



EUROPEAN **COVENANT OF COMPANIES** FOR CLIMATE AND ENERGY

Overview of Support Schemes
FRANCE



INTRODUCTION

Context

The European Climate Law sets an ambitious emission reduction target of 55% by 2030 and the objective of becoming climate-neutral by 2050. Achieving these new 2030 energy and climate targets will require an ever more integrated approach to energy transition. It is thus essential to invite companies, in particular the less resourced SMEs, to join the energy and climate efforts of cities in order to develop mutually beneficial public-private partnerships at local level¹.

Aim of the Covenant of Companies

The European Covenant of Companies for Climate and Energy (EU CCCE) is a European Commission initiative to encourage and support companies to step up their contribution to a clean energy transition, energy savings and related climate objectives as set out in the European Green Deal. The initiative aims to provide practical, step-by-step guidelines and technical assistance to European companies to help them take concrete actions resulting in the decarbonisation of their businesses. The initiative is currently in a pilot phase for two years where concepts will be developed and tested to establish a strong foundation for the Covenant of Companies.

Overview of support schemes

With these documents the EU CCCE provides an overview of the European and national support schemes for energy efficiency and renewable energy, national financing tools for clean energy research and innovation projects, as well as available capacity building support for companies.

For the second phase of the project the Consortium has opted to create detailed overviews by narrowing the study down to eight focus countries: Belgium, Bulgaria, France, Ireland, Lithuania, Romania, Spain and Sweden. This document presents an overview of the financial support schemes in France, the financing tools for research and innovation and available capacity building materials (non-financial support), at the national and European level. It further offers insights in the national context within which the support is provided.

Disclaimer

This document gives an overview of the available support schemes as of July 2022. It serves to give a general overview of existing material at the national level at this date. Although the Consortium has put considerable effort in collating the material presented, it cannot guarantee that the overviews are fully comprehensive and up-to-date.

¹Tender specification setting up and operating the Secretariat for the EU Corporate Covenant Initiative, p.6.

HIGHLIGHTS

- The law on energy transition for green growth (LTEC) was enacted on August 17, 2015. It sets ambitious goals for the development of renewable energies including an increase in the share of renewable energies to 23% of gross final energy consumption in 2020 and to 32% of this consumption in 2030.
- France aims to achieve 40% electricity production from renewable sources, 38% final heat consumption from renewable sources, 15% of final fuel consumption from renewable sources, and 10% of gas consumption from renewable sources, in 2030.
- Different public bodies are responsible for policies and support schemes. The Agence de la Transition Ecologique - Ecological Transition Agency (ADEME), gives a very good overview of supports schemes available for clean energy projects.
- There is no dedicated place to find regional schemes, so regional websites must be monitored. Depending on where companies are located, they should consult the relevant regional website.
- Many support schemes are not specifically targeted towards SMEs. Some schemes support growth and competitiveness in SMEs (which could be used amongst other things, for energy-related projects), while others support clean energy and energy efficiency across multiple target groups including SMEs, but also covering homeowners, large businesses and/or the public sector. Other measures are specific for certain industries.



OVERVIEW OF MAIN SUPPORT SCHEMES

A selection of financial and non-financial support schemes available to French companies as of June 2023 for clean energy projects and R&D&I in clean energy.

France														
SUPPORT SCHEMES	GENERAL INFORMATION			ENERGY SOLUTIONS COVERED					COSTS COVERED				STATUS	
	Scope	Category	Technology/ Readiness Levels (TRL)	Renewable energy utilisation	Energy efficient buildings	Energy Efficiency in processes and operations	Sustainable mobility	Circularity	Non-specific	Consultancy fee	Capital investments	Wages/labour costs		Other operational costs
Renewable energy														
Heat Fund - Fond Chaleur	FIN	FUND		✓						✓	✓			
Project studies for improving the energy performance or decarbonization of industrial companies - Études de projet d'amélioration de la performance énergétique ou de décarbonation d'entreprises industrielles	FIN	GRANT		✓		✓				✓				✓
Call for Warehouse Projects - Appel à Projets Entrepôts	FIN	GRANT		✓			✓	✓		✓				
Feasibility studies for photovoltaic electricity self-consumption - Études de faisabilité pour de l'autoconsommation électrique photovoltaïque	FIN	GRANT		✓						✓				
Studies prior to the construction of a biogas plant - Études préalables à la construction d'une installation de méthanisation	FIN	GRANT		✓						✓				
Solar thermal installation feasibility study - Étude de faisabilité d'installation solaire thermique	FIN	GRANT		✓						✓				
Project management assistance for the installation of a biomass boiler room - Assistance à Maîtrise d'Ouvrage pour la mise en place d'une chaufferie biomasse	FIN	GRANT		✓						✓				
Field thermal response test (geothermal) - Test de réponse thermique de terrain (géothermie)	FIN	GRANT		✓						✓				
Feasibility studies for biomass boiler projects - Études de faisabilité des projets de chaufferie biomasse	FIN	GRANT		✓						✓				
Feasibility studies for the waste heat recovery plant - Études de faisabilité pour l'installation de récupération de chaleur fatale	FIN	GRANT		✓						✓				

