

SUSTAINABLE BUILDINGS & ENERGY EFFICIENCY

KEY INFO IN

10
POINTS



1

▶ A BUOYANT MARKET

The French market for improving home energy efficiency increased in value from €12.6 billion in 2006 to €21.6 billion in 2015. There are 131,000 full-time jobs in sustainable building, predominantly in the heat pump and domestic wood sectors (15,920 and 15,560 jobs, respectively). (French Environment and Energy Management Agency ADEME)

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▶ STRATEGIC POSITION

The building sector generates around 20% of greenhouse gas emissions in France, and consumes 45% of primary domestic energy. It is also one of 19 sectors identified by France as strategically important for the green economy.

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▶ STRONG GOVERNMENT BACKING

The French government has introduced various financial support programs, including an energy transition tax credit, interest-free eco-loans (Éco-PTZ), social housing eco-loans (Éco-PLS) and “better living” eco-loans to encourage sustainable building.

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▶ SUNPARTNER AND VINCI JOIN FORCES

The VINCI Construction group is a major player in sustainable building, while Aix-based startup Sunpartner Technologies are solar innovation specialists. The two companies joined forces in April 2016 to develop Horizon Energy, a solar photovoltaic panel wall for energy-generating buildings.

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▶ GROUNDBREAKING ECO-DISTRICTS

The Clichy-Batignolles eco-district in Paris makes extensive use of renewable energy, and features other sustainable innovations, such as rainwater recovery for watering plants and even shared gardens. Other eco-districts are also taking shape, including Confluence in Lyon and IssyGrid, the district smart grid in Paris suburb Issy-les-Moulineaux.

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▶ RT 2020: POSITIVE ENERGY BUILDINGS

The RT 2020 thermal regulations have now replaced RT 2012. They aim to implement the concept of “positive energy buildings”, which produce more energy than they consume, and allow for complete design freedom, with the only restrictions being on energy use.

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▶ A HIGHLY INNOVATIVE SECTOR

The 2017 Awards du bâtiment (building awards) paid tribute to many companies from the sector for their innovative and sustainable solutions: removable and recyclable bricks, concrete reinforced with recycled glass, entirely photovoltaic building facades, sandwich boards made from 100% biosourced materials (flax, hemp, wood, etc.), thermo-regulating paint that stores and delivers energy, etc.

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▶ AN ACTIVE RESEARCH ENVIRONMENT

Six of France's innovation clusters work predominantly on developing sustainable buildings and energy efficiency: INEF4 in Nouvelle Aquitaine, NOVABUILD in Pays de la Loire, Efficacity and Advancity in Ile de France (Paris region), Fibres-Energievie in Grand Est, and Tenerrdis in Auvergne-Rhône-Alpes.

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▶ ECO-CONSTRUCTION TRADE SHOWS

France hosts a wide array of eco-construction and energy efficiency trade shows, such as Ecobat, Intelligent Building Systems, Passi'Bat, and the Mondial du bâtiment in Paris; but also WoodRise in Bordeaux, the Carrefour international du bois in Nantes, and the Salon habitat et bois in Epinal.

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▶ WELCOME TO FRANCE

Numerous foreign companies in the sustainable building and energy efficiency sector have operations in France. They include German insulation specialists Knauf, Luxembourg roofing experts Braas Monier, and Belgian firm Deceuninck, one of Europe's leading players in the sustainable PVC profile and joinery market.



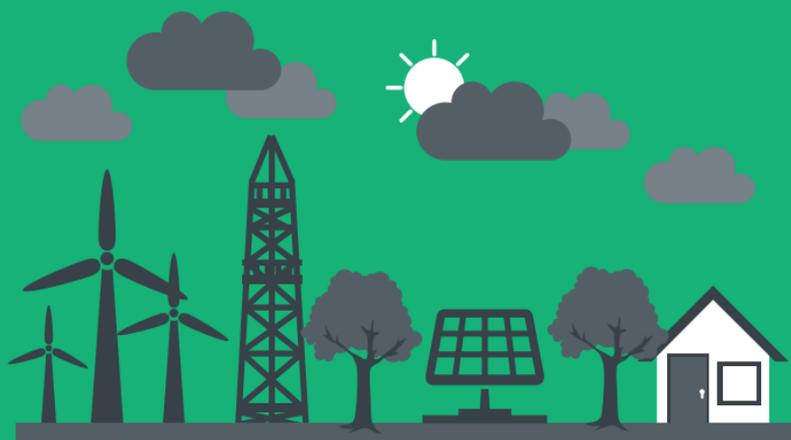
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#3 PRODUCER OF RENEWABLE ENERGIES IN EUROPE



(EUROSTAT)

-22.5 Mt

CO₂EQ FALL IN EMISSIONS
DUE TO RECYCLING



(FEDEREC ; ADEME, 2017)

€21.6 billion
IN 2015



**THE GLOBAL MARKET FOR
IMPROVING HOME ENERGY EFFICIENCY**

(ADEME)



131,000

FULL-TIME JOBS
IN THE SUSTAINABLE BUILDING SECTOR
(ADEME)