



# Committing To A Cleaner Future

## RELATED SDGS GOALS



## SDGS 169 TARGETS

Goal 12. Ensure sustainable consumption and production patterns

## PRIMARY COUNTRY

USA

## OTHERS

Global footprint



## 1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In September 2018, United Airlines became the first U.S. airline to publicly commit to reducing its carbon emissions 50% by 2050. It will meet this commitment through various investments including expanding the use of sustainable aviation fuels, incorporating more fuel-efficient aircraft into its fleet, and implementing further operational changes to better conserve fuel. United is the first airline to use sustainable aviation fuel on an ongoing basis – sourcing millions of gallons of biofuel for flights today from Los Angeles – and plans to purchase nearly 1 billion gallons of biofuels as part of the largest biofuel agreement in aviation history.

## 2 IMPACT ON SOCIETY

- (1) Reducing carbon emissions contributing to climate change
- (2) Providing a critical service in transportation with less carbon emissions per mile traveled
- (3) Investing in sustainable aviation fuel innovations as a leader in the industry that others will follow

### URL

<https://hub.united.com/united-cleaner-future-emissions-biofuel-2604671268.html>



### URL

<https://hub.united.com/united-launch-flights-sustainable-biofuel-2567373100.html>





# Committed to support the United Nations' Sustainable Development Goals



## RELATED SDGS GOALS



## PRIMARY COUNTRY

France

## OTHERS

EMEA, Americas, APAC

Paribas has already dedicated €15.6bn financing for Renewable energies and is ahead of its initial target of €15bn by 2020.

BNP Paribas is the first banking actor to have proposed a yearly indicator related to SDGs, which methodology was built jointly with an external party. It notably measures the proportion of loans making a direct contribution to attaining the SDGs.

Gender equality, one of the 17 UN Goals, is at the heart of BNP Paribas' company engagement strategy. Our commitment to fighting gender bias has been once again reinforced by our CEO Jean-Laurent Bonnafé becoming a HeForShe Thematic Champion in 2018.

These commitments were recognized by the industry in 2018 with BNP Paribas being awarded the Euromoney Award for Excellence 2018 as World's Best Bank for Sustainable Finance while ranking at #3 in Bloomberg league tables for Green Bonds.

## 1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

**A**t BNP Paribas, we have made the seventeen UN Sustainable Development Goals part of our corporate objectives, because we consider that large companies must contribute to a more equitable and ecological world.

The bank is promoting four pillars of corporate responsibility at the heart of its business: Financing the economy in an ethical manner, Developing and engaging our people responsible, being a positive agent for change and combating climate change.

In that context the group has put in place a large range of actions to support the SDGs, such as (1) the development of products with a positive impact, designed to assist both corporates and individuals, (2) the development of a robust environmental and social risk management framework, which sets mandatory criteria for the financing of several sectors, (3) being carbon neutral for its own operations since 2017 and supporting its customers' transition toward a low-carbon economy, (4) promoting financial inclusion, (5) the adherence to the most rigorous ethical standards and (6) promoting diversity and training.

These actions are underpinned by the Bank's strong commitment to support the energy transition. In that context, BNP Paribas has provided a total of €155bn (as of end 2017) to support the energy transition and the sectors considered as directly contributing to the SDGs. This commitment is expected to reach €185bn by 2020. This ambition is further strengthened in 2018 by the decision to stop financing shale gas / oil, oil from tar sands and gas and oil in the Arctic as well as Tobacco sector. Furthermore, BNP

## 2 IMPACT ON SOCIETY

**B**NP Paribas wants to have a positive impact on society at large and to contribute to build a more sustainable world, through for instance its actions to finance proactively the green economy and social entrepreneurship, and its promotion of human rights and high standards of ethics.

