





## Rol van ISSeP als sectoraal operator

B. Bergmans




LABSdag Lucht, Antwerpen, 06/12/13, Belgium





## ISSEP : CORE BUSINESS

ISSeP : Main activity

ISSeP core business

- What is a standard
- Developing standard
- Role of ISSeP / NBN
- Passive expert
- Active expert
- Help in normalization
- Actual situation
- Conclusion

	<p><b>ENVIRONMENTAL MONITORING</b></p> <p>Air Water soil</p>
<p><b>RISK EVALUATION</b></p>	<p><b>RESEARCH &amp; TECHNOLOGY</b></p>



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# ISSEP : CORE BUSINESS

## ISSEP : Main activity



ISSEP core business

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ENVIRONMENTAL MONITORING

Air  
Water  
soil

RISK EVALUATION

RESEARCH & TECHNOLOGY

ENVIRONMENTAL MONITORING

Air  
Water  
soil








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# ISSEP : CORE BUSINESS

## ISSEP : Main activity



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ENVIRONMENTAL MONITORING

Air  
Water  
soil

RISK EVALUATION

RESEARCH & TECHNOLOGY

RISK EVALUATION







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## ISSEP : CORE BUSINESS

ISSEP : Air quality department



ISSEP core business

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ENVIRONMENTAL  
MONITORING


Air

- AIR MONITORING
  - Ambient air network
  - Mobile laboratories
  - Emission monitoring
- REFERENCE LABORATORY
  - Audit RW
  - **Sector operator (NBN)**
- TECHNICAL ADVISE
- RESEARCH FACILITIES
  - Pilot installation
  - Research program

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## WHAT IS A STANDARD

Definition of a Standard



ISSEP core business

What is a standard

Developing standard

Role of ISSEP / NBN


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**What is a standard?**

A standard is a technical document designed to be used as a rule, guideline or definition. It is a consensus-built, repeatable way of doing something.



→ A standard is not always the best solution !

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# WHAT IS A STANDARD

## Definition of a Standard



ISSeP core business  
What is a standard  
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### What is a standard?

A standard is a technical document designed to be used as a rule, guideline or definition. It is a consensus-built, repeatable way of doing something.



→ Harmonized way of doing  
→ Same rule in 33 countries

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# WHAT IS A STANDARD

## Definition of a Standard



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### What is a standard?

A standard is a technical document designed to be used as a rule, guideline or definition. It is a consensus-built, repeatable way of doing something.



→ Lobbying is part of the game



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ISSeP core business

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## WHAT IS A STANDARD


Definition of a Standard

### Standards are not Legislation!!!

<u><b>Standards :</b></u>	<u><b>Legislation :</b></u>
1. <i>Voluntary</i>	1. <i>Mandatory</i>
2. <i>Consensual</i>	2. <i>Imposed by Law</i>
3. <i>Developed by independent organisations</i>	3. <i>Established by public authorities</i>
4. <i>Revised every 5 years</i>	4. <i>Revised when legislators decide</i>
5. <i>Provide specifications and test methods (interoperability, safety, quality, etc.)</i>	5. <i>Gives requirements to protect public interests</i>

### EU legislation makes reference to Standards

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REGION WALLONNE

ISSeP core business

What is a standard

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## WHAT IS A STANDARD

General procedure for developing a standard



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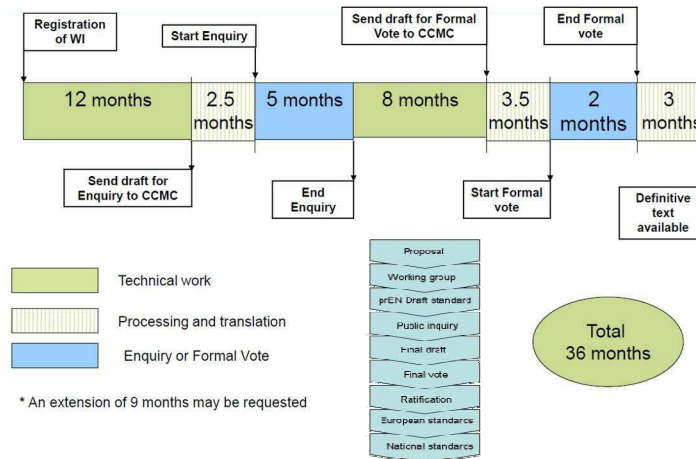
REGION WALLONNE

