

France revising its entire catalogue of standard measures in order to take into account the eco-design directive

Core theme 8

WG 8.5

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CONTENT



CONCERTED ACTION
ENERGY EFFICIENCY
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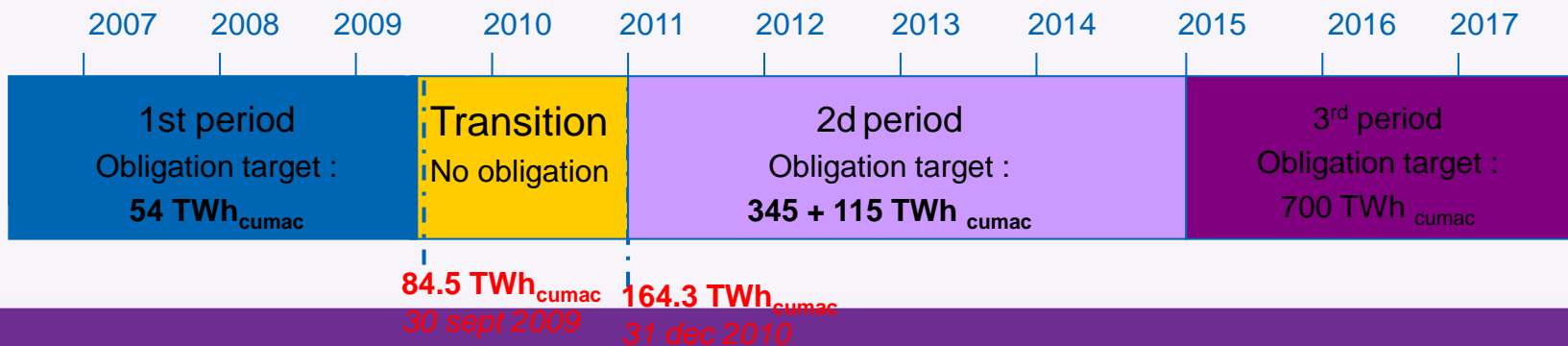


- I. BRIEF REMINDER ON THE FRENCH ESC SCHEME
- II. ADDITIONALITY and ESC
- III. COMPLYING WITH EED
- IV. THE CATALOG REVISION

I. BRIEF REMINDER ON THE FRENCH ESC SCHEME (1/3)



- The French Energy Savings Certificates Scheme (ESC) set by the 13th July 2005 law on French Energy Strategy
 - **Main objective** : achieve energy savings in sectors of dispersed activity, mainly buildings, but also light industry, agriculture and transport.
 - **Principle**: An obligation of energy savings is set on energy suppliers in proportion of their sales for a 3 year period
- Start in July 2006 for 3 years: a first « training » period / low target
- A 2nd period more ambitious : 2011-2014
- A 3rd period, even more ambitions: 2015-2017



I. BRIEF REMINDER ON THE FRENCH ESC SCHEME (2/3)



The « kWh cumac » : the specific measurement unit

- Energy savings obligations are calculated in end-use energy
- Cumulated over the lifetime of the project and discounted with a rate set at 4%

- If energy suppliers don't fulfill their obligations, they have to pay a **penalty of 2 c€/kWh cumac**:
 - 54 TWh cumac (1st period obligations) <-> 1 billion € penalty
 - 345 TWh cumac (2nd period obligations) <-> 7 billion € penalty

- **3 choices for energy suppliers to get ESC:**
 - implement energy savings programs
 - purchase certificates (on the "ESC market")
 - pay the penalty

I. BRIEF REMINDER ON THE FRENCH ESC SCHEME (3/3)



ELIGIBLE OPERATIONS:

- **Standard operations: the Official “catalogue” of basic measures**
 - Standard Operations information sheets drawn up with stakeholders
 - Each information sheet outlines average energy savings in kWh cumac calculated for the operation.
- **“Non-standard” or “special” operations**
 - The National ESC Pole appraises each operation relying on expert advice from ADEME
 - Methodological guidance available to help project initiators and decision-makers establish their claims for special operations.
- **Information, formation, innovation programs & Fuel poverty programs**

II. ADDITIONALITY & ESC (1/2)



Additionality is taken into account at several level:

- Business as usual additionality:
 - ⇒ Only the best technologies eligible
 - ⇒ Energy saving « forfeits » take into account market penetration

- « Obligated parties' active and leading role » additionality:
 - ⇒ When claiming ESCs, obligated parties must provide proofs that they directly contributed to the implementation of the energy saving operation before the beginning of the operation.
 - ⇒ To this end, obligated parties must have beneficiaries signing a declaration on the honor on the active and leading role of the ESC claimer in the realization of the operation

II. ADDITIONALITY & ESC (2/2)



- Policy additionality:

ESCs can only be allocated to **measures targeting higher performances than the level required by national or European regulations.**

⇒ ESCs cannot be attributed to energy saving measures implemented to comply with a regulation (compulsory energy diagnostics or audits, EU ETS ...).