LEGEND

Scope

FIN - Financial support scheme
R&I - Research & Innovation financing tool

Category

TAX - Tax benefit or incentive
GRANT - Grant

FUND - Fund
LOAN - Loan

GUAR- Guarantee

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Renewable energy														
Studies for a hydroelectric installation - Études pour une installation hydroélectrique	FIN	GRANT		✓						✓				
Energy diagnosis and identification of priority energy actions for greenhouses - Diagnostic énergétique et identification d'actions énergétiques prioritaires pour les serres	FIN	GRANT		✓	✓					✓				
studies on heating or cooling networks powered by renewable and/or recuperated energies - Études sur les réseaux de chaleur ou de froid alimentés par des EnR et/ou EnR&R	FIN	GRANT		✓	✓					✓				
Studies of renewable heating networks, 2 ^e édition - Études de réseaux de chaleur renouvelables, 2 ^e édition	FIN	GRANT		✓	✓					✓				
Tertiary Eco-Energy Business Booster: reduce your energy bill and gain green value - Booster Entreprises Éco-Énergie Tertiaire : réduire votre facture énergétique et gagner en valeur verte	FIN	GRANT		✓	✓					✓				✓
Energy Efficiency														
Tax credit for the energy renovation of VSE and SME premises - Crédit d'impôt pour la rénovation énergétique des locaux des TPE et PME	FIN	TAX			✓								✓	✓
Studies for the fight against food waste - Études pour la lutte contre le gaspillage alimentaire	FIN	GRANT				✓		✓	✓	✓				
Air quality actions in disputed territories - Actions qualité de l'air dans les territoires en contentieux	FIN	GRANT		✓		✓	✓		✓	✓	✓			

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Sustainable mobility														
Investments in hydrogen production and fleets - Investissements dans la production d'hydrogène décarboné ou hydrogène vert	FIN	LOAN					✓				✓			
Opportunity and feasibility studies for the deployment of hydrogen in a territory - Études d'opportunité et de faisabilité du déploiement de l'hydrogène sur un territoire	FIN	GRANT					✓			✓				
Circularity														
Aid for the reuse of packaging and containers - Aides au réemploi des emballages et des contenants	FIN	GRANT						✓		✓				
Support for studies and diagnostics for reuse and repair (excluding packaging)- Soutien aux études et diagnostics pour le réemploi-réutilisation et la réparation (hors emballages)	FIN	GRANT						✓		✓				
Studies for the management of bio-waste from economic actors - Études pour la gestion des biodéchets des acteurs économiques	FIN	GRANT						✓		✓				
The Circular Economy Fund - Le Fonds Économie Circulaire	FIN	FUND						✓		✓	✓	✓		
Research and Innovation														
Development of technological bricks and services for the decarbonization of industry (IBaC SMEs) - Développement de briques technologiques et services pour la décarbonation de l'industrie (IBaC PME)	R&I	GRANT	4			✓				✓	✓	✓		✓
Ecodesign studies of products and services - Études d'écoconception des produits et des services	FIN/R&I	GRANT						✓	✓			✓		
Research, Development or Innovation (RDI) projects - Projets de Recherche, Développement ou Innovation (RDI)	R&I	GRANT	1						✓	✓	✓	✓	✓	✓

