

National french Clean Mobility Development Strategy

Actions divided into 5 categories

1. Mobility demand
2. Modal shift
3. Load factor (of vehicles)
4. Energy efficiency (of vehicles)
5. Energy (carbon intensity) = alternative fuels

Regional strategy to reach clean mobility

1. Influence territories :

- Strategic planning (SRADDET + Plan Climat + Decarbonization strategy)
- Projects financing

2. Act directly as transport organizing authority

- Regional trains
- Regional buses

⇒ **The Region act on the 5 levers**

⇒ **The energy lever is particularly appropriate**

Improving the massive transportation modal shift



Some actions implemented by Provence Alpes Côte d'Azur Region

PASSENGERS

- ✓ Develop the multimodal mobility offer: open data, MaaS, etc.
 - global price offer (Zou!), data sud, tourists specific offers
- ✓ Reinforce the share of active modes in daily mobility : new infrastructures, incentives
 - Regional bike plan
- ✓ Develop collective, shared and collaborative modes of transport
 - introducing competition in railways, increasing quality of service, coordination of offers with other Transport Authorities (Region Occitanie, Region Auvergne, Monaco, Italian Regions)

LOGISTICS

- ✓ Streamline urban logistics by taking it into account in planning documents;
 - harmonization of access regulations
- ✓ Develop massified modes for freight by increasing investments in infrastructure mass transport (railways, rivers and ports).
 - River / Rail and Ports / rail infrastructures

Developing alternative fuels

Some actions implemented by Provence Alpes Côte d'Azur Region

ROADS

INFRASTRUCTURE

- ✓ Support the deployment of alternative fuel distribution infrastructures
→ financial aids (EV, CNG, H2 regional strategy coming)
- ✓ Support the development of local and sustainable energy production to power vehicles
→ biomethane, photovoltaic panels

VEHICLES

- ✓ End to the sale of new greenhouse gas-emitting vehicles (by 2040 in France)
- ✓ Using purchase and tax incentives to improve the market share of low-emission vehicles
→ financial aids : Light vehicles, Heavy vehicles, Taxi
- ✓ Minimum rates of incorporation of low emission vehicles in the upgrading of private and public vehicle fleets
→ Environmental criteria when choosing road passengers carriers

Developing alternative fuels

Some actions implemented by Provence Alpes Côte d'Azur Region

INFRASTRUCTURE

VEHICLES

AIR

- ✓ Implementation of distribution channels for aviation biofuels
- ✓ Development of local and sustainable energy production
→ PV on abandoned road

- ✓ Switch from fossil fuels to biofuels (50%)
- ✓ Energy efficiency improvement
- ✓ Tax on greenhouse gases emitted by aviation at the European level

PORTS

- ✓ allowing the distribution in low carbon energy in every French harbor

- ✓ facilitating the switch to low carbon technologies (battery, biofuels, hydrogen, sail...)

→ "Escales 0 Fumée" financing plan

The crossborder actions to reach clean mobility

The Trans-European Transport Network : a financial opportunity

Actions with Piemonte and Liguria to register the Marseille Vintimiglia Genova axis on the Mediterranean corridor of the Trans-European Transport Network

