

France

For France the following financial instruments and funding programmes were reported:

France	Instrument	Source	Sector	Technology	Impact
Assistance to decision making for energy savings and renewable sources	Public Grant Subsidy for Audits	State funds	Production , Service Companies	Energy Efficiency Study	500-1000 (p.a), 1.5-2 Mio. Euro
Investment subsidies for energy savings	Investment Subsidies	State funds, Ademe budget, mostly coming from the tax on polluting activities	Industrial, Service Companies , all sizes	All production, distribution or use of energy technologies and processes	20-50 projects, 5-10 Mio. Euro p.a.
Fonds-Chaleur Heat Funds	Investment Subsidies	s.a.	Prod. Companies , public entities	Biomass; plants Solar; hot water production (milk and cheese producers) geothermal, Geothermal heat pumps Biogas	100 plants, 200 Mio. Euro (p.a.)
Certificats d'économie d'énergie-Energy saving certificates	White Certificates	Energy suppliers (and then actually the people)	All sectors, public entities	Energy efficiency operations	Energy saving obligation
FOGIME	Loans and lean purchases Guarantee	ADEME, Bpi France Financement, EDF, Charbonnages de France	SMEs	Energy Efficiency, process modifications, use of renewables	

Table 0-1 financial instruments and funding programmes in France

Assistance to decision making for energy savings and renewable energy sources

ADEME can allocate financial incentives (grants) through regional directions to industrial and service companies wishing to realize an energy efficiency study.

500 to 1,000 (for 2012: 750) energy services per year are financed with an annual budget between 1.5 and 2.0 Mio. Euro. It is a year to year programme running for the last 15 years. The source of the money are state funds.

An energy efficiency study covers energy efficiency audits (incl. pre-audits), energy management studies, feasibility studies and assistance to investment in EE. For services in connexion with renewable energy sources, it covers all sources.

Today most of pre-audits and audits are operated through cooperative operations built up with local ADEME partners.

All sized companies can be financed but with differences in the financing rate

Maximum eligible expenses are:

- Pre-audit: 5,000Euro
- Audit: 50,000Euro
- Feasibility study: 100,000Euro

Maximum subsidy rates are:

- 50% of eligible expenses for big enterprises (more than 250 employees)
- 60% for medium size enterprises (50 to 250 employees)
- 70% for small size enterprises (less than 50 employees)

Depending on the regions, particular conditions and amounts can be proposed.

There is no specific energy saving potential calculation method, but a regular evaluation study (evaluation report) to control the effective energy savings realized. ADEME starts to think to use IPMVP in this field. There are no results on webpage.

Contact

Sylvie Padilla

Webpages

www.ademe.fr

<http://www2.ademe.fr/servlet/getDoc?id=38480&m=3&cid=96>

Investment subsidies for energy savings

The ADEME aid programme for energy savings may finance investment in newest technologies and processes of production, distribution and use of energy having the goal of energy saving for private industrial and services companies of all sizes. 20 to 50 projects are financed with 5 to 10 Mio. Euro per year by ADEME mainly through Regional Directions. It is a year to year programme running for 15 years. The source of the budget are state funds and ADEME budget, mostly coming from the tax on polluting activities.

This programme is made of two kinds of operations:

- Demonstration operations which are a first use in real industrial size of new or innovative and energy efficient technologies
- Exemplary operations which are dedicated to validated technologies, for which it is necessary to create best practices examples in a specific territory or branch with the goal of remediate to market obstacles

The incentive will cover partly, only the additional cost due to the energy efficiency technology. The amount of payback from energy savings during five years will be deducted from the incentive.

The instrument is based on the National strategy.

Regular evaluation reports are available.

Generally demonstration and exemplary operation are very few to reach the incentive criteria.

Contact

Sylvie Padilla

Webpages

www.ademe.fr

<http://www2.ademe.fr/servlet/getDoc?id=38480&m=3&cid=96>

www2.ademe.fr

Sources: ADEME faits marquants 2012, ADEME données chiffres clés 2009-2012

Fonds Chaleur-heat funds

The ADEME Heat Fund is dedicated to support heat production projects on the basis of renewable energy sources in production companies (but also public entities) of all sizes with a high heat production capacity.

With approx. 200 Mio. Euro per year around 100 plants were supported per year, between 2009 and 2012 the budget was 892 Mio. Euro. (but figures not clear enough) by ADEME mainly through regional directions.

It is a year to year programme running for 15 years. The source of the budget are state funds, ADEME budget, mostly coming from the tax on polluting activities.

It covers:

- Biomass industrial and agricultural plants: Each year a call for proposal is launched and the best projects are kept. Usually the main condition was a production between 100 and 1000 toe; The newest call (2013) is dedicated to plants able to produce over 1000 toe. The companies have until 1st August 2015 to start the plant.
- Solar thermal plants for hot water production and 350kWh minimum per m2 with special mention of milk and cheese producers,
- Deep geothermal production
- Geothermal heat pumps (with a technical specification)
- Biogas plants of more than 100 toe except for agriculture, plus technical specifications
- Heating networks if supplied with at least 50% renewables or heat recovery

There are regular evaluation reports, with results partially on web.

