



**EASTERN EUROPEAN STANDARDS WORKSHOP
BUCHAREST 15th & 16th of FEBRUARY 2007**



**EUROPEAN COMMITTEE FOR
STANDARDIZATION**

ALAIN LOPPINET

BNPé , PARIS

Chairman of CEN/TC12



Summary

- 1) **EU & Standards (CEN) (slides 3 to 15)**
- 2) **CEN TC12 (slides 16 to 19)**
- 3) **Cooperation with ISO (slides 20 to 22)**
- 4) **GLOBAL STANDARDS ISO CEN API (slides 23 & 24)**
- 5) **EASTERN EUROPE opportunities (slides 25 & 26)**



1) EU & Standards (CEN)



CEN

Comité Européen de Normalisation

=

European Committee for Standardization

Based in BRUSSELS (BELGIUM)

www.cenorm.eu



**EUROPEAN UNION, EUROPEAN FREE TRADE
ASSOCIATION & STANDARDS**



- **CEN supports the policies of the European Union and EFTA, in particular for free trade, but also the safety of workers and consumers, interoperability of networks, environmental protection, exploitation of research and development programmes, and public procurement.**

On behalf of governments, the European Commission or EFTA Secretariat may request the European Standards organizations to develop standards in support of their policies by issuing formal 'mandates'.



NEW APPROACH



- ❖ Some European Standards are drawn up to support EU policy, adopted in 1985, which decided that:
European legislative harmonization is limited to the 'essential requirements', these being obligatory and formulated in general terms.
- ❖ Writing of the detailed technical specifications necessary for the implementation of directives is entrusted to the European, voluntary standards organizations like CEN;
 - 1) The standards are not mandatory, but products manufactured according to such 'harmonized' standards gives a 'presumption of conformity' to the essential legal requirements in the directives;
 - 2) Compliance results in the right of the product to bear the CE marking of conformity and market release throughout Europe.



WHAT IS DELIVERING CEN?



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



30 MEMBERS OF CEN (1)

(and of CEN TC12)



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



30 MEMBERS OF CEN (2)

(and of CEN TC12)



COUNTRY	Weighted vote	COUNTRY	Weighted vote
ITALY	29	PORTUGAL	12
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
TOTAL OF THE MEMBERS VOTES: 365			



4 AFFILIATES OF CEN

(and of CEN TC12)



THE 4 AFFILIATES

ALBANIA

CROATIA

The FORMER YUGOSLAV REPUBLIC OF MACEDONIA

TURKEY

These 4 countries are on their way to become CEN member



CEN PRODUCTS



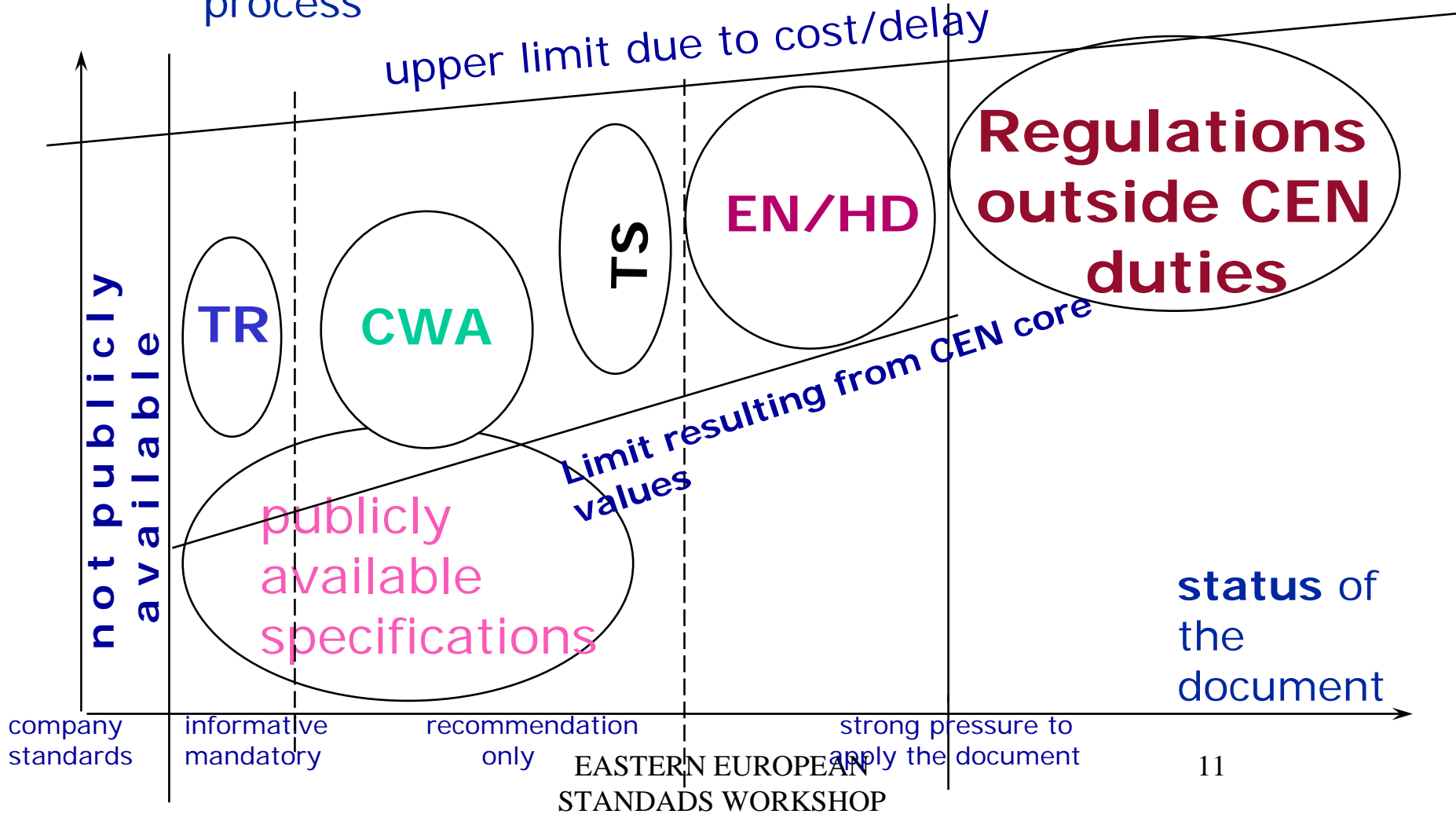
- **TR** : Technical Report
- **CWA** : CEN Workshop Agreement
- **TS** : Technical Specification
- **EN** : European Standard (Norm)
- **HD** : Harmonised Document