# WHAT IS A STANDARD

## General procedure for developing a standard



ISSeP core business  
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# ROLE OF ISSEP AS SE

## Role of NBN AND ISSEP



ISSeP core business  
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### National Standardization Bodies (NSB)

All European countries have a National Standardization Body  
For Belgium = NBN – assisted by ISSeP as Sector operator

- Promotes the Normalization
- Enables measure of consultation and support at national level
- Ensures consensus at national level
- Appointing experts to Technical Committee and working group
- Obligation of commenting and Voting
- Sales publishing standard
- withdraws any conflicting national standards



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## ROLE OF ISSEP AS SE

### PASSIF MEMBER : Description



#### PASSIF MEMBER OF A COMMISSION

##### Access :

- No special condition required – just prove interest

##### Prerogative and obligation

- Access to all N-doc of the commission.
- Can submit informative comments
- Can submit informative votes
- No obligation except not circulating documents

##### Financial cost :

- 100 €/year per TC and SC

ISSEP core business

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## ROLE OF ISSEP AS SE

### PASSIF MEMBER : N-doc consultation



De : Benjamin Bergmans <blvelinkntc@iso.org>  
 A : erik\_vangronsveld@huntsman.com; viendy.swaans@vito.be; olivier.noset@certech.be; marc.lor@bbri.be; dominique.nicaise@bbri.be; ddestry@vincotte.be; BERGMANS B  
 Cc :  
 Objet : 140216 - ISO/TC146/SC6 NWIP ISO 12219-8

Dear members,  
 Please note that the following new documents have been posted on the NBN eCommittees platform:

Originating TC	Int. Number Nat. Number	Name, Title	Int. Action Nat. Action	Int. Due Date Nat. Due Date	Document type
ISO/TC 146/SC 6	598	<a href="#">ISO-TC146-SC6_N0598_NWIP_ISO_12219-8_Handling_of_materials_1</a> NWIP ISO 12219-8 Handling of materials for emissions testing	VOTE	2014-02-26	Ballot
I14606 "Air quality - Indoor air"		<a href="#">ISO TC 146 SC 6 N598 reply form.doc</a>	VOTE	2014-02-16	Ballot

Download all documents as ZIP: [Click here](#)  
 View International documents list: [Click here](#)  
 Go to committee homepage: [Click here](#)

With kind regards,  
 Benjamin  
 Secretary of I14606 "Air quality - Indoor air"

Institut Scientifique de Service Public (ISSEP)  
 Opérateur sectoriel (ISO/TC146 – CEN/TC264)  
 Sector operator (ISO/TC146 – CEN/TC264)

200, rue du Chêra  
 4000 Liège  
 Belgium

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## ROLE OF ISSEP AS SE

PASSIF MEMBER : N-doc consultation



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Livelink®

Username: b.bergmans@issep.be

Password: .....

Member Body: NBN

Log-in

[I don't know my username...](#)

[I have lost my password...](#) [Contact helodesk](#)

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## ROLE OF ISSEP AS SE

PASSIF MEMBER : N-doc consultation



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E264 "Air quality"

Search (value for )

Enterprise

Advanced Search

Go

Personal

Workspaces

Tools

My Workspace

Workspaces

Log-out

My Favorites

Users & Groups

Settings

Navigation Menu

Committee home

My Committees

National documents

International documents

Member List

Email to Secretary

Email to Members

Mail Archive

User Guides

Sub-committees

Committee News

Edit Banner

Committee workspace

E264 "Air quality"

