




# Transport & Mobility

ACTIVITY REPORT

**2021**



**T**he mobility of people and goods is a prerequisite for achieving the Sustainable Development Goals (SDGs). Indeed, it is crucial to ensure that people can access employment and essential services, as well as to allow productive economies to function effectively and sustainably. Good mobility makes cities “livable”.

The transport sector is more than 90% dependent on hydrocarbons and is responsible for 14% of total greenhouse gas (GHG) emissions. Individual and collective road vehicles are responsible for three-quarters of these emissions, and cities account for about half of this total. With urbanization expanding and demand for mobility on the rise, decarbonization of the transport sector is now more than ever, a major challenge.

Meanwhile, the transport sector is seeing a huge impact from the Covid-19 crisis, in the short term from the toll it has taken on transport operators, and in the longer term from possible future changes in commuter behavior.

The recent integration of Expertise France into AFD Group will provide opportunities to address these multiple challenges, not only via financing, but also through the expertise it can supply to support integrated planning of mobility systems and to develop efficient, safe, low-carbon and inclusive modes of transport.

# AFD Group's transport and mobility strategy

AFD Group takes action in the transport and mobility sector with the following four goals:



## Inclusive mobility systems

For each project, AFD Group analyzes how its projects can contribute to social cohesion and “access for all”: connecting landlocked areas, including vulnerable populations (via equitable access and fair pricing) and incorporating users’ feedback in project design.



## Green and low-carbon mobility systems

AFD Group supports green and low-carbon mobility systems designed to heighten positive impact and to avoid or reduce local pollution.



## Efficient, effective, and sustainable mobility systems

AFD Group ensures that projects are sustainable by analyzing – and improving if necessary – the effectiveness of technical choices, sectoral governance (planning, financing, and management rules), operations, and maintenance.



## Safe mobility systems for all

AFD Group finances mobility systems that are safe for all. This refers to both the safety of complex systems (such as air and rail transport) and to security for women in public transport systems.

### The Group approach

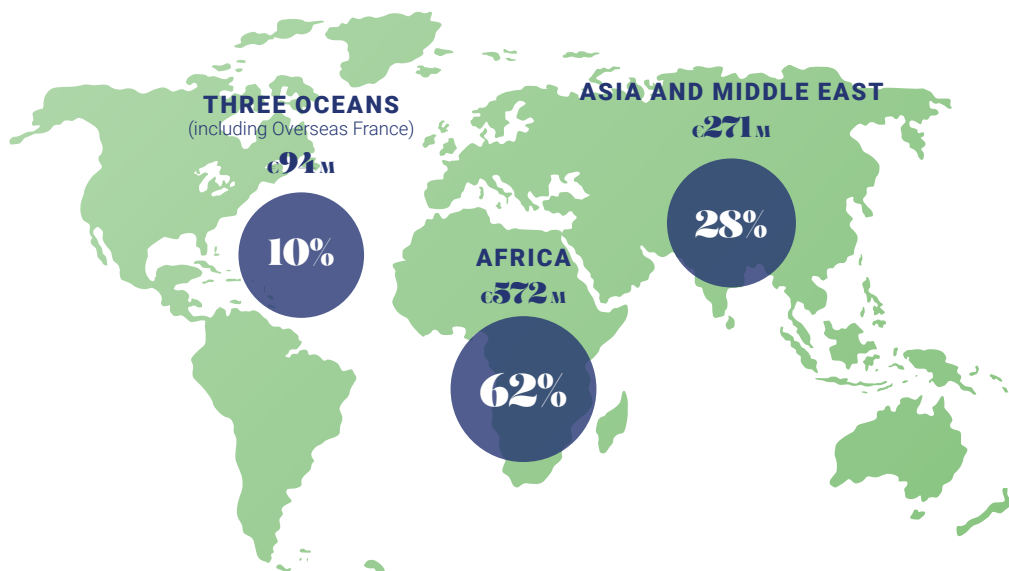


**With the integration of Expertise France in the beginning of 2022, AFD Group now has additional tools to accelerate the transition to low-carbon mobility:**

- Mobilization of the private sector with Proparco and STOA (joint investment fund with Caisse des Dépôts et Consignations).
- Mobilization of the expertise of French and European players by Expertise France, in order to support public policies—for example on road safety, air and maritime safety, and transport governance.