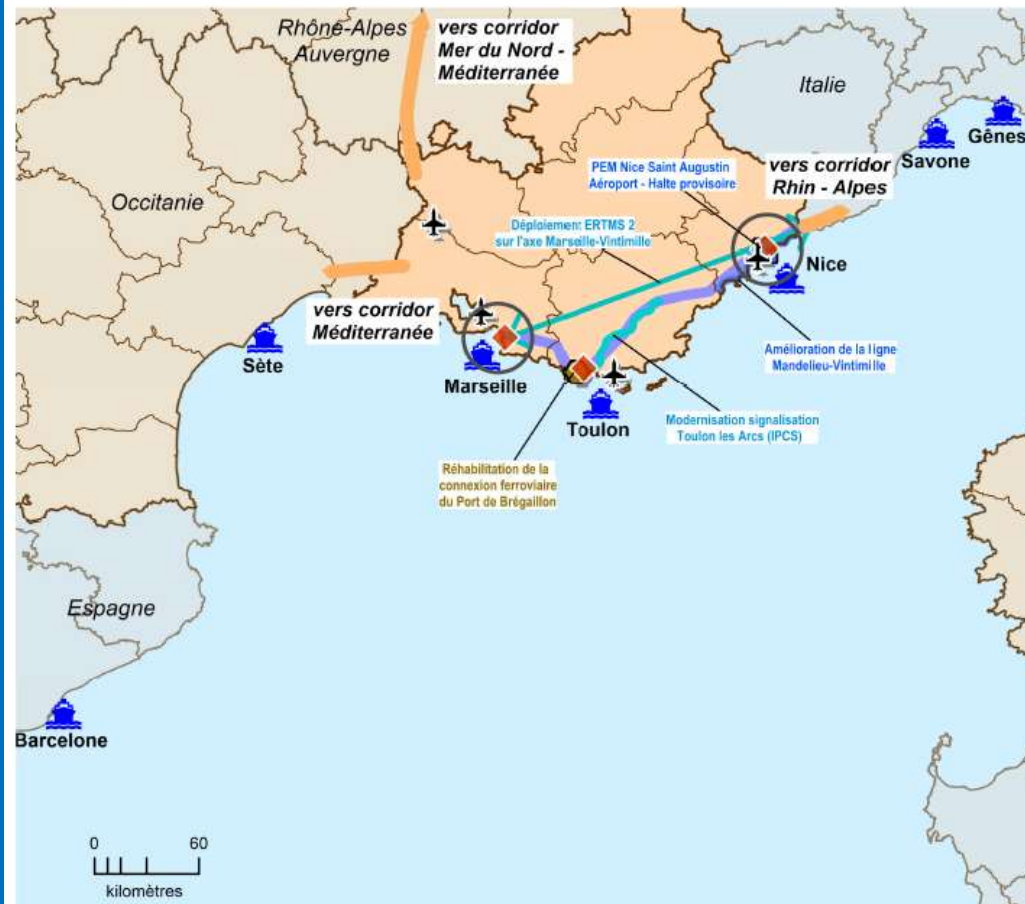
The Nice-Turin axis shall be taken into account in the TEN-T comprehensive network

Improving the interconnection between the gateways (ports, airports), urban nodes and multimodal platforms

Contrat de Plan Etat-Région
2015 - 2020



Arc méditerranéen



Investissements ferroviaires :

- Travaux
- Avant-projet ou études
- Etude ERTMS 2
- Projet de ligne nouvelle Provence-Côte d'Azur
- Plateforme de fret ferroviaire
- Gare
- Port de commerce
- Aéroport

Limites administratives :

- Limite de région
- Limite de département

The crossborder actions to reach clean mobility



Cross-border issues and cooperations

CROSS-BORDER RELATIONS

Provence-Alpes-Côte d'Azur has long-lasting historical, cultural, economic and social relations with the **Italian regions** (especially Piedmont and Liguria) and the **Principality of Monaco**.

Monaco and Provence Alpes Côte d'Azur cooperate for the financing of road and rail services and for the purchase of regional trains

Cooperation with Liguria and Piemonte take place also in the “CIG Alpes du Sud” about services and railway infrastructure

Today, the cross-border challenges relate to a strengthening of collaborations for a **reinforced rail service on the coast** in order to ensure **access to employment** for cross-border populations of the Principality of Monaco and between France and Italy (about 50.000 people per day).



The crossborder actions to reach clean mobility



European programs

- **EUSALP : Provence Alpes Côte d'Azur co-leads the Action Group 4 Mobility for the years 2020 and 2021**
AG4 activities are implemented under the following three thematic areas (TAs):
 - TA1: Smart clean logistics and combined transport to support modal shift
 - TA2: Accessibility of local & regional transport links on secondary networks
 - TA3: Smart and low-carbon mobility & innovative public transport solutions
- **Partnership in MARITIMO and ALCOTRA programs : TRENO, MOBIMART and CLIP E-transport**