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Selected Support Schemes	Scope	Category	Technology Readiness Levels (TRL)	Renewable energy utilization	Energy efficient buildings	Energy Efficiency in processes and operations	Sustainable mobility	Circularity	Non-specific	Consultancy fee	Capital investments	Wages/labour costs	Other operational costs	Specific for SMEs	
Research and Innovation															
Innovative solutions for improving the recyclability, recycling and reincorporation of materials - Solutions innovantes pour l'amélioration de la recyclabilité, du recyclage et de la réincorporation des matériaux (RRR)	R&I	GRANT	1					✓		✓	✓	✓			
Industrialization of wood and other bio-based construction products and systems - Industrialisation de Produits et Systèmes Constructifs bois et autres biosourcés - (SCB)	R&I	GRANT	8	✓	✓					✓	✓	✓			
Research tax crédit - Crédit Impot Recherche (CIR)	R&I	TAX	1						✓	✓	✓	✓			
Experimentation protocol on the use of intermediate vehicles - Protocole d'Expérimentation sur l'usage de Véhicules intERmédiaires	R&I	GRANT					✓			✓	✓	✓			
Innovation Tax Credit - Crédit Impot Innovation (CII)	R&I	TAX	3						✓	✓		✓			
Call for research projects - Sustainable Energy: efficient production, management and use - Appel à projets de recherche - Énergie Durable : production, gestion et utilisation efficaces	R&I	GRANT	ALL	✓	✓	✓				✓	✓	✓			
The Investments for the Program of the future - Le programme d'investissement d'avenir (PIA)	R&I	GRANT	ALL	✓						✓	✓				
Development of technological bricks and demonstrators for energy systems by SMEs - Développement de briques technologiques et démonstrateurs pour les systèmes énergétiques	R&I	GRANT	8	✓	✓					✓	✓			✓	
Biobased products and industrial biotechnologies - Produits biosourcés et biotechnologies industrielles	R&I	GRANT	ALL	✓		✓				✓	✓	✓			

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Selected Support Schemes	Scope	Category	Technology Readiness Levels (TRL)	Renewable energy utilization	Energy efficient buildings	Energy Efficiency in processes and operations	Sustainable mobility	Circularity	Non-specific	Consultancy fee	Capital investments	Wages/labour costs	Other operational costs	Specific for SMEs
General schemes														
Sustainable Tourism Fund – Restaurant owners & accommodation providers, speed up your ecological transition Fonds Tourisme Durable – Restaurateurs & hébergeurs, accélérez votre transition écologique	FIN	GRANT		✓	✓	✓	✓	✓		✓	✓			✓
Audit énergétique en industrie - Energy audit in industry	FIN	GRANT		✓	✓	✓	✓	✓		✓				✓
Green fund - Land recycling - Polluted wasteland - Fonds vert - Recyclage foncier - Friches polluées	FIN	GRANT							✓	✓		✓	✓	
Promote the development of Low Carbon Industrial Zones - Favoriser le développement de Zones Industrielles Bas Carbone (ZIBaC)	FIN/R&I	GRANT		✓	✓	✓	✓	✓		✓				
Aid for investments in the decarbonization of industrial production tools - Aide en faveur des investissements de décarbonation des outils de production industrielle	FIN	GRANT				✓					✓	✓		
Springboard for the ecological transition of SMEs - Tremplin pour la transition écologique des PME	FIN	GRANT		✓	✓	✓		✓		✓				✓
Development of technological bricks and demonstrators - Achievements of industrial firsts combining supply and demand (DEMIBaC) - Développement de briques technologiques et démonstrateurs - Réalisations de premières industrielles associant l'offre et la demande (DEMIBaC)	FIN	GRANT	ALL						✓	✓	✓	✓		
Energy Savings Certificates System - Dispositif de certificats d'énergie (CEE)				✓	✓	✓	✓	✓		✓	✓	✓		

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OVERVIEW OF MAIN SUPPORT SCHEMES

Capacity building material available to French companies as of June 2023 for their clean energy transition

