



MINISTÈRE DE LA TRANSITION ÉNERGÉTIQUE

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RECENT RESULTS OF THE FRENCH WHITE CERTIFICATES SCHEME

EUROPEAN WORKSHOP OF THE ENSMOV PLUS' PROJECT 07/12/2023

SUMMARY

- **FRENCH WHITE CERTIFICATE SCHEME :**
 - GENERAL OVERVIEW
 - A MAJOR SCHEME FOR REDUCING ENERGY CONSUMPTION
 - RECENT RESULTS (P4 : 2018 – 2021)

GENERAL OVERVIEW

Country: France

Starting date: 2006

Current period: 2022-2025 (P5)



WHO

Management of the scheme:

- Ministry for Energy Transition, with a dedicated unit (PNCEE) for administering the scheme.
- technical support from ATEE (Association Technique Énergie et Environnement) and ADEME (French energy agency)

Obligated parties:

- About 120 energy suppliers (including for fuel transportation)

Other key stakeholders:

- Eligible parties
- Contractors for the registry and trading platform

WHAT

- Actions eligible in **all end-use sectors**, under performance and/or quality requirements : building, industry, transportation, agriculture, etc.
- Sub-target related to **energy poverty**
- Certificates' unit = kWh cumac (**lifetime-cumulated and discounted**)

HOW

- Catalogue of 218 **standardised actions**
- **Specific actions** monitored with energy audits
- **Accompanying programmes**

Files to apply for white certificates are submitted on an **on-going basis** + certificates **credited at once** for whole action lifetime

Recent M&V developments

Since 2019 : annual plan of controls defined by PNCEE

- Control implemented by PNCEE
- In 2022 : 6 400 onsite controls, 380 000 questionnaires, budget of 5 M€

Obligated parties also required to control a minimum rate of their standardised actions before submission

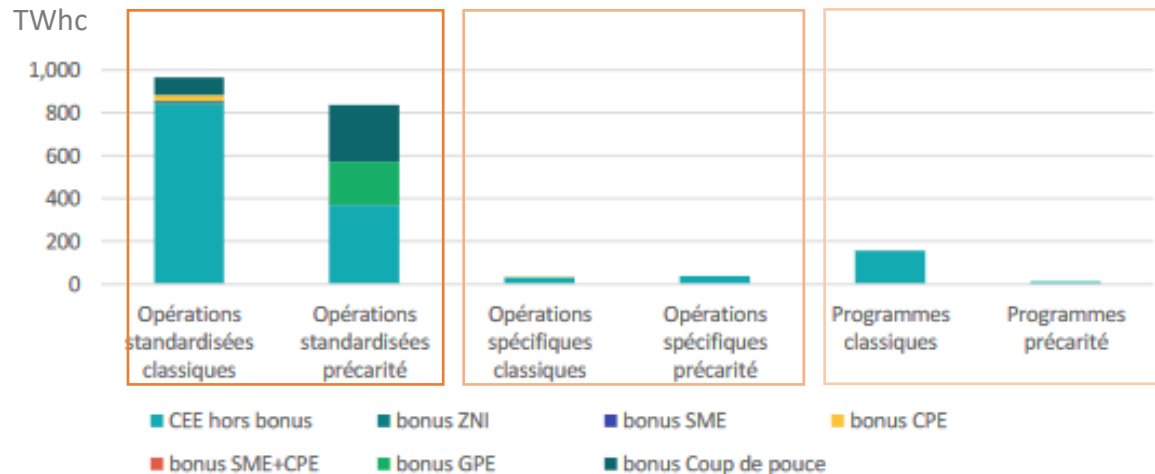
Data about costs and benefits

- White certificate scheme : ~ € 4 - 5 billion/yr
- Certificate price : ~ 7 – 9 €HT / MWh
- EED art. 8 : claim for 24 TWh in 2021