# Transport and mobility projects approved by AFD Group in 2021

## Breakdown by region



**€967 M**

for transport and mobility  
in 2021



**5 million  
people**

will benefit from improved access to  
sustainable transport through AFD's  
commitments in the sector in 2021



**62%**

of the Transport & Mobility projects  
approved in 2021 are helping to reduce  
gender inequalities

## Transport: a sector still affected by the Covid-19 crisis

Commitments since 2019



AFD Group's commitments in the transport sector were severely affected in 2020 by the pandemic crisis, but in 2021 we can see the Group's commitments resuming in the transport sector. Still, in the longer term, the Covid-19 crisis will continue to have an impact on the aviation sector and on daily commutes.



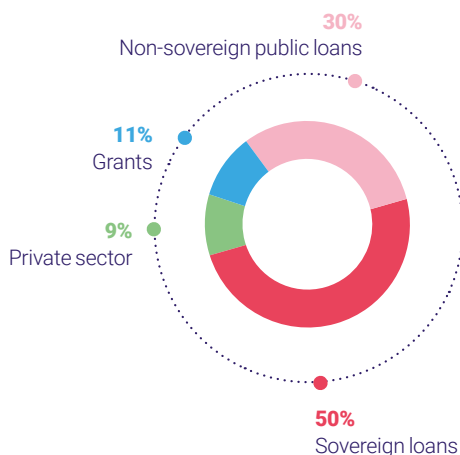
In 2021,

**76%**

of new commitments in the transport sector provided

**climate co-benefits.**

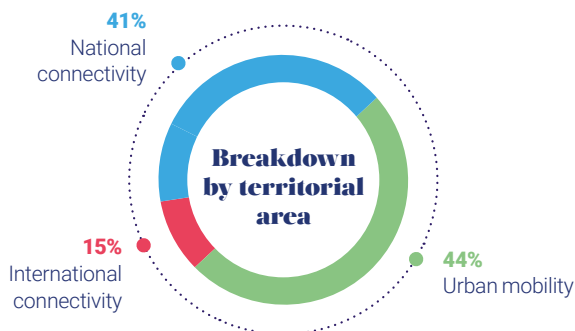
## Breakdown by financial tool



To finance major infrastructure projects that provide a **public service**, such as roads and urban public transport, **sovereign loans** are an appropriate tool. However, **maritime and air transport projects are mainly financed by public non-sovereign loans**.

In 2021, the sector benefited from an exceptionally high level of grants, with a project in **Cameroon** financed by a Debt Reduction-Development Contract (C2D) and a regional air transport project that received a major grant from the **European Union**.

## Urban mobility, a strong marker for AFD Group



In the transport sector, an average of nearly 60% of AFD Group's annual commitments go to urban mobility.

Commitments in 2021 were somewhat atypical in that a high proportion of financing went to interurban road or rail projects.

# Urban mobility



In urban environments, the challenge is to promote livable and inclusive cities by financing not only large-scale mass transit infrastructure, but also “soft” modes, passenger interchanges, and the optimization of traffic flows. A sustainable urban plan thus requires an integrated approach.

44%

of the financial volume committed in 2021 is devoted to urban mobility.

*All these projects have climate co-benefits.*



## INFORMAL TRANSPORTATION

The projects in Yaoundé, Cameroon, and Dakar, Senegal, approved in 2021, include a component to professionalize independent and informal transport.



## SECONDARY CITIES

Urbanization in Africa will mainly take place in secondary cities. In 2021, more than 12 planning or feasibility studies were underway in secondary cities.



