

Liberté Égalité Fraternité



It concerns all sectors of activity and must be endorsed by everyone: citizens, communities and businesses.

- Two goals:
- Achieving carbon neutrality by 2050;
- Reducing the French people's carbon footprint.

• It provides guidelines to enable the transition to a low carbon economy in all sectors of activity.

• It sets carbon budgets, emission caps not to be exceeded per period of five years until 2033.

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### Carbon neutrality

- It is a balance between:
- GHG emissions throughout the country;
- carbon absorption:
- by the ecosystems managed by people (forests, agricultural soils, etc.);
- by industrial processes (carbon capture and storage or reuse).



### Factor 6

Carbon neutrality means dividing our GHG emissions by at least 6 by 2050, compared to 1990.

### Why aim for carbon neutrality in 2050?

- It is essential to be consistent with France's commitments under the Paris Agreement and to ensure a healthy future for present and future generations. It is an objective enshrined in the law.
- It is a desirable objective: the low-carbon transition improves the quality of life (quality of the environment, health, etc.) and is positive for employment without altering economic growth.

### **Carbon footprint**

This refers to the emissions associated with the consumption of the French people as a whole, including those related to the production and transport of imported goods and services.

# The SNBC sector-based guidelines GHG

### **BUILDING SECTOR**

**GHG EMISSIONS REDUCTION TARGETS** COMPARED TO 2015 2030: -49% 2050: Complete decarbonisation

#### HOW?

AGRICULTURE

**COMPARED TO 2015** 

2030: -19%

HOW?

2050: -46%

to a minimum.

to the French economy

and reduce food waste.

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 Use the most suitable carbon-free energy sources for each type of building.

 Improve the energy efficiency of buildings (shell and equipment): new environmental regulations for new buildings in 2020 and for the renovation of tertiary buildings; 500,000 renovations per year for the existing fleet, targeting energy sieves.

• Encourage behavioural shifts for more moderate use.

GHG EMISSIONS REDUCTION TARGETS

• Develop agro-ecology, agro-forestry and precision agriculture, in particular

to reduce surpluses of nitrogen fertilizers

• Develop the bio-economy to provide energy and materials that emit less GHG

• Change the demand for food (better

quality or organic products, taking into

account nutritional recommendations)

It is a natural ecosystem (forests, agricultural land, etc.) or artificial system that captures a significant amount of

• Promote construction and renovation products and equipment with a lower carbon footprint (from the circular economy or bio-based) and high energy and environmental performance throughout their life cycle.

### **TRANSPORT**

GHG EMISSIONS REDUCTION TARGETS COMPARED TO 2015 2030: -28% 2050: Complete decarbonisation

(with the exception of domestic air transport).

#### HOW?

• Improve the energy performance of light and heavy vehicles, with a target of 41/100 km in 2030 for private combustion vehicles.

• Decarbonize the energy consumed by vehicles and adapt infrastructures to reach 35% of sales of new electric or hydrogen-powered passenger cars in 2030 and 100% in 2040.

· Control the growth in demand for transportation by promoting telecommuting, car sharing, short routes and optimising the use of vehicles.

• Encourage a shift towards the least emitting modes of passenger and freight transport (public transport, train) and support active modes (cycling, etc.).

#### FORESTRY AND SOILS ΑïΑ^

### GOAL

2050: maximising carbon sinks (sequestration in soils, forests and wood products)

HOW?

 Increase carbon storage in agricultural soils through changes in practices.

 Develop active and sustainable forest management, allowing both the adaptation of the forest to climate change and the preservation of carbon stocks in the forest ecosystem.

• Expand afforestation and reduce land clearing.