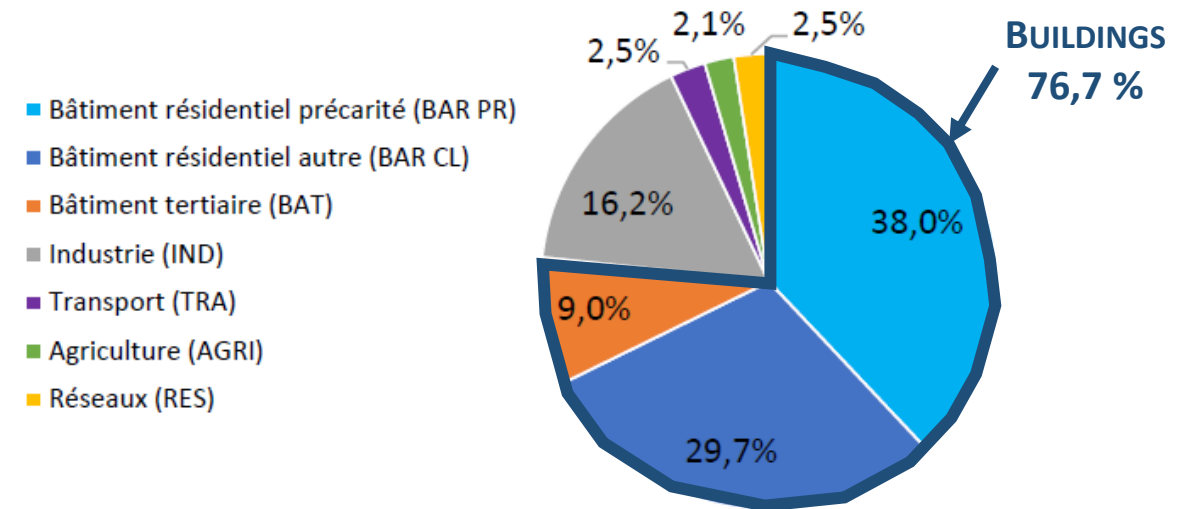
Recent results

Total of 2 013 TWhc delivered for the 4th period :

- 88,1 % : standardized operations
- 3,6 % : specific operations
- 8,4 % : programs



Delivered certificates per sector for the 4th period (standardized & specific operations)



A MAJOR SCHEME FOR REDUCING ENERGY CONSUMPTION

The Energy Efficiency Directive 2023/1791/EU (EED)

A national framework for energy transition

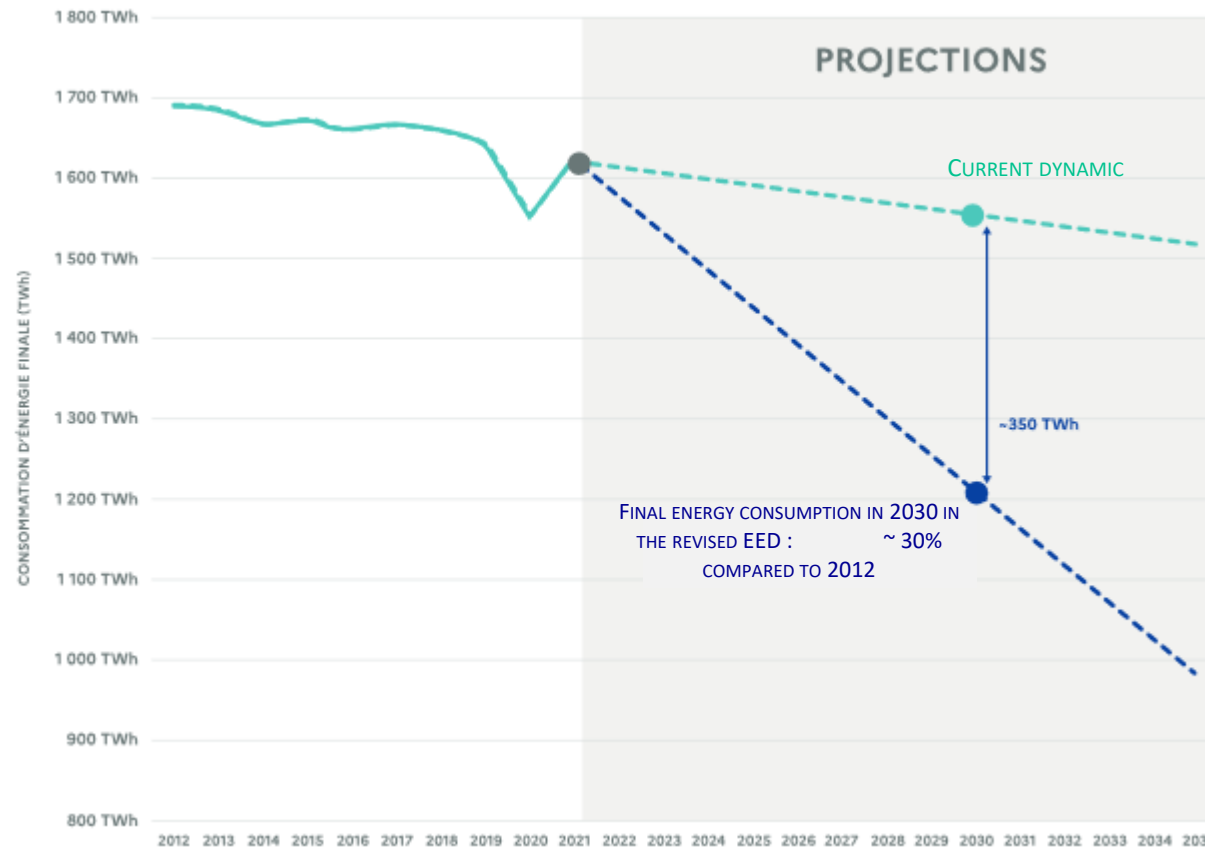
- **Energy efficiency Directive (EED) :**
 - Revised EED published in Sept. 23 : leads to more ambitious targets across EU : reduction of the energy consumption, deep renovation for the public sector, etc.