International

National

Originating TC

Int. Number

Int. Action

Int. Due Date

Document type

from

to

from

to

exclude manually notified documents

Search

Reset

Copy

Move

Delete

Go to Download

Go to E-mail

Notify

Documents per page 50 display

Type	Originating TC	Int. Number	Name, Title	Int. Action	Int. Due Date	Document type	Document status	File	Size	Date
	CB/TC 264	2132	TC264-12132_2ndary_session_with_COPIC_-_CBN_Conference... <small>(Primary session with COPIC - CBN Conference dated)</small>	VOTE	2013-12-19	Ballot	CB ballot		30 KB	2013
	CB/TC 264	2131	TC264-12131_Letter_approval_normative_reference_XG0100... <small>Letter approval normative reference XG0100 Pp010112141</small>	INFO	None	Other committee document	Other committee document		30 KB	2013
	CB/TC 264	2130	TC264-12130_Letter_Chairmanship	INFO	None	Other committee document	Other committee document		31 KB	2013
	CB/TC 264	2129	TC264-12129_Letter_Review_B1_15841_request_for_comments	COM	2014-02-21	Other committee document	Other committee document		30 KB	2013
	CB/TC 264	2128	TC264-12128_Result_of_Voting_Activation_pR04_V06_27 <small>Result of Voting Activation pR04_V06_27</small>	INFO	2014-02-11	Other committee document	Other committee document		23 KB	2013
	CB/TC 264	2124	TC264-12124_Result_of_Voting_Review_T5_16115-1 <small>Result of Voting Review T5_16115-1</small>	INFO	None	Other committee document	Other committee document		28 KB	2013

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ISSeP core business

What is a standard

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## ROLE OF ISSEP AS SE

### ACTIF MEMBER : Description



**ACTIF MEMBER OF A COMMISSION**

**Access :**


- Being a passive member of the commission
- Prove technical skills, interest and define links with commercial companies

**Prerogatives and obligations**

- Access to all intern document of the WG
- Possibility to represent Belgium at TC level
- Possibility to chair a WG
- Obligation to take active part to the work of the WG
- Obligation of votes / comments on all N-Doc related to the WG
- Obligation to take part to WG meeting regularly

**-Financial cost :**

- 50 €/year per WG.
- Free for academic and Government agency



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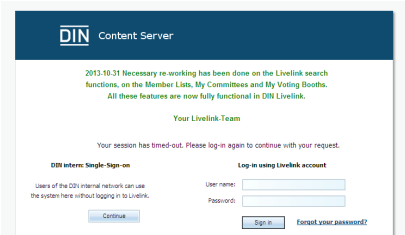
Actual situation


Conclusion

## ROLE OF ISSEP AS SE

### ACTIF MEMBER : WG document consultation








**DIN - Elektronische Komitees**

Meine Gremien (Schnellzugriff)

Meine Abstimmungen (Voting Booths)

Allgemeine Informationen für Experten




**CEN - Electronic Committees**  
(on DIN Livelink)


My Committees (Shortcut)

My Voting Booths

General Information for Experts



**ISO - Electronic Committees**  
(on DIN Livelink)



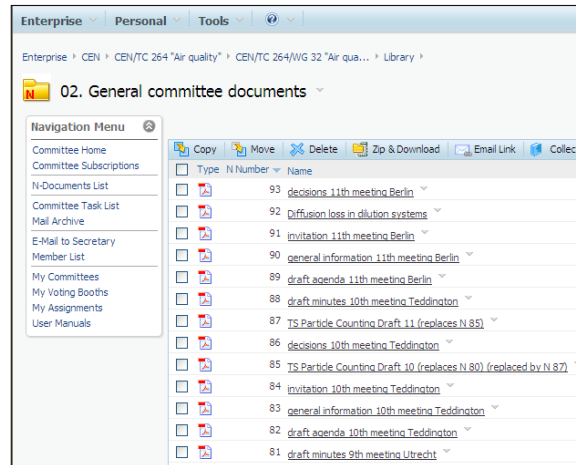
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## ROLE OF ISSEP AS SE

ACTIF MEMBER : WG document consultation



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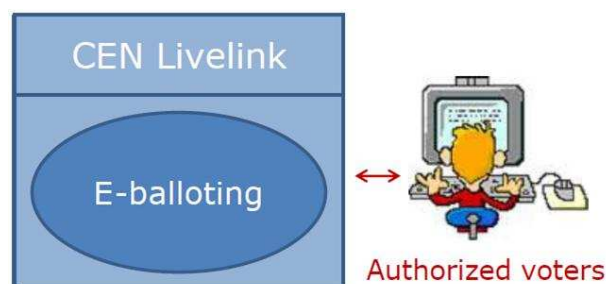
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## ROLE OF ISSEP AS SE

