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**Energy end-use efficiency and energy services  
the CEN/CENELEC response :**  
a Sector Forum  
and Task Forces on  
« Energy management and energy efficiency »

Bernard GINDROZ,  
CEN/CENELEC Sector Rapporteur on Energy Management

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# Energy efficiency and services in CEN and CENELEC



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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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# Energy efficiency and services in CEN and CENELEC



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## ● How SFEM works ...

- Sector Forum SFEM meets twice a year
- Around 40 experts at each meeting
  - 16 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 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) – **DG ENTR**
  - Energy efficiency and services (2006/32/EC) – **DG TREN**
  - To come : Renewable Energy Sources and Carbon Capture and Storage Directives – **DG ENV**
- **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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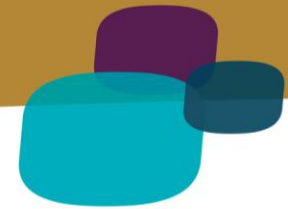


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## How standards develop ...

**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

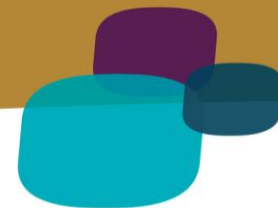
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## ● The results ...

### Standards under way

- **EN 16 001 on Energy management Systems**, Formal Vote until May 2009, **publication in September 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, **April 2009**, (TF190, NEN)
- **CEN/CLC Enquiry** on CEN/ CLC Technical report **on Terminology** 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 in energy uses** : starts 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**, FORM A under approval, BSI
- CEN/CLC/ WG on **Guarantees of Origin**, FORM A under preparation, SIS.

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# Sector Forum "Energy Management"



- ❖ 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, be informed and then decide of the main European standardisation priorities

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- Next meeting will take place in Brussels,

**JUNE 10th. 2009**

Thank You For Your Attention

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