



European Commission



**National Energy Efficiency
Action Plans as required by
Directive 2006/32/EC on
energy end-use efficiency and
energy services**



**European Sustainable Energy Policy Seminar
INFORSE, EUFORES, EREF**

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www.inforse.org/europe/seminar07_BXL.htm



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The Energy Services Directive



- **Commission adoption: 10.12.2003**
- **2nd Reading Agreement reached E P & Council: 30.11.2005**
- **Adoption by Council: 14.03.2006**
- **Signed by EP & Council: 5.04.2006**
- **OJ(27.04); entry into force: 17.05.2006**
- **Transposition deadline: 17.05.2008 except Article 14 on Reports (National Energy Efficiency Action Plans)**





The Energy Services Directive

Article 1: Objective

- To promote cost-effective energy efficiency in EU Member States through energy savings targets, obligations, incentives and the proper institutional, financial and legal frameworks.
- To promote the development of a sustainable market for energy efficiency and energy services.





The Energy Services Directive

Article 2: Scope

- Covers all energy end-use suppliers (distributors and retailers of electricity, natural gas, LNG, LPG, district heating & cooling, heating oil, coal, lignite, peat, biomass, & transport fuels).
 - ◆ **Aviation fuels & maritime bunkers excluded. Small companies (< 75 GWh/yr.) are excluded from Art. 6 and 13.**
- Covers all providers of energy efficiency improvement measures.
- Covers all energy end-use sectors:
 - domestic, agricultural, public and tertiary sectors
 - non-energy intensive industries and transport
 - ◆ **Emissions Trading sector excluded.**





