



White Certificates

The French system

DGEMP
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MINISTÈRE DE L'ÉCONOMIE
DES FINANCES ET DE L'INDUSTRIE

General frame

- ✓ **Obligations on energy suppliers (54TWh for 2006-08?)**
 - electricity, natural gas, GPL, heat /cold and domestic oil for heating
- ✓ **Energy saving actions in all sectors, including transport**
 - large possibilities of actions for obliged parties
 - only actions about new and innovating products or services for other parties (firms, local authorities)
- ✓ **Certificates delivered by Administration, after achievement of action**
- ✓ **Possibility to buy or sell certificates below a maximum price, corresponding to the fine (2c€ /kWh?)**

Obligations

- ✓ **Annual declaration of total sales(for previous year) by every supplier**
 - upper a minimal level(0,4TWh?)except domestic oil
 - for domestic oil, work with profession and Customs Direction to identify all the distributors (~ 5000)
- ✓ **Calculation of individual obligation based only on residential and tertiary sector sales**
 - for the first 3-year period
- ✓ **Actualization of the individual obligation every year**
 - for taking into account new suppliers on a recently open market

Energy saving actions

✓ **Definition of standard operations frequently executed**

- called « elementary operation »
- package of operations (building renovation)
- Calculation of an average amount of saved kWh for every operation or package(works with ADEME and ATEE)

✓ **Public information on results about standard operations**

- publication on Energy ministry and ADEME websites

✓ **Discussion on basis for calculation**

- market or existing state reference for building sector

Energy saving actions

✓ Criterion for additional actions by non obliged parties

- if no impact on business turnover
- if impact, only for innovating product or service
 - definition of innovation for a product
 - ↳ minimal energetic profit($\leq 20\%$?) compare to similar products on market
 - ↳ minor market share ($\geq 5\%$?)
 - proofs must be given by the caller
 - reflexion about criterion for service

✓ Possibility of pre-validation before beginning action

Target of those rules is to avoid rewards for free-riders

Certificates delivery

- ✓ **Units of certificates is kWh, for life time and actualized**
- ✓ **Delivery on regional level by services of Ministry of Economy and Industry**
- ✓ **Minimum amount of 3 GWh for asking certificates**
 - Possibility to join in little actions under a sole caller
- ✓ **Immaterial character by enrolment on national register**
- ✓ **Information by register holder about certificates accounts for facilitating transactions beetween actors**
 - but no formal market