Way of voting



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# ROLE OF ISSEP AS SE

## Way of voting



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Template for comments and secretariat observations

					Date:	Document:	Project:
					CWA XBRL all (general comments)		
					CEN/WS XBRL		
MB/NC <sup>1</sup>	Line number (e.g. 3.1)	Clause/ Sub-clause (e.g. 3.1)	Paragraph / Figure/ Table (e.g. Table 1)	Type of comment <sup>2</sup>	Comments		Proposed change
AMANA				Ge	Thank you very much for the work on the CEN/WS documents. From my point of view it is required to give the generic XBRL specification more specific meaning, and will (hopefully) enable a single technical implementation of all European reporting frameworks.		
BMA				Ge	We would like to take this opportunity to confirm the value we see in the CEN project. The business-case driving this initiative is clear and the working community, in our view, is to be commended for moving this project forward with the objective of improving best practices and interoperability for reporting domains, such as Banking and Insurance Supervision in Europe. Regarding the specific content of the deliverables of the 3 sub-tracks, at this time we have no comments to make.		
CDP				Ge	From Carbon Disclosure Project (CDP), we would like to highlight the importance of the CEN project. It is clear initiative to enhance the potential of XBRL in terms of interoperability between different domains and make it suitable for the general community, including the sustainability reporting.		
EBA				Ge	The European Banking Authority is very supportive of, and thankful for, the work that has been done, both in documenting, generalising and harmonising existing work in the area to facilitate wider consumption or future use (e.g. DPM, Taxonomy architecture), and in preparing additional foundational work of great value to on-going projects (such as filing rule and roll out package reference material). N.B. Throughout several pdf documents there are many unfortunate broken reference links (from word doc), particularly in tables of contents.		
XBRL ES				Ge	We would like to take this opportunity to confirm the value we see in the CEN project. The business-case driving this initiative is clear and the working community, in our view, is to be commended for moving this project forward with the objective of improving best practices and interoperability for reporting domains, such as Banking and Insurance Supervision in Europe. Regarding the specific content of the deliverables of the 3 sub-tracks, at this time we have no comments to make.		
FINANS TILSYN ET				Ge	We would like to take this opportunity to confirm the value we see in the CEN project. The business-case driving this initiative is clear and the working community, in our view, is to be commended for moving this project forward with the objective of improving best practices and interoperability for reporting domains, such as Banking and Insurance Supervision in Europe. Regarding the specific content of the deliverables of the 3 sub-tracks, at this time we have no comments to make.		

<sup>1</sup> MB = Member body / NC = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/TC editing unit are identified by \*\*)

<sup>2</sup> Type of comment: ge = general te = technical ed = editorial

/ISO/TC/CEN/CEN/LEC electronic ballot commenting template/version 2012-03

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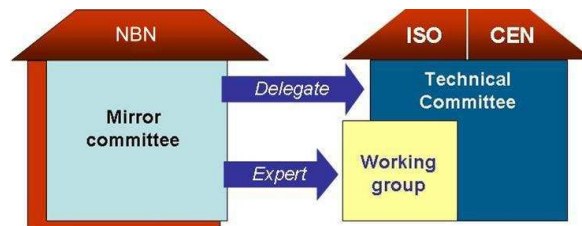
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# ROLE OF ISSEP AS SE

## National mirror committee



ISSEP core business  
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- Maximum 3 Belgian expert per WG
- Meeting organize if difference of view
- Designation of heat of delegation

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## ROLE OF ISSEP AS SE

Other tools available to help in the normalization process



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OTHER TOOLS AVAILABLE :  
-Room available for meeting  
-Organization of web conference  
-...



