



# Sustainable Use of Energy the CEN/CENELEC response :

a **Sector Forum** and Task Forces on

« **Energy Management and energy efficiency** »

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## ● How the story started ...

### ● 2002 - 2005 : CEN CENELEC BT Joint Working Group “Energy Management”

- Identified 21 standardization priorities on energy management
- Recommended to create a new horizontal strategic body on energy management
  - Promotion of energy management and efficiency, Information exchange, standardisation needs, TCs coordination ...

### ● In 2006, CEN and CENELEC Technical Boards

- created a joint **CEN/CENELEC Sector Forum (SFEM), CEN/AFNOR lead**
- created two joint CEN/CENELEC Task Forces on
  - TF 189 “Energy Management and related services”, secretariat UNI**
  - TF 190 “Energy efficiency and savings calculations”, secretariat NEN**

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## ● How SFEM works ...

### ● Sector Forum SFEM meets twice a year

### ● Around 40 experts at each meeting

- 17 **CEN and CENELEC** members with new members starting to participate (Slovenia, Slovakia)
- European organisations :
  - European Commission : **DG TREN, DG ENTR, DG ENV,**
  - Main professional organisms : **BIM, CECED, CONCAWE, EHI, EURELECTRIC, MARCOGAZ, NORMAPME, ...**
- Consumers and citizens : **ANEC, ECOS**
- **CEN and CLC TCs** on energy, buildings, environment, transport, products/equipment (pumps, ...) ...

### ● Liaison/coordination with

- **ISO/SAG E and IEC/SG1** on energy efficiency and renewable energy
- **CEN/ SABLE** : CEN BT Strategic Advisory Body on Environment

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## ● How SFEM works ...

### ● Information from EC on progress on the implementation of main EU directives

- Energy using products (2005/32/EC)
- Energy efficiency and services (2006/32/EC)
- Renewable Energy Sources (2009/28/EC)

### ● Working groups to analyse thoroughly priority subjects for standardisation

- **Benchmarking methodology on energy uses** (NEN)
- **Calculation method for energy efficiency in transport services** (AFNOR)
- **Energy audits** in industry, transport and buildings (BSI)
- **Terminology** (AFNOR)
- **Guarantees of origin and energy certificates** (SIS)

### ● Information from TCs or TF (TF189 and 190) on the progress of their work

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# Sector Forum « Energy Management »



## How standards develop ...

**CEN CLC Technical Boards**

Requests



Recommendations

Tcs Energies, Industry, building, transport, Environment

TF 189  
Energy Magt

TF 190  
Energy calc.

TF xxx  
Energy Audit

Advice,  
coordination

**Sector Forum Energy Management**

PT Energy Management

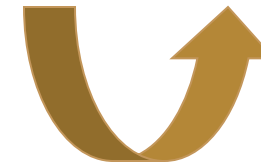
EG Top Down

Industry, Building, Transport

PT Energy E. Services

EG Bottom up

Requests



**WG on Terminology**

PT Energy Benchmarking





## ● The results ...

### Standards under way

- **EN 16001 on Energy Management Systems**, publication **1st of July 2009** (TF 189 PT EMS, SIS)
- **EN 15900 on Energy Efficiency Services**, CEN/CLC Enquiry until June 2009, **publication November 2010** (TF189 PT EES, UNI)
- **Working drafts on Top down and Bottom up** energy efficiency and savings calculations, **June 2009**, (TF190, NEN)
- **CEN/CLC Enquiry** on CEN/ CLC Technical report **on Terminology on energy management and energy efficiency** in **July/August 2009** (SFEM WG, AFNOR)

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## ● The results ...

### New standardisation work

- CEN/TC320/WG10 on **Energy consumption and GHG emissions in relation to transport services** : started December 2008, AFNOR
- CEN/CLC/TF189/PT **Benchmarking methodologies for energy uses** : started March 2009, NEN
- CEN/CLC/TF189/WG on **Energy Managers and Energy experts**: feasibility study to be sent to CEN/CLC BTs by end of 2009, UNI

### What is next ....

- CEN/CLC/WG on **Energy Audits**, BSI (to start September 2009)
- CEN/CLC/ WG on **Guarantees of Origin**, SIS.

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- ❖ **CEN/CENELEC Sector Forum on Energy management** is of good support to facilitate the outcome and then the acceptance by Members of **new subjects related to EU legislation and to sector needs** within CEN and CENELEC work programmes;
- ❖ It allows a **community of experts** to meet and exchange, to be informed of stakes and available best practices and then **to decide of the main European standardisation priorities** dealing with energy management, energy efficiency and renewable energies.

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- Next meeting will take place in Brussels,

**On December 10, 2009**

**Thank You For Your Attention**

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