White Certificates
The French system
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 (0.4 TWh?) 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 (≤20%?) compare to similar products on market
      ↻ minor market share (≥ 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 between actors
  – but no formal market