- **A wide range of policies and schemes in France to reach EED objectives :**
 - **Cross-sectoral approach**
 - **Energy saving certificates (CEE): ~ EUR 4-5 billion/year (budget increases with time)**
 - Ecodesign of equipment, ecodesign and energy labelling (EU regulation);
 - Information and awareness campaigns : ecogestures, one-stop shop, etc.

 - **Sectoral approach**
 - **Buildings** : Regulations (new, old, passive, tertiary), long-term renovation strategy (DPEB), renovation schemes (MaPrimeRénov', EcoPTZ, reduced rate VAT,...), Energy Performance Diagnosis (DPE), trainings for professionals (RGE certification), etc.
 - **Industry**: Energy audits, Bpifrance eco-energy loans, ADEME decarbonation fund (France Relance), heat fund (ADEME)
 - **Transport**: Regulation (Euro standards), taxation (vehicles and fuels), vehicle conversion bonus, bike development, etc.

The Energy Efficiency Directive 2012/27/EU (EED) *Need for a huge reduction of energy consumption*

Final energy consumption
(TWh)



Source : Consultation – Stratégie française pour l'énergie et le climat – Novembre 2023
https://www.ecologie.gouv.fr/sites/default/files/23242_Strategie-energie-climat.pdf

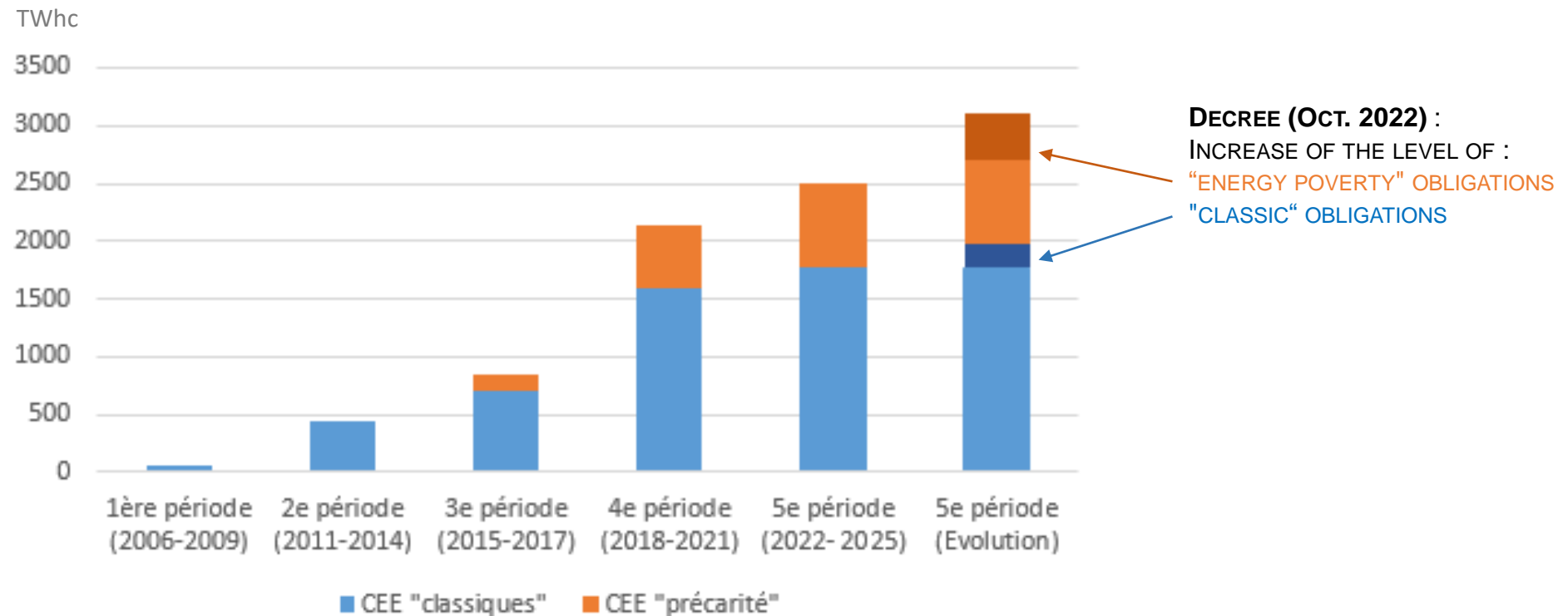
RECENT RESULTS : P4 (2018 – 2021)