## GOVERNANCE

More than 20 ongoing activities are contributing to transport sector governance and public policy dialogue.

## Yaoundé City Center



### Grant / Debt Reduction-Development Contract (C2D) | €66,5 M

**Beneficiary:** Republic of Cameroon, Urban Community of Yaoundé.

**Targeted outcomes:** 430,000 people with improved access to sustainable transportation; bus stations safe and comfortable, traffic congestion reduced, GHG emissions reduced by 8,000 teqCO<sub>2</sub>/year, air quality improved.

Inhabitants make their daily commutes mainly by shared taxi (40% of trips) or on foot (33%). However, street infrastructure for pedestrians

and public transport users is very limited, resulting in a high level of road insecurity: 3 deaths and 15 serious injuries per day in the city. Following on the urban mobility plan developed through the MobiliseYourCity partnership, this project seeks to improve basic infrastructure for mobility and to make it safer by redeveloping six intersections, two bus stations, and pedestrian paths (sidewalks and intersections).

The project will also facilitate the use of public transport and connect locations to the surrounding urban fabric, thereby improving the daily lives of Yaoundé residents and improving the city's economic productivity.

# National connectivity



On a national scale, the challenge is to stimulate the economic and social potential of local areas by supporting the controlled and sustainable development of road networks (including in rural areas) and rail or river networks as part of regional projects.

40%

of the projects approved in 2021 seek to strengthen national connectivity, a particularly large proportion.



In 2019, AFD provided France's contribution to the United Nations Road Safety Fund. In 2021, AFD once again supported road safety via three original projects in partnership with French organizations: development of digital tools to improve road safety data with **IRD** in Bouaké, Côte d'Ivoire; training developed by **Cerema**; and urban fabric initiatives for direct action in public spaces in Dakar with **GRET**.

## Repairing and renovating the "Route du Nord" (northern highway) in Côte d'Ivoire



**Sovereign loan | €200 M**

**Beneficiary:** Government of Côte d'Ivoire

**Targeted outcomes:** 1.4 million people with improved access to economic and social opportunities (agricultural sales outlets, social facilities, schools and health centers), improvement in the Abidjan-Bamako and Abidjan-Ouagadougou regional corridors.

with Mali and Burkina Faso, as well as better rural connectivity in the Savanes District. By reducing the isolation of regions and their residents, the project will stimulate and secure access to socio-economic activities, especially for productive rural areas. Another big objective of the northern highway is to promote north-south territorial cohesion and regional integration. The project provides for 135 km of roadwork and involves specific road safety improvements, the localized repair of degradation on rural tracks, the construction of crossings in rural areas, and capacity building in road design for the Construction and Public Works Lab and Ageroute.

AFD has been financing the repair of the northern highway, the country's backbone, for nearly ten years. The financing granted in 2021 seeks to improve the northern part of the road linking Ouangolodougou to the borders

# International connectivity

ODD 9



At the international scale, the challenge is to open up remote and especially insular regions, and to integrate economies into global trade. When connecting those places to major international trade corridors and platforms, our actions promote the much-needed energy transition of the air and maritime sectors and highlight security and safety aspects.

13%

of transport projects approved in 2021 are devoted to helping countries develop their international trade.



AFD's actions are in line with the European Union's new Global Gateway strategy.



## Maritime safety

In 2021, Expertise France received additional funding from the European Union to strengthen the safety of critical maritime routes in the Gulf of Guinea through a data-sharing platform.

## The ASCENA program for optimizing flight paths (Egnos satellite navigation system)

**Non-sovereign loan | €60 M blended with a European Union grant | €30 M**

**Beneficiary:** Agency for Air Navigation Safety in Africa and Madagascar (ASECNA), an international organization made up of 17 African States and France (for La Réunion and Mayotte).

**Targeted outcomes:** Increased safety of air navigation, particularly at airports not equipped with precision approach systems; improved flight efficiency by optimizing flight paths; reduced GHG emissions from the sector.