The Energy Services Directive

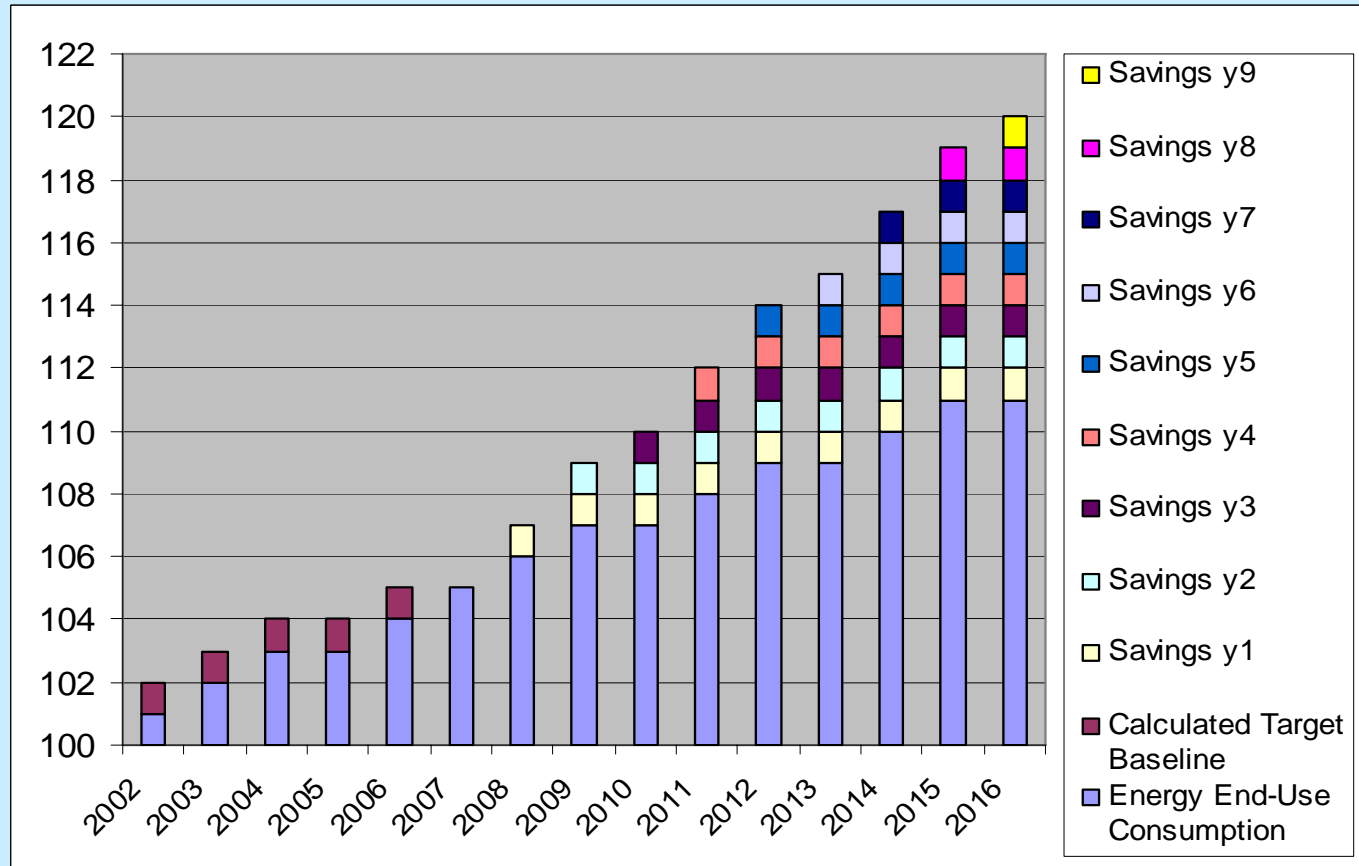
Article 4: The target

- Measured from 1.1.2008 until end of 2016.
- 9-year 9 % target (~1% cum annual savings).
- Indicative target with obligation to take measures; carefully monitored & reported.
- Fixed amount of energy (TWh) : 9% of 5-year average of previous final energy consumption.
- Credit for some “early actions” <1995 (1991).
- All measures must be verifiable and measurable or estimable. (Details Annexes I, II, III & IV.)
- Commission to develop measurement system.



The Energy Services Directive

Annex I: Calculating the target





The Energy Services Directive

Article 5: Public Sector Obligations



The Public Sector in Member States shall:

- **publish energy efficiency guidelines as assessment criteria in tendering for public contracts;**
- **select two mandatory measures from list in Annex VI: energy-efficient public procurement, energy audits or energy performance contracting.**



The Energy Services Directive

Article 6: Obligation on Energy Suppliers

- Member States & suppliers to promote energy services & energy efficiency.
- Obligation for energy distribution and/or retail energy sales companies:
 - to offer energy services, energy audits, energy efficiency measures or contribute to energy efficiency fund.
- Energy companies to help remove market barriers & not hinder market development.





The Energy Services Directive

Articles 9 -13:

- **Financial instruments.**
- **Energy-efficient tariffs for regulated sector.**
- **Energy efficiency funds.**
- **Energy audits.**
- **Improved metering and billing.**





The Energy Services Directive

Article 14: Reporting

1(4)

- **National Energy Efficiency Action Plans/ Member States**
 - ◆ **First NEEAP by 30 June 2007**
 - ◆ **Second NEEAP due on 30 June 2011**
 - ◆ **Third NEEAP due on 30 June 2014**
- **Commission report on NEEAP's after 6 months.**
- **1st NEEAP forward looking, next ones to cover past results & future measures.**





The Energy Services Directive

Article 14: Reporting

2(4)

- MS shall report on planned measures, policies and strategies to meet both intermediate (3rd year) target (Art. 4(2)) and 9th year target (Art.4(1)).
- MS shall also report on measures taken to comply with public sector obligation (Art. 5(1)) and information requirement (Art 7(2)).
- Annex III of the Directive contains an indicative list of eligible measures. The list is not exhaustive.
- Annexes I, II & IV provide guidelines for measuring energy efficiency improvements, together with Art. 3 (definitions).





The Energy Services Directive

Article 14: Reporting

3(4)

- MS shall report on compliance with other Articles in this Directive & in other EE Directives (e.g. EPBD) & extent to which these are expected to be used in meeting targets.
- No *ex post* calculations are required in 1st NEEAP; detailed measurement of *ex ante* impacts not required because methodology is still being developed.
- In 1st NEEAP, MS may use own calculation methods if these respect guidelines in annexes.
- MS may use own reporting format or template. (A template is under preparation, but its use is not obligatory.)





The Energy Services Directive

Article 14: Reporting

4(4)

- A new list, based on CEN Workshop Agreement, ready to replace list in Annex IV (4) on lifetimes of measures in bottom-up calculations. To Article 16 Committee.
- Reporting template nearing completion. To be sent to Article 16 Committee.
- Meeting of Article 16 Committee scheduled for 12.04.2007. Advance notice out. Invitations expected out this week.
- Article 16 Committee to assist Commission in refining calculation methods, adapting Annexes II, III, IV and V to technical progress and in assessing the NEEAPs.





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Article 15: Review and adaptation

- By 1.1.2008, Commission/Committee* to refine & complement bottom-up model covering 20 - 30%.
 - By 1.1.2012 bottom-up model to cover “significantly higher level” of consumption.
 - By 30.6.2008 develop set of harmonised EE benchmarks based on Annex V.
- *4.07.2006 first meeting. Two sub-groups planned.





The Energy Services Directive:

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