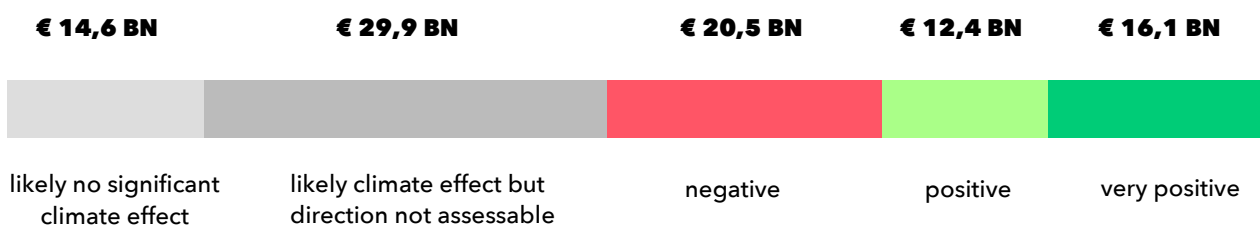


GREEN RECOVERY TRACKER REPORT: FRANCE

The French government presented 'France Relance', a large €93.4bn recovery package drawing on funding from both the domestic and EU budget, in September 2020.¹ French recovery measures currently add up to €93.4 bn or 4.1% of domestic GDP. Overall, French recovery measures make a moderate contribution to the green transition, as our analysis identifies the following spending shares:



In focus: Green Spending Share

We find that France's recovery measures overall achieve a green spending share of 23%, below the EU's 37% benchmark for national RRP. In contrast, 55% (€51.7bn) of all measures have a negative impact or are at least at risk of having a negative effect on the green transition.

Our calculation of the green spending share aims to mirror the approach used for the official assessment of national recovery plans, which distinguishes between measures contributing fully to the green transition (100% coefficient) and measures contributing partly (40% coefficient). Therefore, we fully count "very positive" measures towards the green spending share, while "positive" measures are weighted using a coefficient of 40%, which is applied to the associated costs. All individual assessments can be accessed via the country page on our website.

The recovery effort of the government covers three areas: Ecology, Competition and Cohesion. Especially the measures under the ecologic thread can be mostly indicated as 'green'. The overall vision of the recovery package can be described as future-oriented and aiming for an ecologic transition. But the measures themselves are not linked to legally binding acts. There are neither specific targets nor conditionalities given (e.g. reduction of CO₂-emissions in tons) and it is not evident how and on the basis of which criteria the funds are allocated.

OUR HIGHLIGHTS

Good Practice

Professional trainings to support the ecological transition

France is reinforcing training for the “strategic professions of tomorrow”, in line with strategic sectors (Digitalisation, Ecological transition, Industrial sectors concerned by the issue of economic sovereignty and the relocation of productions) and in line with the priorities of the recovery plan. The training activities in the three sectors considered strategic are receiving €25m in funding.

Bad Practice

Tax reductions without climate conditionalities

The government lowered production taxes (€20bn for two years), a measure that will continue after Covid-19 (i.e. as a €10bn/year cut). This measure did not initially include climate conditionalities, thus the issue was debated in the parliament following the publication of the plan. This led to an amendment with new obligations in terms of the environment, parity and social dialogue. However, companies will not be penalized if they fail to meet these obligations.

To Our Surprise

Drawing on previously agreed plans

About 25% of the measures included in the France Relance recovery budget were already announced before Covid-19. Furthermore, the program “France Relance” in reaction to the pandemic is not as ambitious as announced by the French Prime minister.

GENERAL CONTEXT

Before the crisis, the political debate in France was dominated by social and economic issues. The Yellow Vest protests which erupted in October 2018 over high fuel taxes turned into a revolt over living standards and sparked a “Grand Debat National” (a three-month exercise which took place from January to April 2019) which found that a majority of the French population were in favor of tax reforms.