### URL

<https://group.bnpparibas/en/hottopics/global-goals>



### URL

<https://group.bnpparibas/en/press-release/bnp-paribas-group-results-31-december-2018>



### URL

<https://group.bnpparibas/en/group/corporate-social-responsibility>







# Development of Fuel Cell Electric Vehicles, “Ideal Eco-Cars”



## RELATED SDGS GOALS



## PRIMARY COUNTRY

Japan, United States, United Kingdom, Norway, Netherlands, Germany, Denmark, Sweden, Belgium, France, Switzerland

## OTHERS

Canada, Australia, Argentina, China

## 1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

**F**CEV is an ideal eco-cars which discharges only water. Toyota uses its hybrid electric vehicle technology as core technology for FCEVs. In addition to excellent environmental credentials, FCEV provides fun to drive, convenience, and performance. MIRAI can be also used as a generator during disasters.

Hydrogen can be produced from a wide range of primary energy sources, and stored as hydrogen for power supply. FCEV is an ideal eco car if combined with renewable energy sources.

## 2 IMPACT ON SOCIETY

Contributing to

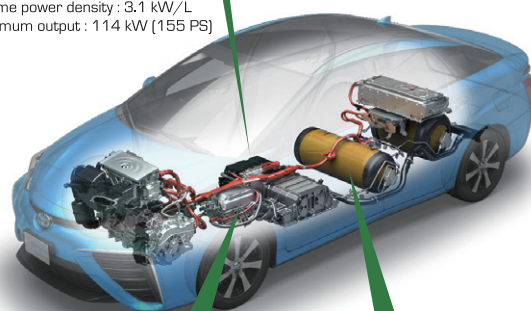
- Emission reduction by diffusion of FCEVs
- Energy diversification
- Effective utilization of renewable source energy by converting the electricity generated to hydrogen, it can be stored and easily transported to meet demand

### Fuel cell stack

Toyota's first mass-production fuel cell, featuring a compact size and world top level output density.  
Volume power density : 3.1 kW/L  
Maximum output : 114 kW (155 PS)

MIRAI

Toyota Fuel Cell System (TFCS)



### Fuel cell boost converter

A compact, high-efficiency, high-capacity converter newly developed to boost fuel cell stack voltage to 650 V. A boost converter is used to obtain an output with a higher voltage than the input.

### High-pressure hydrogen tank

A compact, high-efficiency, high-capacity converter newly developed to boost fuel cell stack voltage to 650 V. A boost converter is used to obtain an output with a higher voltage than the input.

## URL

[https://www.toyota-global.com/innovation/environmental\\_technology/fuelcell\\_vehicle/](https://www.toyota-global.com/innovation/environmental_technology/fuelcell_vehicle/)





# En+ Group Program for Modernization of Hydropower Plants (HPPs) in the Eastern part of Russia

Krasnoyarsk Hydropower Plant.

## RELATED SDGS GOALS



## SDGS 169 TARGETS

13.1 Strengthen resilience to climate-related hazards & natural disasters  
7.2 Increase the share of renewable energy in the global energy mix  
9.1 Develop quality, reliable, sustainable & resilient infrastructure

## PRIMARY COUNTRY

Russia

## OTHERS

Not applicable

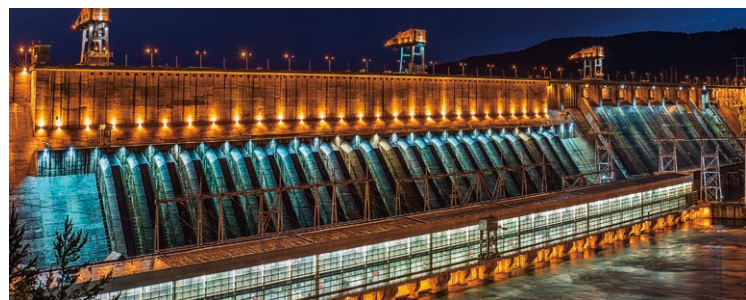
## 1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

The program includes changing in total 12 Runners out of 18 at Bratsk HPP in 2007 - 2017; 4 Runners out of 12 at Ust-Ilimsk HPP in 2013-2018; 4 Runners out of 12 at Krasnoyarsk HPP in 2016-2022; 3 Hydro Units out of 8 at Irkutsk HPP in 2017-2022. The innovative equipment allows more efficient water flow use increasing hydro power generation. It will help to partly substitute energy generated by local coal-fired plants and allow to further cut greenhouse gas emissions. The results are hydropower output annual growth: 2,25 GWh and greenhouse gas emissions reduction: 2.6 mt CO<sub>2</sub>.