 Maximise carbon storage in wood products and the use of wood products for long-life uses such as construction,

Reduce land take (soil artificialisation)

# **PRODUCTION OF ENERGY**

**GHG EMISSIONS REDUCTION TARGETS COMPARED TO 2015** 2030: -33% 2050: Complete decarbonisation

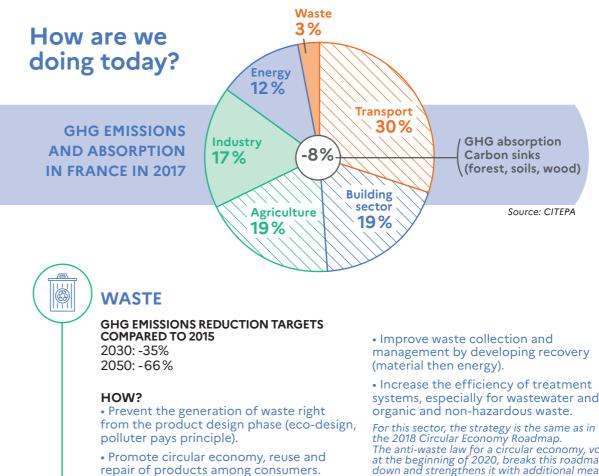
### HOW?

 Managing energy demand through energy efficiency and moderation.

• Decarbonizing and diversifying the energy mix, in particular through the development

of renewable energies and the phasing-out of coal in power generation (from 2022) and heat production.

The evolution of the energy mix and the energy efficiency objectives are determined in the Multi Annual Energy Plan (PPE). The PPE is based on the same baseline scenario as the SNBC and is compatible with its guidelines.



## THE SNBC ALSO INCLUDES GOVERNANCE GUIDELINES AND CROSS-CUTTING GUIDELINES

National and territorial governance



What is a carbon sink?

carbon dioxide (CO2)





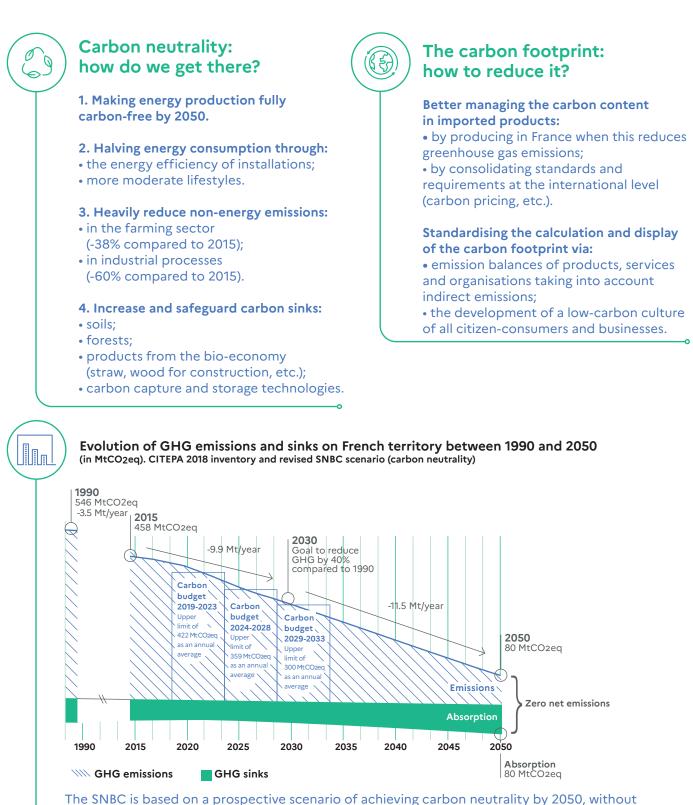






systems, especially for wastewater and

the 2018 Circular Economy Roadmap. The anti-waste law for a circular economy, voted at the beginning of 2020, breaks this roadmap down and strengthens it with additional measures.



The SNBC is based on a prospective scenario of achieving carbon neutrality by 2050, without making any technological bets. This makes it possible to define a credible path for the transition towards this objective, to identify technological obstacles and to anticipate innovation needs.

FIND OUT MORE ecologique-solidaire.gouv.fr/snbc

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