Another challenge in France lies in addressing unemployment and reducing public debt and fiscal pressure, which led to proposed reforms to unemployment insurance and the pension system. In addition, there is a recurring debate in France around “degrowth” which crops up in many political debates. Immigration is a recurring issue which has constantly appeared in political debates. President Macron has faced public criticism in tackling all of these challenges, including through regular strikes and street protests. Public opinion on President Macron was at an all-time low at the end of 2018 after the Yellow Vest protests started, although it has steadily increased since.

Climate action has been high on the political agenda, with France seen as a champion on climate in the EU. Political debates focused on a coal phase-out by 2022, renewables expansion, reduced dependence on nuclear, financial aid for electric vehicles, building renovations and oil boiler conversions, as well as the agro-ecological transition and green public budgeting after France pioneered corporate and investor disclosures. In addition, France set out the creation of a “High Council for Climate” in mid-2019 and launched a “Citizens’ Convention for Climate” in late 2019.

Context indicators²	France	EU average
GDP (2019)	2419 bn €	
GDP (per capita, 2019)	41767 €	31130 €
Debt (% of GDP, 2019Q4)	98.1 %	77.6 %
Debt (% of GDP, 2020Q3, provisional)	116.5 %	89.8 %
Unemployment Rate (December 2019)	8.6 %	6.5 %
Unemployment Rate (August 2020)	9.0 %	7.7 %
Unemployment Rate (December 2020)	8.9 %	7.5 %
Real GDP forecast for 2020 ³	- 9 %	- 8.3 %
Real GDP forecast for 2021 ⁴	+ 5 %	+ 5.8 %
Total recovery spending	93.4 bn €	
EU recovery funding (grants only, provisional)	39.4 bn €	

KEY FOCUS AREAS OF THE FRENCH RECOVERY DEBATE AND THE RECOVERY PACKAGE

The framing for the recovery package was laid out by Prime Minister Jean Castex after President Macron announced a recovery plan in a speech on Bastille Day (14 July 2020). The government's announced priorities were to "maintain jobs" as a priority and "create jobs for young people" with "massive investments" in training. Another priority was to "support domestic industry and services", highlighting the over-dependence on imports. Prime Minister Castex also talked about "green growth" and tackling climate change. He also stressed that pension reforms were necessary but would be negotiated in the future.

The political debate on the response and recovery measures in advance of the government's announcement first focused on support for struggling businesses and low-income households. The debate then expanded to improving industrial competitiveness, diversifying supply chains, relocating strategic production centres and turning the ecological transition into a lever of the recovery. The debate also focused on the extent to which different sectors and major companies should receive support, with President Macron announcing his intention to rebuild French agricultural, health, industrial and technological independence.

Within the field of economic expertise, the debate was among others on a disagreement whether it was acceptable to let companies with a fossil-fuel economic model go bankrupt during the pandemic ("good riddance") or whether they should be bailed out, protect their jobs and be transformed over several years. The second stance was mostly adopted, on the basis that it was unacceptable to see thousands of job losses during a crisis year.

With an announced budget of €100bn over two years (2021-2022), the recovery package is on par with what most observers expected, though the climate community criticises that the measures are mostly calibrated on the second carbon budget of the national low-carbon strategy, which is a rather timid first step towards France's GHG mitigation ambition since it commits to just a 40% emissions reduction by 2030.

The objectives are to bring economic activity back to its pre-crisis level in two years, and by doing so lowering unemployment rates and improving competitiveness. The government plans to finance 40% of the recovery plan through the EU budget. During the parliamentary debates on the 2021 budget, members of the parliament were divided over how to achieve the goal of a green transition and spent hours debating the green strings that should be attached to state aid from the recovery plan. The "ecological transition" (including biodiversity, climate and environmental pollution) is one of the three key pillars of the plan, with €30bn earmarked for

greening the economy, which was raised from an initial €20bn announced in the summer, after the government faced backlash from environmental groups.

The package's three pillars are:

- Ecology: €30bn public investment programme to help France meet its climate goals through a series of support measures for green sectors
- Competitiveness: a €20bn tax cut for French companies which, almost uniquely in Europe, have to pay levies according to the value added in their production on top of social charges and corporation tax
- Cohesion: €35bn is being earmarked for social and regional cohesion, the lion's share going to job protection, vocational training, apprenticeships and hiring subsidies

From a green transition perspective, the most controversial issue relates to the lack of conditionality on lower production taxes in the recovery plan and on the €15bn in financial aid that was provided to the automotive and aerospace industry in the summer. In addition, the exceptional car conversion bonus implemented in the summer remained eligible for fossil fuel cars.