Contact

Sylvain Bordebeurre, Michel Cairey-Remonnay

Webpages

<http://www2.ademe.fr/servlet/KBaseShow?sort=-1&cid=96&m=3&catid=25413>

www.ademe.fr

<http://www2.ademe.fr/servlet/getDoc?id=38480&m=3&cid=96>

Certificats d'économie d'énergie-Energy saving certificates

Energy saving obligation or white certificates were created by the French law n° 2005-781 the July 13, 2005. This law was stating the energy policy orientations. The programme and objectives are renegotiated every three-year period. The budget is decided by the energy suppliers themselves.

This system relies on a three-year obligation of energy savings required by public authorities to energy suppliers (the obligated). These suppliers are in consequence incited to promote energy efficiency towards their own customers; households, public and private sectors. The programme obliges therefore energy producers/suppliers in the first and private industrial and services companies in second rank.

The CEEs (Energy Saving Certificates) are allocated under conditions by the Ministry in charge of Energy services to the eligible actors who carry out energy efficiency operations. The eligible actors are of course the "obligated" ones, but also other ones.

The energy efficiency operations can be implemented in all kind of activity sectors like housing, tertiary, industry, agriculture, transport etc. A large range of eligible actions covering most energy uses can be implemented.

The "eligibles" may implement these energy efficiency operations on their own property or within other ones they encourage, persuade or supported to do it in their own premises.

The obliged have also the option of buying the CEEs from other stakeholders who succeeded to achieved energy efficiency operations; particularly the "eligibles" non-obliged".

It is based on two systems; standardised operations or specific operations (evaluated by ADEME).

Standardised operations records, defined by law, have been made in order to ease at building up energy efficiency operations. In each sector these records or fiches define for the most frequent operations a lump-sum amount of energy savings.

Energy saving achieved without these standardised operations are to be proven and validated by ADEME.

The delivered certificates are exclusively accounted by their registration into the national energy savings certificate register. All transactions are also registered and an average CEE price is regularly published. www.emmy.fr

This CEE instrument contribute also to renewable energy sources development as setting up renewable heat sources instead of conventional ones can be eligible. Actually, this is only valid in housing, agriculture and tertiary sectors.

At the end of the three-year period, the energy suppliers “obliged” have to justify they succeeded to achieve their energy saving obligation in holding the required CEE amount. If they don't have enough CEE they must pay a penalty of 0.02 Euro per missing kWh.

An evaluation report is made each three-year period.

<http://www.developpement-durable.gouv.fr/Premiere-periode-du-dispositif-mi.html>

Advantage:

A real business has been developed to find out easy energy savings with standardised operations and negotiating them with the energy suppliers

Contact

Cyrielle Bordes (ADEME)

Webpages

<http://www.developpement-durable.gouv.fr/-Certificats-d-economies-d-energie,188-.html>

www.ademe.fr

<http://www2.ademe.fr/servlet/getDoc?id=38480&m=3&cid=96> for English version

<http://www2.ademe.fr/servlet/KBaseShow?catid=15024>

Sources: Aides et incitations financières pour les PME 2011 – ADEME

FOGIME

Fonds de garantie des investissements de Maîtrise de l'énergie (FOGIME) guarantees funds for loans and lean purchases for SMEs. It is applicable for all sectors except banks, agriculture and real estate activities.

Source of the budget is ADEME, Bpi France Financement, EDF, Charbonnages de France. Annually 18 Mio. Euro are provided via guarantees. The programme started in 2000.

When an SME asks its bank for a loan, if it concerns energy efficiency or renewables, the bank asks for a financial guarantee to FOGIME which will cover 70% of the loan. Thus the SME will not pay for this guarantee. The duration of loan must be higher than 2 years and an outstanding maximum 750 000 Euro.

The following activities are financed:

- Efficient materials for production, use, recovery and storage of energy leading to energy savings
- Industrial plants and processes modifications
- Use of renewable energy sources
- Manufacturing of equipment and production materials made for saving energy or to use renewable energy sources

There is no evaluation report available.

Contact

Benoist Mary (ADEME)

Webpages

http://www.bpifrance.fr/votre_projet/innover/outils_en_ligne/guide_manager_un_projet_innovant/ingenierie_financiere

<http://www.aides-entreprises.fr/aides/show/-1/-1/1/461>

http://www.ademe.fr/entreprises/Aides/documents/fogime_note.pdf

<http://www.ademe.fr/htdocs/publications/lettre/89/enjeux.htm>

Sources: Aides et incitations financières pour les PME 2011 – ADEME