

Progress on the French Industry Report

Alliance HQE-GBC

BuildingLife

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National Climate Strategies: RE2020

- France's **environmental regulation for all new buildings**, in force since **January 2022**.
- It aims to reduce both **embodied and operational emissions**, ensuring that future constructions contribute to national carbon neutrality objectives.
- RE2020 introduces a **life-cycle assessment (LCA)** approach based on data from the **official INIES database**, with **progressive performance milestones** set for **2022, 2025, 2028, and 2031**.

Key Targets:

- Limit **construction-related emissions**
- Reduce **energy-related GHG emissions**
- Encourage **low-carbon materials** and **renewable energy sources**
- Limit **thermal discomfort** during heatwaves

Relevance to Industry Report:

- Provides the **regulatory framework** guiding building sector decarbonization
- Offers an **official benchmark** for evaluating industry progress
- Supports alignment between **industry actions** and **national climate targets**



National Climate Strategies: SNBC

- France's **national low-carbon strategy**, first adopted in **2015** under the *Energy Transition for Green Growth Act*.
- Defines **sectoral reduction targets**, **carbon budgets**, and **intermediate milestones** across all major sectors, including buildings.
- The **current version (SNBC-2)** was adopted in **2020**, with an updated **SNBC-3** under development.

Buildings in the Strategy:

- Priority sector due to their large share of national emissions
- Targets **near-zero operational emissions by 2050**

Key Measures:

- Large-scale renovation to **Bâtiment Basse Consommation (BBC)** standards
- **Decarbonization of heating systems**
- **Deep retrofits** emphasizing energy savings
- Alignment with **RE2020 requirements**



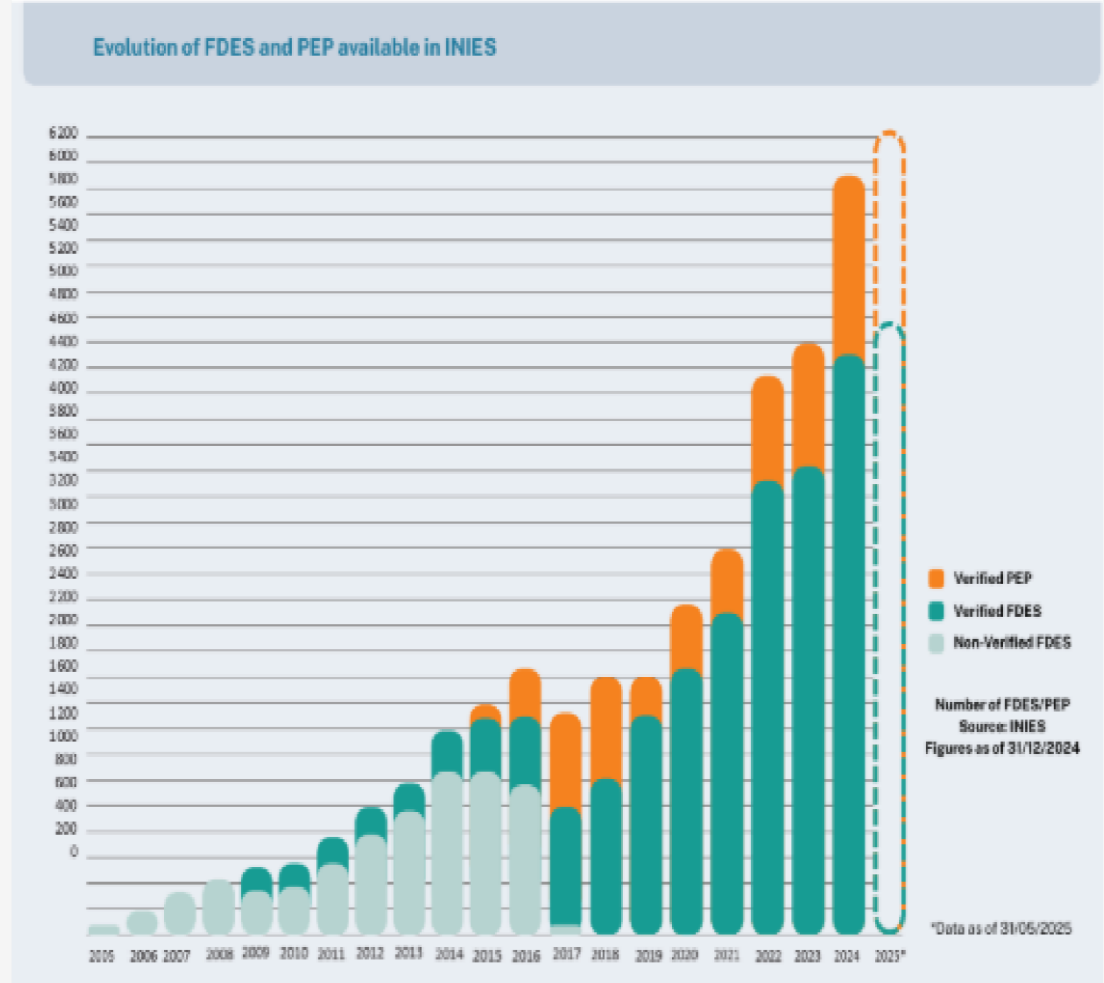
Relevance to Industry Report:

- Provides the **strategic foundation** for France's climate and energy policies
- Serves as the **reference framework** for sectoral actions, including the RE2020 regulation
- Helps contextualize industry progress within France's **2050 carbon neutrality trajectory**

INIES – National EPD Database



- Managed by Alliance HQE-GBC since 2012
- Provides verified environmental data for building products & equipment
- Contains FDES, PEPs, and DEDs → used to model building carbon footprint
- Anchors analysis in official RE2020 requirements
- Supports transition to low carbon construction



Rivatton Report

Purpose: Assess RE2020 feasibility, economic stability, and housing impacts

Positive impacts:

- Encourages low carbon innovation and energy efficiency
- Demonstrates progress towards 2025 & 2028 targets

Challenges:

- Rising construction costs
- Climate adaptation gaps
- Data gaps and LCA methodology challenges

Recommendations from the Report:

- Maintain the Timeline (2025, 2028, and 2031 RE2020 milestones)
- Improve Data and Methodologies
- Support Innovation and Training



Relevance for Industry Report:

- Shows why **reliable monitoring and data tools like INIES** are crucial
- Provides context for tracking industry progress and addressing gaps

Decarbonization Roadmaps

- Focused on **prominent actors**: Saint-Gobain, Lafarge-Holcim, Vinci, Bouygues, Nexity, Unibail-Rodamco
- Show how companies are **putting decarbonization strategies into practice**
- Highlight **dominant levers** across the sector:
 - Low-carbon materials
 - Energy efficiency (new & renovated buildings)
 - Circular economy practices (reuse, waste minimization)
 - Renewable energy integration
- Helps **identify sector-wide trends and gaps**
- Support Alliance HQE-GBC in **guiding and assisting industry actors** toward SNBC goals



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