The recovery plan was also criticised for a lack of resources mobilised for renewable energy, instead focusing on a moderate level of support for nuclear energy and substantial support for hydrogen, including non-renewable forms.⁵ The credibility of green investments has been questioned given the lack of conditionalities and the lack of visibility regarding the additionality of investments and their continuity after the 2 years of implementation.

FINANCING AND ADDITIONALITY OF FRANCE'S RECOVERY PACKAGE

The government anticipates that it will take on €345bn in new debts in 2020, and a further €282bn in 2021, to finance its crisis response and recovery measures. The recovery plan 'France Relance' (€100bn) calculates with €37bn from the EU recovery package. A large part of this EU money flows into projects labeled under the category "ecological". According to our analysis, the French recovery package might be reaching a share of 37% of investments supporting the green transition, as requested under the EU recovery facility. More details on specific measures might increase or decrease the share of green measures.

Nonetheless, the recovery package lacks clarity regarding the additionality of investments compared to existing measures and previous announcements made by the French government. About 25% of the measures included in the recovery budget were already announced before Covid-19. So, the additional domestic funding which has been mobilised by

the French government is just about 35% of the package (equivalent to around €35bn). Questions also remain on how the continuity of investments will be ensured after the 2-year period of implementation and whether the package will represent a sustained and increased effort.

GOVERNANCE OF THE RECOVERY PACKAGE

The recovery package contains 'green' indicators under some measures, but these are not backed by specific targets. In addition, there are no general environmental and social conditionalities attached to the measures. The recovery package does not include a specific governance for the achievement of climate-related goals. However, there is a dedicated "follow-up" committee ('comité de suivi') which will define implementation and impact indicators to monitor each measure, in which NGOs are invited to comment along with other stakeholders.⁶ But it is unclear how much coordination this committee will achieve.

However, the green measures stem from the national low-carbon strategy or 'Strategie Nationale Bas-Carbone' which is backed by evaluations (albeit against "normal" economic conditions) and contains a vast set of indicators to assess whether the economy as a whole is progressing towards emission reductions.⁷ Each measure is therefore implemented within the existing sectoral framework of performance assessment. In addition, French climate legislation is supported by an extensive governance system, including through a High Council for Climate (HCC) and an Ecological Defense Council. There is potential for these to play a role in the climate governance of the recovery package.

The HCC published a report in December 2020⁸ which is challenging the government's assessment by taking a more stringent definition of what constitutes climate-friendly spending, thus reducing the share of the recovery plan dedicated to climate objectives:

More specifically, the HCC is reacting to the government's own climate spending assessment, which was published in September 2020 along with the budget bill. That assessment was led by the Inspection Générale des finances (IGF), a team within the Ministry of finance. While the national budget bill draft issued by the government ("projet de loi de finances" (PLF)) claims that €30.6bn are "climate favorable" and €69.6bn are "climate neutral", the HCC however, comes to the conclusion that €27.7bn are "climate favorable" and €70.4bn are "status-quo" (the remaining €2.1bn are uncertain). The HCC argues that there is no "neutral" spending and moreover, "status-quo" spending, although not fossil, could still create lock-in.

NOTEWORTHY SHORT-TERM LIQUIDITY AND STATE AID DECISIONS (“COMPANY BAIL-OUTS”)

In March 2020, France announced in response to the hard lock-down of the economy €45bn in direct tax breaks and direct state payments for the country’s businesses in addition to €300bn of loans. At least €21.1bn in public financial support for sectors which have a direct impact on GHG emissions had been adopted in the first months of the crisis. This does not include the €20bn in recovery funding for the ecological transition announced by the French Prime Minister in July 2020.