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## BELGIAN EXPERT FOR AIR

Actual CEN normalization



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SC/WG	Title
CEN/TC 264/WG 1	Dioxins - emissions
CEN/TC 264/WG 2	Air quality - Determination of odour concentration by dynamic olfactometry
CEN/TC 264/WG 3	HCl Emission - manual method
CEN/TC 264/WG 4	Total gaseous organic carbon (emissions)
CEN/TC 264/WG 5	Total dust at low concentrations (emissions)
CEN/TC 264/WG 8	Measurement of total mercury emissions
CEN/TC 264/WG 9	Quality assurance of automated measuring systems
CEN/TC 264/WG 11	Ambient air quality - Diffusive samplers for the determination of gases and vapours -
CEN/TC 264/WG 12	Reference method for determination of SO <sub>2</sub> /NO <sub>2</sub> /O <sub>3</sub> /CO in ambient air
CEN/TC 264/WG 15	Particulate Matter (PM <sub>10</sub> /PM <sub>2.5</sub> )
CEN/TC 264/WG 16	Reference measurement methods for NO <sub>x</sub> , SO <sub>2</sub> , O <sub>2</sub> , CO and water vapour emissions
CEN/TC 264/WG 18	Open path optical methods for the measurement of ambient air quality
CEN/TC 264/WG 21	Measurement method for B(a)P in Ambient Air
CEN/TC 264/WG 26	Emissions into indoor air
CEN/TC 264/WG 27	Air quality - Determination of odour exposure in ambient air by using field inspection
CEN/TC 264/WG 28	Measurement of bioaerosols in ambient air and emissions
CEN/TC 264/WG 29	Ambient air - Monitoring of genetically modified organisms (GMO)
CEN/TC 264/WG 30	Biomonitoring methods with flowering plants
CEN/TC 264/WG 31	Biomonitoring methods with mosses and lichens
CEN/TC 264/WG 32	Air quality - Determination of the particle number concentration
CEN/TC 264/WG 33	Greenhouse gas (GHG) emissions in energy-intensive industries
CEN/TC 264/WG 34	Standard method for measurement of NO <sub>3</sub> , SO <sub>4</sub> <sup>2-</sup> , Cl <sup>-</sup> , NH <sub>4</sub> <sup>+</sup> , Na <sup>+</sup> , K <sup>+</sup> , Mg <sup>2+</sup> and Ca <sup>2+</sup>
CEN/TC 264/WG 35	EC/OC in PM
CEN/TC 264/WG 36	Measurement of stack gas emissions using FTIR instruments
CEN/TC 264/WG 37	Predictive Emission Monitoring systems
CEN/TC 264/WG 38	Determination of fugitive VOC emissions
CEN/TC 264/WG 39	Sampling and analysis of airborne pollen grains and fungal spores

Belgian experts in 24 WG on 27, but half of them with only one expert !

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## BELGIAN EXPERT FOR AIR

Actual ISO normalization



SC/WG	Title
ISO/TC 146/SC 1/WG 25	Greenhouse gases - Automated Measuring Systems (GHG-AMS)
ISO/TC 146/SC 1/WG 26	Biomass and fossil derived CO <sub>2</sub>
ISO/TC 146/SC 1/WG 27	Selenium
ISO/TC 146/SC 1/WG 28	Ammonia
ISO/TC 146/SC 2/WG 1	Particle size-selective sampling and analysis
ISO/TC 146/SC 2/WG 2	Inorganic particulate matter
ISO/TC 146/SC 2/WG 3	Gases
ISO/TC 146/SC 2/WG 4	Organic vapours
ISO/TC 146/SC 2/WG 5	Inorganic fibres
ISO/TC 146/SC 2/WG 7	Silica
ISO/TC 146/SC 2/WG 8	Assessment of contamination of skin and surfaces from airborne chemicals
ISO/TC 146/SC 2/WG 9	Sampling pump performance
ISO/TC 146/SC 2/WG 10	Terminology and Quality Control in Workplace Air
ISO/TC 146/SC 3/WG 1	Determination of asbestos fibre content
ISO/TC 146/SC 3/WG 8	Determination of ozone - UV method
ISO/TC 146/SC 4/WG 2	Uncertainty of air quality measurements
ISO/TC 146/SC 5/WG 1	Wind vanes and rotating anemometers
ISO/TC 146/SC 5/WG 3	Test methods for comparing the performance of radiation shields and definitions of important
ISO/TC 146/SC 5/WG 4	Evaluation methods for atmospheric dispersion models
ISO/TC 146/SC 5/WG 5	Remote atmospheric boundary layer profiling - Test methods for ground based equipment
ISO/TC 146/SC 5/WG 6	Lidar
ISO/TC 146/SC 6/WG 4	Asbestos - Mineral fibres
ISO/TC 146/SC 6/WG 6	Ventilation rate measurement
ISO/TC 146/SC 6/WG 10	Fund
ISO/TC 146/SC 6/WG 13	Joint between ISO/TC 146/SC 6 and ISO/TC 22 WG: Determination of volatile organic
ISO/TC 146/SC 6/WG 16	Test methods for VOC detectors
ISO/TC 146/SC 6/WG 17	Sensory testing of indoor air
ISO/TC 146/SC 6/WG 18	Flame retardants
ISO/TC 146/SC 6/WG 19	Investigation of constructions
ISO/TC 146/SC 6/WG 20	Determination of aldehydes
ISO/TC 146/SC 6/WG 21	Strategies for the measurement of airborne particles
ISO/TC 146/SC 6/WG 22	Brominated flame retardants

