

If the ISO vote and the CEN qualified one is positive, we will have the same standards in both organisation (for example):

ISO xx xxx:200y

EN ISO xx xxx:200y

and

then by obligation in each European Country, member of the European Union only, you will have a national adoption within 6 months.

NF EN ISO xx xxx:200y

BS EN ISO xx xxx:200y



GLOBAL STANDARDS in ISO, CEN and API

(extract of a list of global standards from CEN and OGP)

www.ogp.org

ISO	EN	API	TITLE
ISO 3977-5 : 2001	EN ISO 3977-5 : 2003		Gas turbines - Procurement - Part 5 : Applications for Petroleum and natural gas industries
ISO 10414-1 : 2001		API RP 13 B-1; 3 rd edition	P&NGI- Field testing of drilling fluids Part 1 : Water-based fluids
ISO 10416 : 2002		API RP 13I ;7th edition	P&NGI- Drilling fluids – Laboratory testing
ISO 10417 : 2004	EN ISO 10417 : 2004		P&NGI - Subsurface safety valve systems - Design, installation, operation and redress
ISO 10418 : 2003	EN ISO 10418 : 2003		P&NGI - Offshore production installations – Analysis design, installation and testing of basic surface process safety systems
ISO 10426-3 :2003	EN ISO 10426-3 :2003	API RP 10B-3	P&NGI – Cements and materials for well cementing – Part 3: Testing of deep water well cement formulation



GLOBAL STANDARDS in ISO, CEN and API

ON THE 30th of JUNE 2006

Amongst 123 ISO TC 67 DOCUMENTS

- 25 documents are only published in ISO.
- 53 documents are only published in ISO and CEN.
- 8 documents are only published in ISO and API.
- 34 documents are published in ISO, CEN and API.
- 3 documents are published in ISO, CEN and NACE



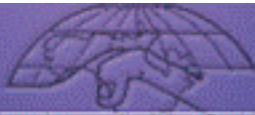
COPANT ACTIVE MEMBERS (1)

ARGENTINA	IRAM	GUYANA	GBNBS
BARBADOS	BNSI	HONDURAS	COHCIT
BOLIVIA	IBNORCA	JAMAICA	JBS
BRAZIL	ABNT	MEXICO	DGN
CANADA	SCC	NICARAGUA	MIFIC
CHILE	INN	PANAMA	COPANIT
COLOMBIA	ICONTEC	PARAGUAY	INTN
GUATEMALA	COGUANOR		



COPANT ACTIVE MEMBERS (2)

COSTA RICA	INTECO	SANTA LUCIA	SLBS
CUBA	NC	TRINIDAD & TOBAGO	TTBS
DOMINICA	DBOS		
ECUADOR	INEN	URUGUAY	UNIT
EL SALVADOR	CONACYT	USA	ANSI
GRENADA	GDBS	VENEZUELA	FONDO NORMA
PERU	INDECOPI		
GUATEMALA	COGUANOR		



SOME VIEWS FOR COPANT

An e-mail received from Mr. Carlos Amorim - Director for International Affairs in ABNT and President of Copant indicates:

“We believe COPANT’s role is not to make standard mainly when we have international standard, thus we are promoting changes in COPANT’s statement to define how we can help the efforts to develop international standard, having for example, a mirror committee, only to try to put together the American’s countries with interest in the theme, and look for a common sense. When we have an increasing international trade we must look for to promote and use international standard, in some case, more than national.”



SOME VIEWS FOR COPANT

Creation of a Technical Committee in COPANT (Panamerican Cooperation for Technical Standardization)

- **GUIDELINES FOR ACTION**
 - Mirror for ISO TC 67
 - Avoid duplication of efforts
 - Examination of ISO (IEC) petroleum and gas industry standards.
 - Proposal of new ISO (IEC) petroleum and natural gas industry standards
 - Avoid production of parallel regional petroleum and natural gas industry standards



WHERE ARE WE NOW?

- - **PROPOSAL MADE BY BRAZIL (ABNT) IN SEPTEMBER 2005**
- - **TO BE SET FOR VOTING ASAP**



ANY QUESTIONS?

With thanks for your attention

ALAIN LOPPINET