CEN products - status/openness



openness of the process





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 additional 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 FACTS ON CEN

(to have in mind)



- **Each time an EN standard is voted, each of the 30 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.



MEMBERS OF CEN 12



Liaisons in addition to the usual CEN National Standardisation Bodies:

- **OGP** (International Association of Oil and Gas Producers)
- **API** (American Petroleum Institute)
- **EUROGIF** (EUROpean Oil and Gas Innovation Forum)
- **ISO TC67**



CEN TC12



- SECRETARIAT: AFNOR

Responsible : Valérie MAUPIN

Direct phone : +33 (0)1 41 62 87 02

valerie.maupin@afnor.org

- CHAIRMAN:

Alain LOPPINET

Direct phone : +33 (0)6 20 99 25 11

aloppine@club-internet.fr



CEN TC12 VISION



- CEN TC12 is in line with the ISO 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**.



3) COOPERATION WITH ISO (1)

through VIENNA AGREEMENT



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
	<p><u>CONDITIONS OF ACCEPTANCE</u></p> <hr/> <ol style="list-style-type: none"> 1. Qualified majority with weighted votes (according to CEN rules). 2. 5 (3) European countries nominate experts to participate to work in ISO. 3. 1 European Project Leader nominated
« AWI xx xxx »	« WI 012 yyy »



COOPERATION WITH ISO (2)

through VIENNA AGREEMENT



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>



COOPERATION WITH ISO (3)

through VIENNA AGREEMENT



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



4) GLOBAL STANDARDS in ISO, CEN and API

(extract of a list of global standards from CEN (CEN TC12 N605 and OGP www.ogp.org)



ISO	EN	API	TITLE
ISO 13628-1 : 2005	EN ISO 13628-1 : 2005	API RP 17A 4th edition	P&NGI - Design and operation of subsea production systems - Part 1 : General requirements and recommendations
ISO 10414-1 : 2006		API RP 13 B-1; 3 rd edition (ISO modified)	P&NGI- Field testing of drilling fluids Part 1 : Water-based fluids
ISO 10416 : 2002		API RP 13I ;7th edition (ISO modified)	P&NGI- Drilling fluids – Laboratory testing
ISO 10417 : 2004	EN ISO 10417 : 2004	API RP 14B 5th edition	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 :2004	API RP 10B-3 1st edition	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 31th of DECEMBER 2006

Amongst 130 ISO TC 67 DOCUMENTS
CEN TC12 has 102 EN ISO or EN (ISO modified)
STANDARDS

- 20 documents are only published in ISO.
- 57 documents are only published in ISO and CEN.
- 8 documents are only published in ISO and API.
- 42 documents are published in ISO, CEN and API.
- 3 documents are published in ISO, CEN and NACE



5) EASTERN EUROPE OPPORTUNITIES



- 1) By your membership of CEN you already have the possibility to vote in all the **Preliminary Enquiries** and **Formal Votes** on the international projects concerning our Petroleum, Petrochemical and Natural Gas Industries.
- 2) At the Enquiry stage, you have the possibility to make technical comments which will be taken care of before the FV stage.



EASTERN EUROPE OPPORTUNITIES



3) **CEN TC12** offers you another possibility, as you have seen in the presentation, which is to send experts in the ISO work and task groups working on the New Work Item. Then you may be active in the preparation of the international standards, promote and fight for your technical views and interests in them.

**SEIZE THIS UNIQUE OPPORTUNITY TO BE
AN ACTOR IN THE REALISATION OF
OUR GLOBAL STANDARDS**



ANY QUESTIONS?

With thanks for your attention

ALAIN LOPPINET