## 2 IMPACT ON SOCIETY

Contributing to:

- energy diversification;
- more affordable and clean energy production;
- GHG emissions' reduction by substituting local coal-fired power generation with hydro power generation.



### URL

<http://eng.enplus.ru/>


### URL

For media: [press-center@enplus.ru](mailto:press-center@enplus.ru)

### URL

For investors: [ir@enplus.ru](mailto:ir@enplus.ru)





SNAM



CONFINDUSTRIA



ITALY

# Snam commitment to fight Climate Change

## RELATED SDGS GOALS



## PRIMARY COUNTRY

Italy

## 1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

In the Strategic Plan 2019-2022, Snam promotes the use of natural gas as a flexible, programmable and low environmental impact energy source to support renewables in the decarbonisation of the country. Out of 5.7 billion euros of investment, 850 million euros are allocated to the TEC (Tomorrow's Energy Company) project, whose objective is to accelerate the innovation capacity of Snam and its assets to seize the opportunities offered by the evolution of the energy system. The TEC project will focus in particular on four main strategic lines: ensuring greater operational efficiency, reducing methane emissions, investing in the energy transition and promoting a growing focus on innovation.

## 2 IMPACT ON SOCIETY

Thanks to the TEC project, Snam has set a natural gas emission reduction target of -25% to 2025 (-15% to 2022) compared to 2016, thus aiming at a lower environmental impact. In 2018, the actions implemented to reach this objective enabled a natural gas emission reduction of 7.9% compared to 2016.



## URL

<http://www.snam.it/en/Sustainability/index.html>




SPAIN

# 2025 PLEDGE

## Our purpose



### To finance

**€100 Billion** mobilized for sustainable finance 2018-2025

- Transition to a low carbon economy
- Financial inclusion & entrepreneurship
- Infrastructures & agribusiness



### To manage

**70%** renewable energy & **68%** reduction in emissions

- First global bank to report carbon-related assets
- New sector norms in mining, energy, infrastructure & agribusiness



### To engage

- Active collaboration with all stakeholders and commitment with main global initiatives promoting sustainable finance
- TCFD recommendations implemented in 2020
- Education & financial education

## RELATED SDGS GOALS



## SDGS 169 TARGETS

- 13.3 Improve human & institutional capacity on climate change
- 13.a Operationalize the Green Climate Fund through its capitalization
- 13.2 Integrate climate change measures into national policies

## PRIMARY COUNTRY

BBVA's Footprint: Spain, Latam, USA and Turkey

## OTHERS

Europe

## 1 OUTLINE OF A PROJECT/ GOOD AND SERVICE

**B**anks play a key role in the fight against climate change and the achievement of the UN Sustainable Development Goals, thanks to their unique position to mobilize capital through investments, loans and advisory services.

- A €100 Billion mobilization between 2018 and 2025
- Environmental direct impacts targets 2025
- We will engage with all our stakeholders to collectively promote the contribution of financial industry to sustainable development

## 2 IMPACT ON SOCIETY

**P**ledge 2025 will help the bank align its activity to a 2°C Scenario and strike a balance between sustainable energy and fossil fuel investments and is based on three lines of action: financing, management and engagement. The bank is also part of the Science Based Targets Initiative, which is calling on companies to publicly commit to specific climate targets. To achieve this, BBVA is working on initiatives such as defining sector norms; implementing methodologies to assess the financial impact of climate change in the bank's lending portfolios; and abiding by the Katowice Commitment, an initiative with several financial institutions to measure the alignment of their lending portfolios to the Paris Agreement.



## URL

<https://www.bbva.com/en/infographics-pledge-2025/>