France										
CAPACITY BUILDING MATERIAL	TYPE		SCOPE							STATUS
Selected Capacity Building Material	Type of support	General information and examples	Emission inventory	Energy performance base line	Monitoring & reporting	Energy Audit	Clean energy plan or strategy	Implementation support	Networking	Specific for SMEs
Institutes of Excellence in carbon-free energy - Instituts d'Excellence en matière d'énergie décarbonées	PLAT						✓			
COMETE, the Ecology and Territories Community - COMETE, la Communauté Écologie et Territoires	PLAT	✓						✓		
The Energy Program for SMEs - Le programme énergie des TPE / PME	TOOL				✓	✓				✓
The main mechanisms for the ecological transition of VSEs and SMEs - Les principaux dispositifs pour la transition écologique des TPE et PME	DOC	✓								
Guides in favor of the ecological transition of VSEs/SMEs - Des guides en faveur de la transition écologique des TPE/PME	DOC			✓		✓	✓			✓
Ademe investissement	OTH	✓	✓				✓	✓		

LEGEND

Form of support

DOC - Guidance document
 EXP - Expert guidance / consultancy
 TRAIN - Course, training, workshop

PLAT - Platform or portal
 HD - Helpdesk

TOOL - Tool (web-based, template or other)
 OTH - Other

OVERVIEW OF MAIN SUPPORT SCHEMES AT EU-LEVEL

Selection of financial and non-financial support schemes available to European companies as of July 2022 for clean energy projects and R&D&I in clean energy.

EU																
MAIN LANDING PAGE		https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home														
Support schemes	GENERAL INFORMATION			ENERGY SOLUTIONS COVERED							COST COVERED					STATUS
Selected Support Schemes	Scope	Category	TRL levels	Renewable energy utilization	Energy efficient buildings	Energy storage	Sustainable mobility	Infrastructure and smart grids	Circularity	Non-specific	Consultancy fee	Capital investments	Wages/labour cost	Other operational costs	Description	Specific for SMEs
Horizon Europe - Relevant Missions																
Adaptation to Climate Change										✓	✓	✓	✓	✓	Operational costs are only covered when they can be attributed as direct costs. Indirect costs may sometimes fall under the grant, but will depend on the grant agreement for a specific project. See also: https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/aga_en.pdf#%5B%7B%22num%22%3A92%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XY2%22%7D%2C%59%2C722%2C0%5D	
Climate Neutral and Smart Cities										✓	✓	✓	✓	✓	Annotated Grant Agreement - EU Grants - Art.6.1	
Horizon Europe - Programme Innovative Europe																
EIC Pathfinder	R&I	FUND & GRANT	1 - 4		✓						✓	✓	✓	✓	Annotated Grant Agreement - EU Grants - Art.6.2	
EIC Transition	R&I	FUND & GRANT	4 - 5/6	✓				✓	✓		✓	✓	✓	✓	Annotated Grant Agreement - EU Grants - Art.6.2	
EIC Accelerator	R&I	FUND & GRANT	5/6 - 9		✓			✓			✓	✓	✓	✓	Annotated Grant Agreement - EU Grants - Art.6.2	✓
CINEA																
CEF Energy: Energy Infrastructure: Projects of Common Interest	FIN	GRANT						✓			✓	✓	✓	✓	Annotated Grant Agreement - EU Grants - Art.6.2	
CEF Energy: Energy Infrastructure: Cross-border renewable energy projects				✓							✓	✓	✓	✓	Annotated Grant Agreement - EU Grants - Art.6.2	
LIFE Clean Energy Transition	FIN	GRANT		✓	✓			✓			✓	✓	✓	✓	https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/life/wp-call/2021-2024/call-fiche_life-2022-cet_en.pdf	
LIFE Circular economy	FIN	GRANT							✓		✓	✓	✓	✓	https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/life/wp-call/2021-2024/call-fiche_life-2022-sap-env_en.pdf	
LIFE Climate Change Mitigation and Adaptation	FIN	GRANT		✓	✓		✓		✓		✓	✓	✓	✓	https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/life/wp-call/2021-2024/call-fiche_life-2022-sap-clima_en.pdf	
Innovation Fund	R&I	GRANT		✓		✓		✓			✓				https://cinea.ec.europa.eu/system/files/2022-02/IF_flyer-2021%20.pdf	
EIF and EIB																
Invest EU	FIN/R&I	FUND		✓	✓	✓	✓		✓						The financing will typically take place through financial intermediaries that take equity participations, convertible loans and other equity-type financing. These intermediaries would typically be independent commercially-run fund managers that select companies with adequate return prospects, driven by a commercial logic when selecting companies in which to invest or provide other forms of financing. The InvestEU intervention will done on commercial terms and crowd in private investors.	✓