Moreover, ESC cannot be cumulated with any other financial support proposed by ADEME. On the other hand, ESC can be cumulated with the financial support offered by the French government and targeting households...

III. COMPLYING WITH EED (1/2)



- Art 7: In France, EEO scheme + alternative measures
 - ⇒ The ESC scheme should provide around 90% of savings!

- **Problem: EED introduces new rules and obligations with which the ESC scheme is not compatible:**
 - ⇒ ESC for renewables (solar panels, heat production for district heating)
 - ⇒ Programs
 - ⇒ Bonus ESC:
 - ⇒ For certain regions (non interconnected areas such as overseas department)
 - ⇒ For actions undertaken within the frame of an EPContract or of an EMS

- ⇒ **REDESIGN of the SCHEME for the 3rd period**

III. COMPLYING WITH EED (2/2)

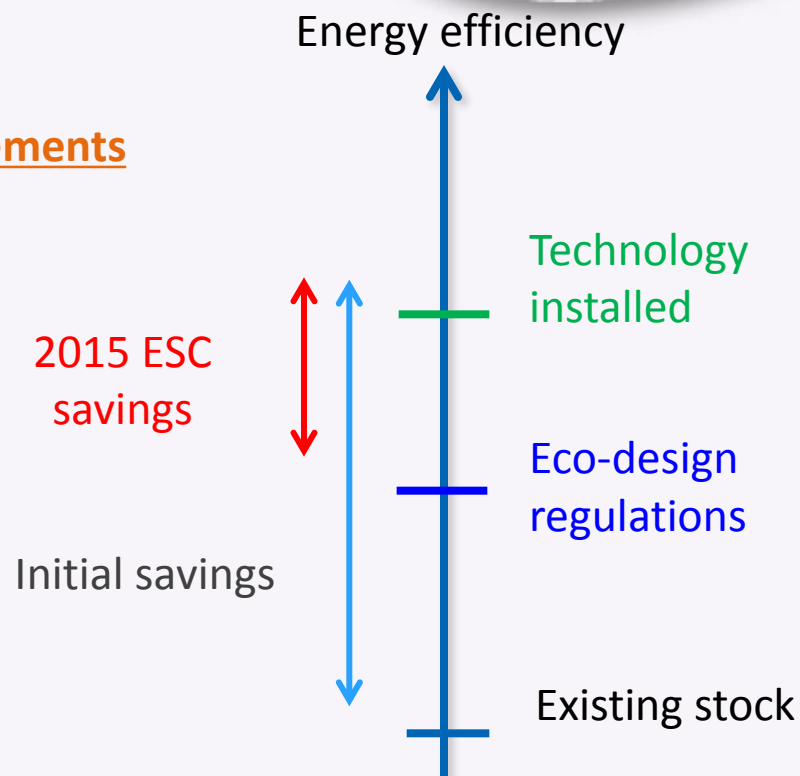
... and the Eco-design directive

■ « Market » baseline => Eco design requirements

- Lighting, appliances
- Electric engine
- Boilers, heat pumps
- Etc.

■ « Stock » baseline

- Insulation
- Optimization of existing equipment
(ie: regulation)