ASECNA's augmented satellite navigation program (SBAS), which uses European Egnos technology, optimizes the flight paths of aircraft flying in the airspace of the 18 ASCENA member countries. The goal of this project, which is partially financed by AFD and the European Union, is to improve civil aviation safety without having to invest in ground infrastructure, as well as to reduce flight distances. In addition, not only does the project help strengthen regional integration in Africa, but it also has the special advantage of resulting in a significant reduction in GHG emissions by optimizing aircraft landings. ASCENA receives support from France's National Center for Space Studies (CNES) and the European Space Agency.

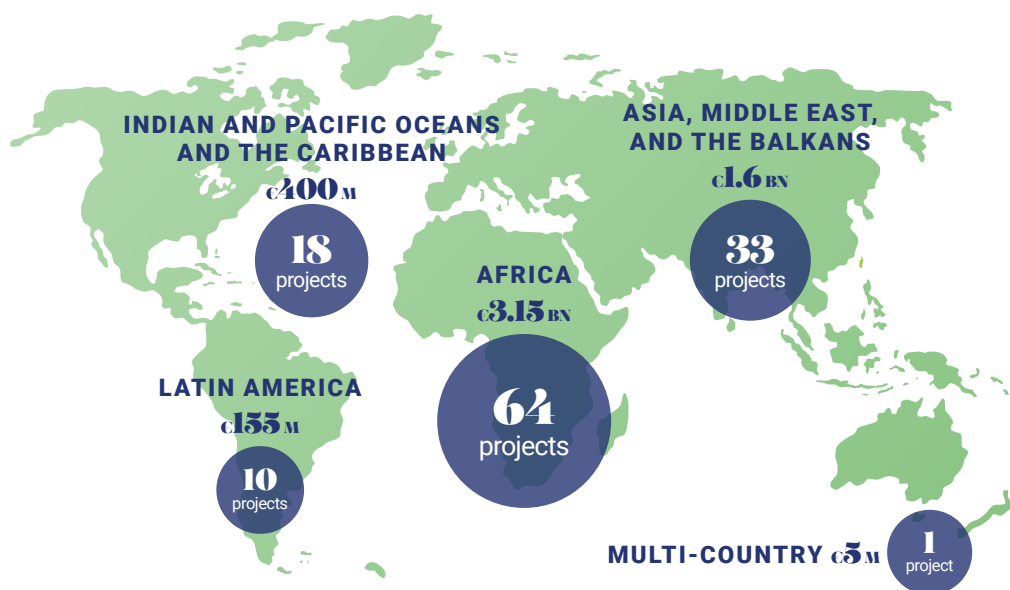




# Ongoing projects

AFD Group's transport and mobility activity also involves managing a portfolio of ongoing projects, including supervision of contracts for standard infrastructure projects. Our teams are also heavily involved in the implementation of capacity-building projects, studies, and planning in order to fuel dialogue in the sector and contribute to better governance.

## Breakdown by region



**126**  
ongoing projects

in the transport sector

as of 31 December 2021, with total commitments amounting to some €5.3 BN and €3.5 BN yet to be disbursed



**36** agreements  
(for loans or grants, including for the preparation of projects) signed in 2021



Approximately

**€460 M**  
disbursed in 2021

# Achievements and outcomes

## Types of projects and their targeted outcomes are delivered in three main forms:

- **Projects that aim to build tangible infrastructure**, with multiple purposes. They improve access to people's economic and social opportunities, enable cities to function better, and contribute to the way the economy works by promoting the movement of goods.
- **Projects that aim to improve a public policy**. Their outcome is intangible, but they form the framework needed for the outcome of infrastructure to be fully tangible.
- **Technical assistance projects designed for stakeholder capacity building**. These are usually implemented to back up the first two types of projects.