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OVERVIEW OF MAIN SUPPORT SCHEMES AT EU-LEVEL

Capacity building material available to European companies as of July 2022 for their clean energy transition

EU										
CAPACITY BUILDING MATERIAL	TYPE		SCOPE							STATUS
Selected Capacity Building Material	Type of support	General information and examples	Emissions inventory	Energy performance baseline	Monitoring & reporting	Energy audit	Clean energy plan or strategy	Implementation support	Networking	Specific for SMEs
LIFE close-to-market projects	PLAT	✓					✓		✓	
EIC Business Acceleration Services	PLAT	✓			✓				✓	
Invest EU - Advisory hub	EXP						✓	✓	✓	
Innovation Fund	EXP						✓	✓	✓	

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NATIONAL SUPPORT SCHEMES FOR CLEAN ENERGY PROJECTS

Renewable energy utilisation

Support schemes for renewable energy are mainly managed by the ADEME which maintains an overview of schemes that can be used by individuals, companies, and public administration professionals or organisations.

Regarding **photovoltaic production**, for example, national support systems for electricity use two different mechanisms, depending on the power of the photovoltaic installation in question:

- the purchase price at the open counter, for installations with power less than or equal to 500 kWp;
- calls for tenders for installations with a power greater than 500 kWp, operated by the Energy Regulation Commission (CRE in French, Commission de Régulation de l'Énergie).

Within these two mechanisms, it is possible to enhance a company's production by the sale of photovoltaic electricity or by its self-consumption for a contract period equal to 20 years.

Companies that have already undertaken prior actions are eligible for the **project studies** grant for improving the energy performance or decarbonisation of industrial companies. The grant covers the consultancy costs for:

- Enriching energy management approaches.
- The preparation of investments in energy efficiency and/or decarbonisation.
- Optimising processes and operations in terms of energy efficiency and/or decarbonisation.

The project studies grant does not apply to companies that are eligible for the **Heat Fund**. The Heat Fund supports project owners in heating and cooling projects by financing the costs of the installation, feasibility studies, and consultancy.

The grant for project management assistance **for the installation of a biomass boiler room** is financed through the Heat Fund and helps in the installation of biomass/wood heat production, after approval of the investment through a feasibility study.

In all cases where the electricity is sold through benefiting from national financial support (open window or call for tenders), it is sold to an obligated buyer (generally EDF OA, otherwise a local distribution company).

NATIONAL SUPPORT SCHEMES FOR CLEAN ENERGY PROJECTS Continued.

Energy efficiency in buildings

Regarding energy efficiency in Buildings, grants are available via ADEME. For example, the **Tertiary Eco-Energy Business Booster: reduce your energy bill and gain green value**, is technical support provided by ADEME to private-sector companies for the energy-efficiency renovation of their commercial buildings.

Additionally, the State has entrusted ADEME, since 2009, with the management of the **Heat Fund** in order to consolidate the French territory, stimulate renewable heat production and recovery facilities, as well as the development of linked heat networks. The Heat Fund has been endowed with EUR 2.6 billion to support more than 6,000 projects representing EUR 9.4 billion of work and a total R&R heat production of 35.5 TWh/year.

Energy efficiency in industry

The ecological transition component of the Recovery Plan announced by the French government in September 2020 includes an “industry decarbonisation” component with a total budget of EUR 1.2 billion by 2022, including EUR 200 million from 2020. This aid is not specific to SMEs and is intended for industrial companies of all sizes wishing to equip themselves to reduce their CO₂ emissions or improve their energy efficiency.

Several schemes are open to companies of all sizes from 2020 to support the use of more energy-efficient industrial processes that emit less greenhouse gases

- “Tailor-made” investment aid for complex projects to improve the energy efficiency of industrial processes representing an investment of more than EUR 3 million
- Investment aid for complex industrial process decarbonisation projects.
- An operating aid for industrial biomass heat.
- Additional aid for industrial heat from Solid Recovered Fuels (SRC).
- A grant window for a pre-determined list of equipment under 3 million euros improving energy efficiency.