White certificate scheme in France

Levels of obligation and energy poverty

- MAIN OUTCOMES :**

- Creation of the scheme in 2006
- Constant increase of the obligation level over the 5 periods
- Introduction of « energy poverty » certificates for greater social impacts (~30 % in P5)



White certificate scheme in France

3 options for getting certificates

- **3 OPTIONS FOR GETTING WHITE CERTIFICATES :**
 - **1 - Standardized operations :** 88 % of the delivered EEC in P4
 - **Catalog of standardised operation sheets :**
 - **Cross sectorial approach :** residential, tertiary, industry, agriculture, transport, networks
 - Sheets proposed by professional actors, **expertly assessed (ADEME, ATEE)**, submitted for debate, then ultimately validated by the administration
 - **2 - Specific operations :** ~4 % in P4
 - Case by case treatment by the national EEC cluster (PNCEE)
 - **3 - Programs :** ~ 8 % in P4
 - Support actions: information, training or innovation, etc.

218 standardized operation sheets
(June 2023)

Residential
building
58

Service
57

Network
8

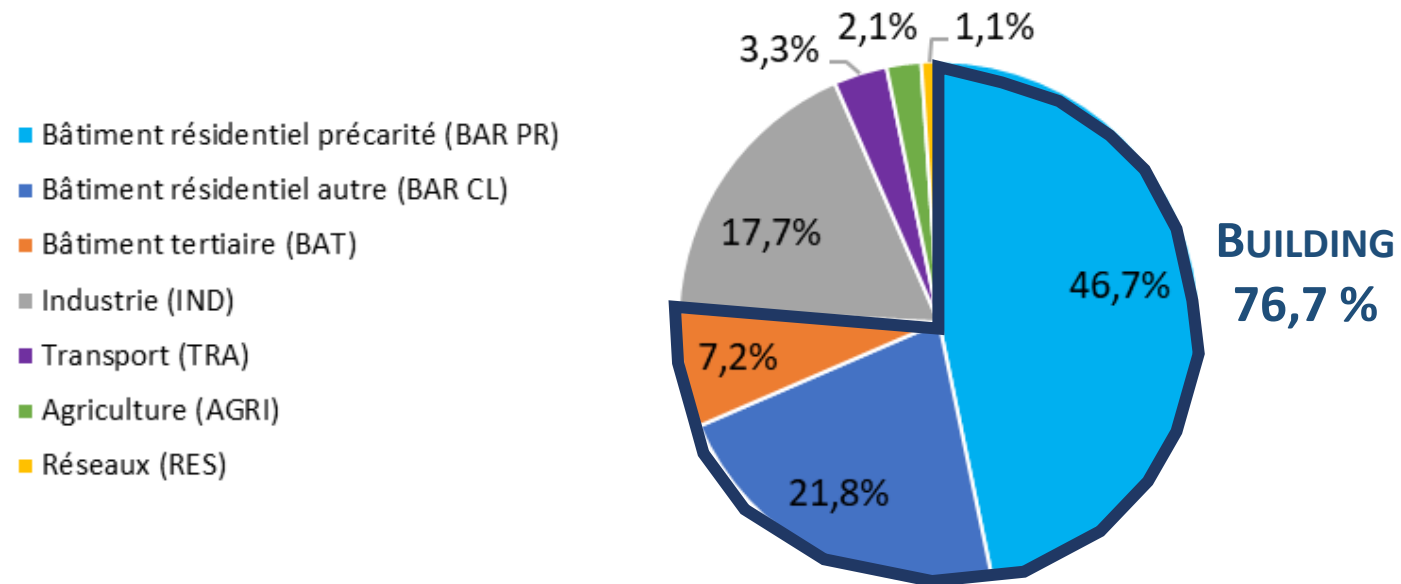
Agriculture
26

Industry
32

Transportation
37

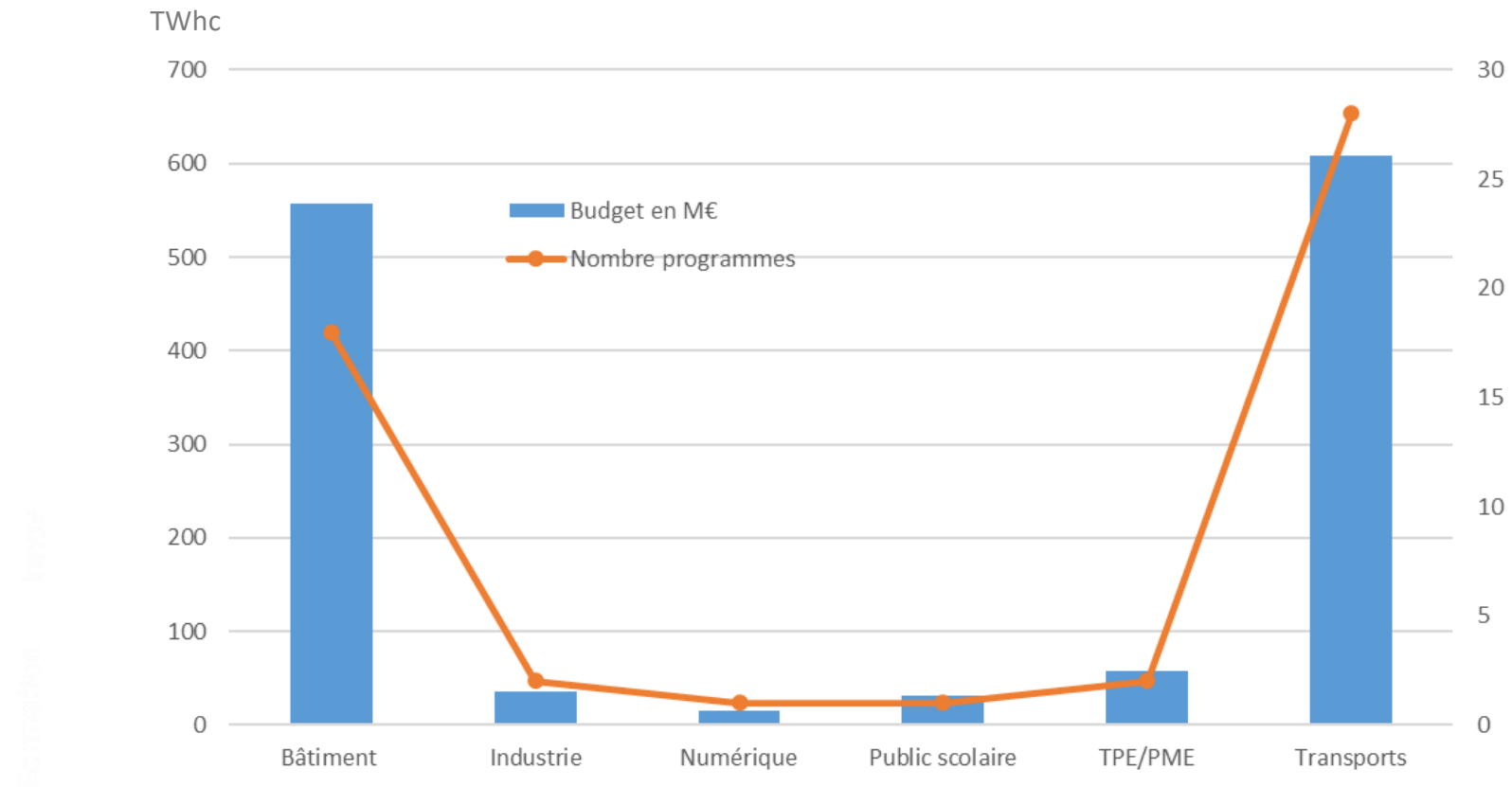
- **DELIVERED EEC : STANDARDIZED AND SPECIFIC OPERATIONS**

