National energy policies

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National Energy Policy

- Energy transition for green growth act: ambitious target
- Multiannual Energy Plan
- Climate Plan
- French Plan for biofuels
- Focus on advanced biofuels research projects in France
Energy transition for green growth act (adopted in August 2015): clear and ambitious goal

• 40% less greenhouse gas emissions in 2030 compared to 1990
• 30% less fossil fuel consumption in 2030 compared to 2012

- Increase the share of renewable energy sources to 32% of final energy consumption in 2030
- Reduce final energy consumption by 50% in 2050 compared to 2012
Provide citizens, companies and territories the tools to act together

Planning the energy transition with the involvement of all stakeholders

National low carbon development strategy

- Overarching and sectorial policies orientation with long-term visibility
- First strategy adopted in November 2015 for the 2015-2028 period

Multi-annual energy program (MEP)

→ reducing energy consumption
→ developing renewable energy sources

- First program adopted in S1 2016 for the 2016-2023 period
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Multiannual Energy Plan (MEP)

- MEP covers two periods of five years, except for the first MEP which covers two periods of three and five years (2016-2018; 2019-2023).
Multiannual Energy Plan (MEP)

**MEP results by 2023**
- Reduce energy consumption in the transport sector by 11.5%.

**Concrete initiatives**
- Put 2.4 million electric and hybrid vehicles on the road by 2023.
- Convert 3% of HGVs to natural gas by 2023, and increase the proportion of biogas to 20% of natural gas for vehicles by 2023.
- Setting new objectives for the incorporation of advanced biofuels and other raw materials.

**Update in 2018**
- The new MEP will be adopted at the end of 2018 at the same time as the new National Low Carbon Strategy.
- The MEP will define new targets for Renewable Energies for 2028: new objective for advanced biofuels (as defined in annex 9 part A ILUC / RED II).
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The Plan in a nutshell

- Inter-ministerial plan to increase the ambition of the government on climate change
- Consists of a set of actions that will be undertaken in the next 5 years
- Putting an end to fossil fuel energy and committing to carbon neutrality
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French plan for biofuels

Tool: mandatory incorporation under TGAP requirements

→ The 2005 Finance Act created a general tax on polluting activities (TGAP)
→ Distributors are exempt from the said tax if they incorporate a given amount of biofuels
→ If distributors have not purchased the amount of biofuels required for tax exemption, they may buy an incorporation certificate from another distributor who has incorporated the requisite amount

→ Consequently, fuel distributors are ready to pay higher prices for biofuels to comply with the mandatory incorporation target and not pay any penalties. This comes down to subsidising biofuel manufacturers.

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For 2018: 7.5% petrols and 7.7% diesel
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BioTfueL project

- 6 European partners

- The overall budget is 178.2M€ with public subsidies from ADEME and former conseil Régional Picardie (now conseil régional des Hauts-de-France) amounting 33.2M€.

- 2 demonstration plants have been built

→ The plant capacity is 3.0 t/h of torrefied biomass
FUTUROL project

- 11 French partners
- Pilot plant built in Pomacle (nearby Reims)
- Prototype 100 t/day facility was built in Tereos Bucy Le Long industrial site.
- The overall budget for this project is more than 90M€ with public support from Bpifrance amounting 30M€.

→ The project is now complete, final deliverables are under processing.
Thank you for your attention