Sustainable mobility

In order to promote more ecological means of transport, a sustainable mobility package has been created by the French State and offers employers the possibility of allocating an indemnity exempt from contributions to employees favouring so-called “soft mobility” modes of transport to make their journeys between their usual residence and their workplace.

An important focus is also placed on hydrogen in France. Regional aid is available, in addition to European aid, through “La Banque des Territoires” (The Bank of Territories), which supports the development of sustainable mobility within the framework of the energy transition law for green growth. The bank invests in projects concerning **stations/fleets of hydrogen vehicles** which is applicable to companies as well as communities or personal vehicles. Several financing methods are available: minority investment in the capital of a project company and mixed arrangements.

FINANCING TOOLS FOR RESEARCH AND INNOVATION

The National Energy Research Coordination Alliance (ANCRE) created in 2009 by the CEA (Centre d'Etudes Atomiques, Atomic Study Center), the CNRS (Centre National de la Recherche Scientifique, National Center for Scientific Research) and the Conference of University Presidents (CPU) aims to strengthen the efficiency, promotion, and international influence of French public research by ensuring better coordination of scientific programming. It brings together French public research organisations concerned with energy issues. French research is present across the entire R&D value chain, including:

- industrial research and research demonstrations carried out in particular by public establishments including the CEA, CSTB, BRGM and IFPEN and by the companies themselves;
- pre-industrial experimentation and technological demonstrations carried out by industrial companies, in partnership with public laboratories and public industrial and commercial establishments (EPIC).

The Investments for the Future programme (**PIA**) aims to mobilise intervenes throughout the innovation life cycle, linking public research with the business world.

Additionally, **Research Tax Credit** aims to encourage companies to engage in R&D activities. The tax credit rates vary according to the amount of the investment. These credits are currently being discussed and may evolve, so it is advised to regularly check the ANCRE website.

NATIONAL CAPACITY BUILDING MATERIAL

In France, there are only a few capacity-building materials for companies to develop clean energy plans or strategies, set targets, create a baseline, or monitor energy use or emissions. The French ministry of energy transition, and more generally all stakeholders of the public sector, maintain several sectoral guides with many examples dedicated to SMEs. In addition, platforms are available in order to connect all stakeholders involved in energy efficiency, such as **COMETE**.

MAIN SOURCES OF INFORMATION ON SUPPORT SCHEMES

Title	Description page	Link
Institutes of Excellence in carbon-free energy - Instituts d'Excellence en matière d'énergie décarbonées	<p>With an overall budget of EUR 1 billion, the "Institutes of Excellence in the field of Low-carbon Energies" (IEED) action will make it possible to bring out 5 to 10 IEEDs within technological innovation campuses with a global dimension, following two calls for projects.</p>	<p>https://www.french-institutes-technology.fr/les-irt-ite/ite/</p>
COMETE, the Ecology and Territories Community - COMETE, la Communauté Écologie et Territoires	<p>On this platform, past and future events of the community and its partners are shared, as well as useful news and resources on the territorial ecological transition.</p>	<p>https://territoires-en-transition.ecologie.gouv.fr/</p>
The Energy Program for SMEs - Le programme énergie des TPE / PME	<p>Funded by Energy Savings Certificates (CEE), Baisse les Watts is aimed at companies wishing to better understand their consumption and be able to quickly initiate initial energy saving actions.</p>	<p>https://www.baisseswatts.fr/</p>
The main mechanisms for the ecological transition of VSEs and SMEs - Les principaux dispositifs pour la transition écologique des TPE et PME	<p>This guide lists the main systems, financed, or co-financed by the State</p>	<p>https://www.entreprises.gouv.fr/files/files/secteurs-d-activite/industrie/decarbonation/transition-ecologique-guidedes-aides-pour-les-tpe-pme.pdf</p>
Guides in favor of the ecological transition of VSEs/SMEs - Des guides en faveur de la transition écologique des TPE/PME	<p>In order to support VSEs and SMEs in their ecological transition, the Directorate General for Enterprise has published two guides listing the main support systems. One is intended for all VSEs/SMEs and the second is aimed at industrial SMEs.</p>	<p>https://entreprendre.service-public.fr/actualites/A16400</p>
Climaction - Climaxion	<p>Through the Climaxion program, ADEME and the Grand Est Region provide financial support for energy transition and circular economy projects. in this document the summary is listed of the aid granted to economic activities for each stage of a well-controlled project.</p>	<p>https://www.climaxion.fr/docutheque/aides-2022-aux-entreprises-transition-energetique-leconomie-circulaire</p>