Direct support measures for sectors which are key to the energy transition amounted to €3.3bn. These cover the reinforcement of the ecological bonus for electric or plug-in hybrid vehicles, financial support for the pilot plant for the manufacture of electric batteries, a bicycle plan, support for R&D for a carbon-neutral plane and an increase in the allocation to support local investment in the fields of energy transition and health.⁹ In contrast to support for fossil fuel-intensive sectors, energy transition support measures are based solely on direct investment and subsidies.

The larger share of the public financial aid has gone to high-emission sectors, amounting to €17.8bn. Almost 75% of this aid is in the form of guaranteed loans or cash advances. This is particularly the case for the €7bn in state-guaranteed loans and cash advances for Air France-KLM. A share of 17% are green measures that are needed for research and development of greener airplanes as well as for the diversification, modernisation and green transformation of assembly lines. Moreover, an €8bn bailout was put forward for the auto industry including €5bn in state-guaranteed loans for Renault and other support measures for the automotive industry (including a conversion bonus to which some internal combustion vehicles are eligible), or the postponement of the withdrawal of tax breaks for non-road diesel. The loans have three conditions: the companies must commit to increasing their focus on electric cars; they must “respect” their subcontractors; and they must relocalise “technologically advanced” activities to France.

Out of this €17.8bn, €13.8bn is conditional on environmental requirements. Yet what these conditions imply more concretely has not been announced and these requirements remain very vague: they do not include legally binding commitments and most of them are insufficiently detailed. For example, the Air France-KLM rescue plan includes the reduction of short-haul domestic flights on routes where rail alternatives exist, but specific goals have not yet been

published. The Minister of Finance, Bruno Le Maire, has underlined that all state aid to companies must be oriented towards decarbonizing the French economy and improving its competitiveness. Public debate has concentrated mostly on the latter.¹⁰

DEEP DIVE: THE MOST IMPORTANT RECOVERY MEASURES AND HOW WE ASSESS THEM

The most important measures with an effect on the green transition are:

- A permanent cut of the production taxes (€20bn), which we assess as negative as such generalised incentives granted without any environmental or social conditionality could support the recovery of environmentally harmful activities.
- A number of measures to support the building sector, e.g. renovation of public buildings (€4 bn), energy retrofits of private buildings (€2bn) and energy renovation and heavy rehabilitation of social housing (€0.5bn), which we assess as positive as most of those measures include indicators such as reductions in energy consumption and greenhouse gas emissions.
- €4.7bn earmarked for the development of the rail industry, along with €1.9bn to support the purchase of green rail vehicles which we assess as very positive since this could help accelerate the transition in the transport sector, the largest source of emissions in France.
- A Future Investments Program: Innovating for the Green Transition (€3.4bn) which will support green innovation projects selected through competitive procedures, that can be carried out by companies, laboratories, communities, often in collaboration with each other. The clear green focus of the programme as well as the inclusion of an indicator of tons of CO₂ saved leads us to a very positive assessment.
- A package on the decarbonisation of industry (€1.2bn) that aims to improve energy efficiency, improve manufacturing processes, particularly through electrification, and decarbonize heat production. We see this a very positive measure as the objective is to support the sites identified as the highest emitters (particularly in the cement or oil and gas sectors or metallurgy) in order to significantly and rapidly reduce French greenhouse gas emissions.
- Developing a green hydrogen industry in France (€2bn), which we assess as positive as the strategy is committed to green hydrogen. However, the plan leaves the door open

for non-renewable hydrogen, whereas renewable energy received little attention in the package overall.

- “New Climat products from Bpifrance”^a (€2.5bn) aims to support the emergence and growth of greentechs, i.e. any solution, mainly technological, that allows to fight against global warming, water, air and soil pollution and contributes to the preservation of natural resources. Saved emissions are being tracked. We assess this measure as very positive.

The package furthermore contains a significant number of measures that do not directly relate to the green transition but are still important and potentially transformative, such as:

- Partial activity (€6.6bn) was the Government's response to support employees and employers during the containment period. After a reform in March, aimed at moving from a flat-rate approach to a proportional approach, partial activity is now being adapted to the stimulus package to give employees and employers greater visibility.
- A health investment plan (€6bn) over 3-5 years to finance structural investment priorities in the health and medico-social sectors as well as in the digital health sector.
- Support for local authorities (€4.1bn) which aims both to support the operating revenues of communities faced with the consequences of the crisis and to contribute to their investments.