IV. THE CATALOG REVISION (1/3)



At the end of the 2nd period, catalog = 304 standard measures

**Residential
buildings**
80 measures

**Tertiary
buildings**
113 measures

Agriculture
27 measures

Network
17 measures

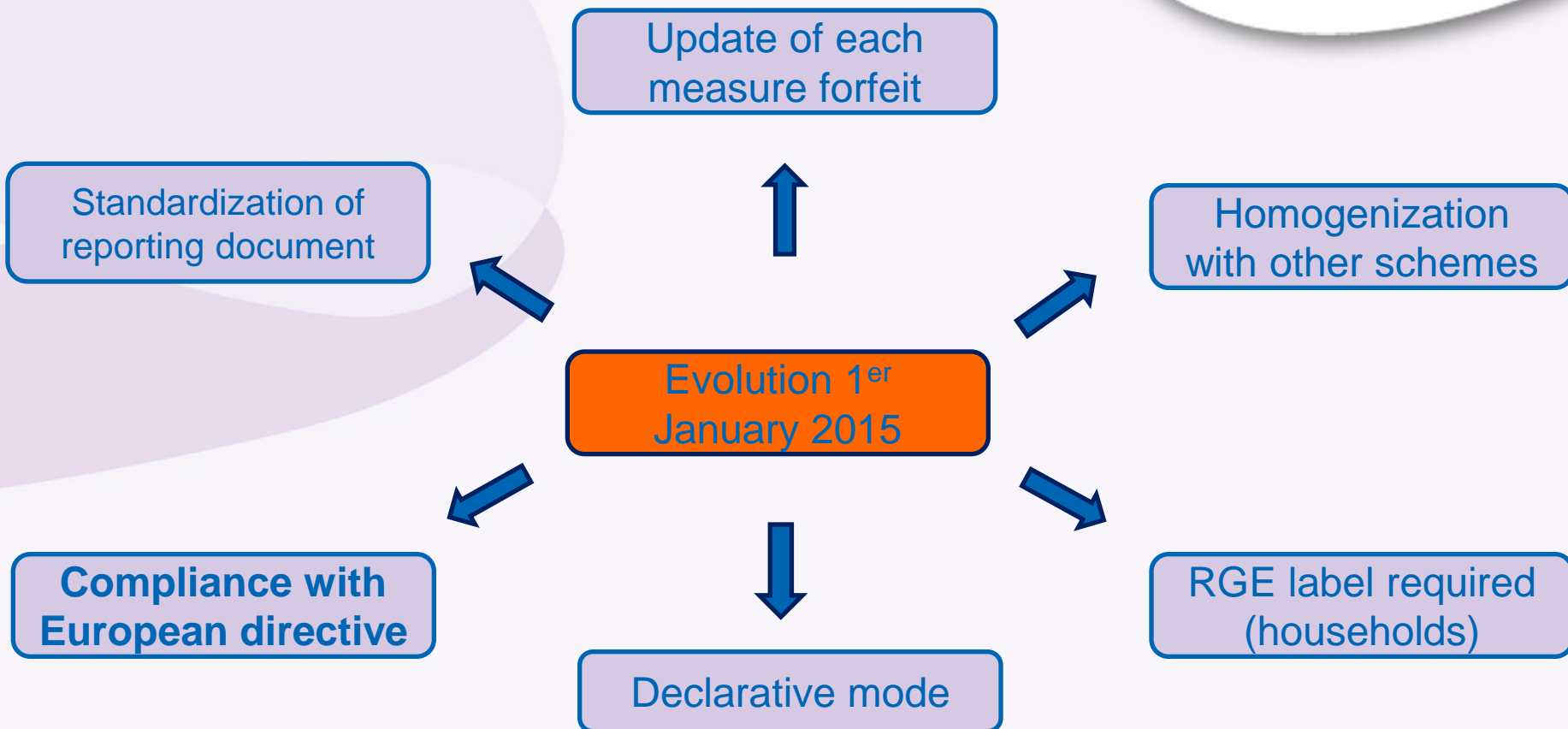
Industry
37 measures

Transport
30 measures

IV. THE CATALOG REVISION (2/3)



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IV. THE CATALOG REVISION (3/3)



Revision of the entire catalog:

- 12 working groups, meeting every 2 weeks for the past 15 months
 - 150 experts involved, from the Ministry, ADEME, obligated parties, industrials...

 - 112 measures revised by the end of 2014 representing 90% of the ECS attributed so far
- ⇒ The rest to be revised by the end of the year
- All non revised measures are no longer eligible (from January 1st 2015)

IMPACT on deemed savings:

- Increased savings for some measures, such as insulation (+15%)
- Drop in savings for most measures (-40% for most measure on heating sytem)

Thank you for your attention!



For more information:

- elodie.trauchessec@ademe.fr
- [Scheme guide \(updated soon\): http://www.ademe.fr/energy-savings-certificate-2011-2013-local-authorities-knowledge-for-action](http://www.ademe.fr/energy-savings-certificate-2011-2013-local-authorities-knowledge-for-action)
- [Regulatory texts for the 3rd period \(in French\): http://www.developpement-durable.gouv.fr/Modalites-de-la-troisieme-periode.html](http://www.developpement-durable.gouv.fr/Modalites-de-la-troisieme-periode.html)