Belgian experts in only 10 WG on 24 most of the time with only one expert !

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## BELGIAN EXPERT FOR AIR


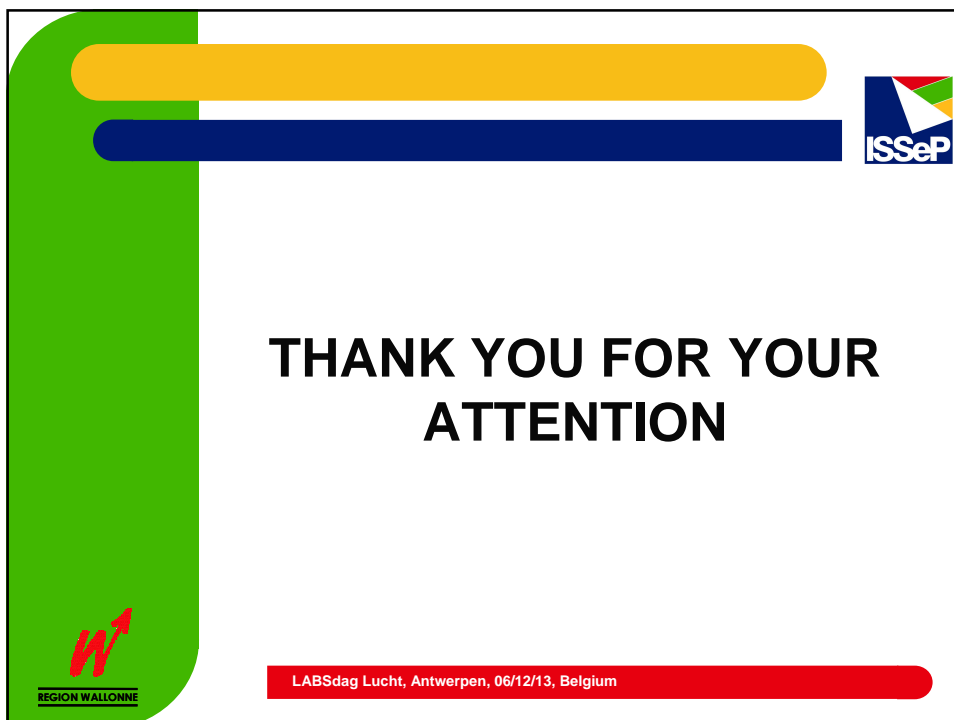
Why do not take part to the normalization process ?




As a active lab you have a lot of experience, why do not share this knowledge by taking part to the normalization process ?

- Put your field experience in standard
- Represent your country as an expert
- Meet other experts and learn for their experience
- Create a new network of peoples
- Valorised your work true international publication
- Money is available for some validation (mandates)
- Be inform of future trend and normative imposition
- Be reactive to future change in equipment
- Passive membership is really affordable

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**THANK YOU FOR YOUR  
ATTENTION**



LABSdag Lucht, Antwerpen, 06/12/13, Belgium