CEE issued in the 2018 – 2022 period for standard and specific operations (conventional and energy poverty)



- DELIVERED EEC : PROGRAMS**

- EE programs mostly related to building and transportation sectors in P4

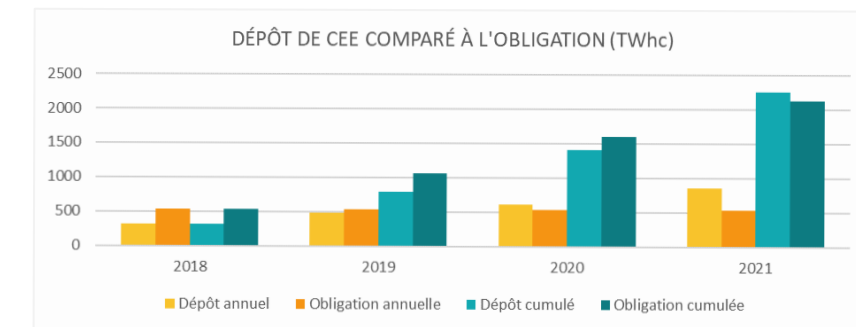
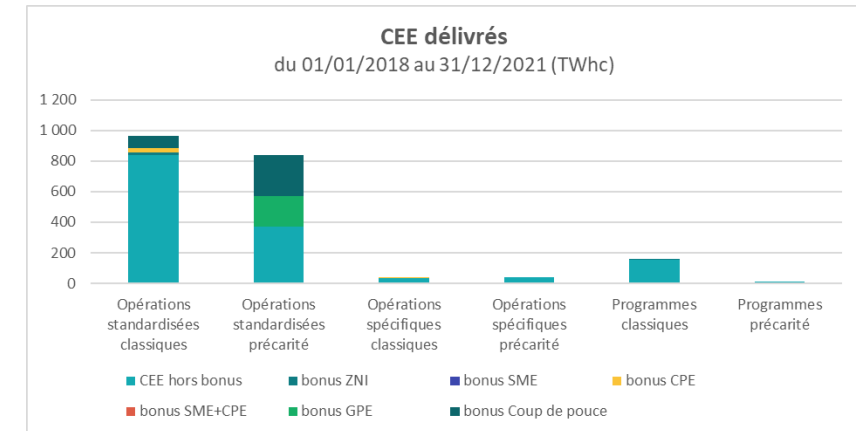
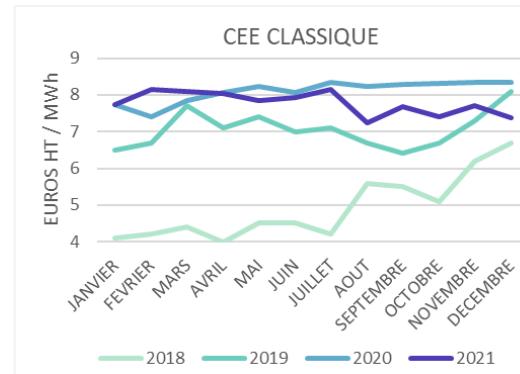


White certificate scheme in France

Results for P4 (2018 – 2021)

- Key figures of the 4th period report and available under:

<https://www.ecologie.gouv.fr/sites/default/files/VF%20CEE%20Bilan%20P4vIntegrale.pdf>



- News, data and ongoing projects :

<https://www.ecologie.gouv.fr/politiques/certificats-economies-denergie>



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THANKS FOR YOUR ATTENTION