NATIONAL INDUSTRIAL AND ENERGY POLICY FRAMEWORKS AND MAIN STAKEHOLDERS

In France, the framework of energy transition is governed by the Energy Transition Law voted for in March 2015 by the Senate. The French government has set objectives to be achieved in terms of transition for 2020, 2030 and then 2050. This law responds to environmental issues and serves the French population. It is a question of proposing solutions for:

- the fight against the scarcity of fossil fuels by turning to other green alternatives;
- sections of the population who do not have access to energy or who suffer untimely power cuts and can benefit from total energy autonomy;
- the need to reduce CO2 emissions and various greenhouse gases.

The law also plans to encourage changes in the behaviour of citizens with aid schemes for better and reduced energy consumption (aid for the renovation of buildings, for example, or aid for the purchase of electric vehicles). Practical objectives have been signed as part of this energy transition law. For example, the law sets the reduction of greenhouse gas (CO2) emissions at 40% between 1990 and 2030 and plans to halve nuclear power generation by 2025. On the other hand, renewable energies will have to represent 23% of the total energy mix: between wind, solar or hydraulic. Housing will have to achieve energy performance in line with national standards by 2050.

To achieve these objectives, the State has made industry a central player in the transition. In 2020, following the Coronavirus crisis, EUR 1.2 billion was made available by 2022 for industry to engage in the energy transition. To do this, ADEME proposes, among other things, a call for projects to promote investment in energy efficiency technologies or to support the decarbonisation of the industrial sector.

Finally, at the international and European levels, other agreements provide a framework for the energy transition, such as COP21 and the Paris Agreement of 2015, which aims to limit the greenhouse gas emissions of countries that are signatories to this agreement.

State vs regional responsibilities

France's individual territories are at the heart of the Climate-Air-Energy action. The policies for the climate, air and energy are defined at the **national level** in plans and strategies. The **regional and inter-municipal level** are responsible for the integration of these policies to ensure the consistency of the measures deployed and their implementation in all sectors, such as urban planning, transport, etc.

Local authorities play a key role in controlling energy consumption, promoting renewable energies, and improving air quality. They are responsible for structuring investments in terms of energy for buildings and transport. Through their town planning and development policies, they organise the distribution of activities and places of residence. Through their economic and regional planning policies, they determine the development of the energy potential of each respective territory. In particular, local authorities are responsible for planning (especially at the regional level) and leading (especially at inter-municipal level) the energy transition.

NATIONAL INDUSTRIAL AND ENERGY POLICY FRAMEWORKS AND MAIN STAKEHOLDERS Continued.

Institutions

In France, the most directly involved public actor is the **Ministry of Ecological Transition**. It is on this that all national orientations in terms of energy policy depend. To carry out his mission and choose new energy orientations, the Minister is notably called upon to consult the High Council for Energy for decisions concerning the gas and electricity markets.

The **Higher Council for Energy** is made up of members of Parliament; representatives of the ministries concerned; local authorities; energy consumers as well as associations approved for the protection of the environment; representatives of companies in the electricity, gas, oil, renewable energies and energy efficiency sectors and employee representatives from the electricity and gas industries. Its role is to advise the government on national energy policy. Other organisations are responsible for implementing the government's energy policy.

The **Directorate General for Energy and Climate (DGEC)** is responsible for securing the supply of energy resources, guaranteeing the best prices, and coordinating the policy to combat global warming, and for French nuclear policy. In the field, the Agence de la Transition Ecologique (Ecological Transition Agency (**ADEME**)) advises and helps companies and individuals to progress in their environmental approach.

Finally, the **municipalities and other public organisations at the territorial level** (communities of municipalities, regions, etc.) have created their local energy agency, now with more than 30 agencies listed on the French territory. The energy agency is envisioned to be a place of exchange between all the actors within the energy sector, companies, and individuals of a city, whilst both advising and accompanying all those who wish to fight against energy poverty.



INTERVIEW SOURCES

- PCME, 27 April 2023
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[https://covenant-of-companies.ec.europa.eu/
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