"Tangible achievements" fall within the first type of project. But, as transport infrastructure generally takes a long time to build, its direct results become tangible gradually, often with a steady increase in traffic during the first years of commissioning. This is why we have chosen to monitor projects for three years after they have been put into service.

## Between 2019 and 2021, 27 AFD financed transport infrastructure facilities were completed and commissioned, with the following outcomes:



**6.6 MILLION  
PEOPLE**

have improved access to sustainable transport



**NEARLY 1 MILLION  
PASSENGERS**

use public transport on the sections financed



**235 KM  
OF LINES**

of quality mass transit have been created or repaired



**NEARLY 350 KM  
OF LAND ROUTES**

(road/rail) between cities have been created or repaired (not including rural roads)

### The Dakar Regional Express: Senegal's first high-speed train now in service



**Sovereign loan | €230 M**

**Beneficiary:** Republic of Senegal

Dakar suffers from heavy vehicle traffic and its resultant, air pollution and GHG emissions. To respond to these challenges, the country's first regional express train was developed. It now offers efficient and secure service on a route from the center of Dakar to 13 stations between the Dakar suburbs and the new city of Diamniadio. The project was implemented by APIX at a total cost of €1.1 billion, financed by a pool of donors.

The goal of the project is to improve the living conditions and mobility of residents, and to

support the urban and economic development of the greater urban area by helping to form a modern and sustainable public transport system. It will cut commuting time by 45 minutes, provide transport alternatives and diminish the impact of congestion on the corridor.

Ultimately,  
**113,000**  
people will ride  
the train each day



**GHG emissions  
reduction is  
estimated at**



**19,000**  
teqCO<sub>2</sub>/year

# A partnership-based approach to sustainable mobility

AFD Group promotes partnerships and exchanges between peers. These are effective tools for capacity building and for gaining support from public decision-makers. AFD has built up a network of professional partners made up of leading French and international institutions and French authorities that are experts in mobility.

## Developing an analytical framework and recommendations for modernizing informal transportation



In 2021, AFD joined the **MobiliseYourCity** partnership and the **African transport policy development forum SSATP** to publish the following on informal transportation:

- A toolbox on informal transport & levers of action
- A guide for conducting an analysis of the sector
- Three case studies on reform of the informal sector in Dakar, Kigali and Cape Town

## AFD, a feminist agency promoting gender equality in transport



Through its “**gender and transport**” toolbox, AFD provides keys for systematically integrating the promotion of gender equality into urban transport projects and seeks to raise awareness about this issue among its partners. This involves developing quality, accessible, and safe public transport, promoting women’s employment in the sector, and combating harassment in transport.

### Actions carried out in 2021:

- In Tunisia, as part of the interchange project of the central loop of the Tunis light metro, AFD funded the implementation of a **communication campaign to combat violence against women in transport**.
- In Turkey, fruitful dialogue was held with the cities of Izmir and Ankara to promote **women’s employment** in urban transport (governance, driver training, security personnel) and to carry out **anti-harassment campaigns**.
- In Peshawar, Pakistan, the recent introduction of BRT (Bus Rapid Transit) has culminated in a significant increase in the mobility of women, who make up **20% of its users** – exceeding the original target of 15%.

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## Towards a World in Common

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AFD Group contributes to implement France's policy in the areas of development and international solidarity. The Group includes Agence Française de Développement (AFD), which finances the public sector and NGOs, as well as research and education in sustainable development; its subsidiary Proparco, which is dedicated to private sector financing; and Expertise France, a technical cooperation agency. The Group finances, supports and accelerates transitions towards a fairer, more resilient world.

With our partners, we are building shared solutions with and for the people of the Global South. Our teams are at work on more than 4,000 projects in the field, in the French Overseas Departments and Territories, in 115 countries and in regions in crisis. We strive to protect global public goods – promoting a stable climate, biodiversity and peace, as well as gender equality, education and healthcare. In this way, we contribute to the commitment of France and the French people to achieve the Sustainable Development Goals (SDGs). Towards a world in common.



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