IMPORTANT CLIMATE POLICY DECISIONS TAKEN DURING THE CRISIS AND RECOVERY PERIOD

A number of climate strategies were published during the crisis. The key summary of the national low-carbon strategy ‘Strategie Nationale Bas-Carbone’ published in April 2020 acts as a climate neutrality roadmap which will be renewed every five years. The Citizen’s Convention for Climate published 149 proposals in June 2020. President Macron initially backed almost all of the proposals, some of which involve substantial investments and subsidies but would also generate new tax revenues. The tax proposal on corporate dividends is one of those which were rejected by Macron. Furthermore, he is now rolling back on the measures and received calls in October 2020 to reaffirm his commitment. No important environmental and social

^a Bpifrance is a French investment bank set up as a joint venture of two public entities.

regulations were weakened during the crisis, instead a number of positive climate measures were introduced during the crisis.

ANNEX: MOST IMPORTANT MEASURES OF THE RECOVERY PACKAGE BY SECTOR

Sector	Most important measures with effect on green transition
Energy	<ul style="list-style-type: none"> • Developing a green hydrogen industry in France. (€2bn, positive) • Support for the nuclear sector. (€0.2bn, negative) • Modernization of waste sorting, recycling and recovery centers (€0.27bn, very positive)
Mobility	<ul style="list-style-type: none"> • Everyday mobility: developing a bicycle plan and public transportation projects. (€1.2bn, very positive) • Implementation of a support plan for the railway sector (€4.7bn, very positive) • Support plans for the aeronautics and automotive sectors (€1bn, positive) • Help with the purchase of a clean vehicle as part of the automobile plan (bonus, CAP, top-ups) (€1.9bn, positive)
Industry	<ul style="list-style-type: none"> • Decarbonisation of industry (€1.2bn, very positive) • Lower production taxes (€20bn, negative) • Strengthening the equity capital of VSE/SMEs and ETIs (€3bn, likely climate effect but direction not assessable) <p>Furthermore, there are significant overlaps with measures in other sectors (e.g. hydrogen projects, transformation of the automotive industry)</p>
Buildings	<ul style="list-style-type: none"> • Energy retrofit of private buildings (€2bn, positive) • Renovation of public buildings (€4bn, positive) • Ecological transition and energy renovation for VSE/SMEs (€2bn, positive)
Agriculture	<ul style="list-style-type: none"> • Accelerate the agro-ecological transition to a healthy, safe, sustainable, local and quality food for all. (€0.4bn, very positive)
Cross-cutting	<ul style="list-style-type: none"> • Future Investments Program: Innovating for the Green Transition (€3.4bn, very positive)

This report was written by Helena Mölter (Wuppertal Institute) and Sara Dethier (E3G). We are grateful to Hadrien Hainaut (I4CE) and Felix Heilmann (E3G) for providing valuable inputs.

REFERENCES

¹ Government of France (2020). France Relance [*While the official documents of “France Relance” claim that the plan is worth €100 bn, the sum of all added measures is €93.4 bn*]

² Eurostat; European Commission (2020). European Economic Forecast Summer 2020; European Commission (2020). Recovery and Resilience Facility - Grants allocation per Member State; own analysis

³ Banque France (2020): Macroeconomic projections - December 2020

⁴ Banque France (2020): Macroeconomic projections - December 2020

⁵ RAC (2020). Un plan de relance vert pâle

⁶ Economy and Finance Ministry (2020). Bruno Le Maire a présidé la première réunion du Comité de pilotage du plan de relance

⁷ Observatoire Climat-Énergie (2020). Où en est la France?

⁸ HCC (2020): France Relance: Quelle contribution A La Transition Bas-Carbone (2020). Rapport. France

⁹ I4CE (2020). France: €18bn for fossil fuels energy since the beginning of the crisis

¹⁰ See also Energy Policy Tracker (2020). France