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

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R. Bailrey, DG Energy and Transport
The Energy Services Directive

- 2nd Reading Agreement reached E P & Council: 30.11.2005
- Adoption by Council: 14.03.2006
- 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.
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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.
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.
- All measures must be verifiable and measurable or estimable. (Details Annexes I, II, III & IV.)
- Commission to develop measurement system.
Annex I: Calculating the target

Savings y9
Savings y8
Savings y7
Savings y6
Savings y5
Savings y4
Savings y3
Savings y2
Savings y1
Calculated Target
Baseline
Energy End-Use Consumption
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.
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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.
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Articles 9 -13:

- Financial instruments.
- Energy-efficient tariffs for regulated sector.
- Energy efficiency funds.
- Energy audits.
- Improved metering and billing.
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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.
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Article 14: Reporting

- 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).
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Article 14: Reporting

- 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.)
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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