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Agence de l'Environnement
et de la Maîtrise de l'Énergie

The French Energy Savings Certificates Scheme

ADEME - Agency for Environment and Energy Management

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Sector covered

- Initially, the French ESC Scheme main objective was to reach the diffuse potential sources of energy savings, especially in existing buildings.
- All sectors (industry, residential, tertiary, transport), are now covered by ESC Scheme,
- Energy supplier are free to reach their obligation, but suppliers target their customers to claim ESC.
- Obligations are set in « Kwh cumac » and Energy saving measures are estimated in standardised measures (a list of 210) and calculated in same unit
 - Mainstream is standardised measures
 - Non standard actions are also eligible (case by case)
- Threshold (>20GWh) for the size of an ESC dossier. Possibility of grouping the actions to reach the threshold (obliged or eligible).

Social equity and specific group

- Obligated bodies have the obligation to provide with ESC amount at the end of the period. But they do not have any obligation by sector or by group.
- Tax Credit was a driver (1st period)
- Eligible parties can also claim for ESC and trade. These are (2d period) local authorities/ national retrofitting housing Agency / social housing agencies.
- In some way , in the second phase it should have a targeting effect on the commercial strategy of suppliers to these specific groups, even if the quantified objective is not designed.

- Results of the first period :
 - 83,8% of operations in residential building ;
 - 72,3% of operations in heating

Measurement

- The individual obligation (Kwh cumac) for the obliged body, is calculated on the basis of the annual energy market share to residential and commercial buildings.
- Eligible actions = energy efficiency measures generating ESC. They are delivered for actions referenced in an official list of 210 « standardized action worksheets» with predetermined savings targets (savings are estimated ex-ante through a standard methodology)
- For the ESC Scheme , the Methodology of assessment is mix of Top/Down and Bottom/Up methods :
 - Top/down because of ex ante evaluation of energy savings in standardized actions
 - Bottom/Up because of real data (operations numbers)
- Revision of standardised measures:
 - Theoretically: at any moment
 - In practice every 3 years (each new period)
 - Easy administration decision process an « arrêté »

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