



International ITS Cooperation

Digitalisation a network approach

Intelligent transport systems (ITS) must be viewed in a global context

The European and international cooperation of road operators among themselves as well as with industry and service providers is of decisive importance for a targeted and rapid introduction of technologies and services

A digital, networked road infrastructure is of indispensable importance for automated, climate-friendly and environmentally friendly traffic

The successful introduction and sustainable operation of such technologies and services go hand in hand with standardisation and harmonisation in an international context

Both are promoted by the European Union and this leads to European directives that are increasingly being implemented in national law

In order to initiate and deepen the necessary cooperation between the European road operators, the European Commission is launching comprehensive ITS funding programs

The networking of the European road operators resulting from the cooperation in the context of such projects is an important foundation for finding common European solutions to European challenges

Autobahn GmbH is the largest motorway operator in Europe. It has the potential to make significant contributions to the further development of the European transport system, to the digitisation and automation of road traffic. She sees herself as a strong partner of the European Commission and the other European road operators in order to make strategically meaningful and technologically and economically successful decisions and to jointly set the course for future mobility.

Particularly on the heavily loaded trans-European traffic axes, which are the responsibility of Autobahn GmbH, considerable investments in intelligent traffic systems and digital infrastructure will be necessary in the future. This is important in order to meet the increasing volume of traffic and the demands of the mobile citizen as well as the freight transport and logistics industry.

A harmonized and standardized approach in Europe is of great importance here.

The advancing digitalisation and automation also make an important contribution on the way to sustainable mobility in Germany and Europe.

The Autobahn GmbH of the federal government therefore relies on continuous and targeted participation in the European harmonisation and standardisation initiatives and in the intensification and sustainable safeguarding of technological developments associated with them.

This applies in particular to the departments:

- Traffic management on European road corridors as well as on TERN
- ITS Systems
- Autonomous driving and C-ITS
- Digital services and digital infrastructure of the motorway and their interfaces to other modes of transport
- Information acquisition, processing and provision at the national access point
- Traffic safety
- Innovative approaches in the field of digitisation

EU ITS Platform – An umbrella platform for european road operators

The European Commission has launched nine trans-European corridors, so-called Core Corridors.

The European Commission's CEF (Connecting Europe) program supports investments in Europe's transport, energy and digital infrastructure networks along these corridors.

The CEF funds support the goals of the strategy for sustainable and intelligent mobility.

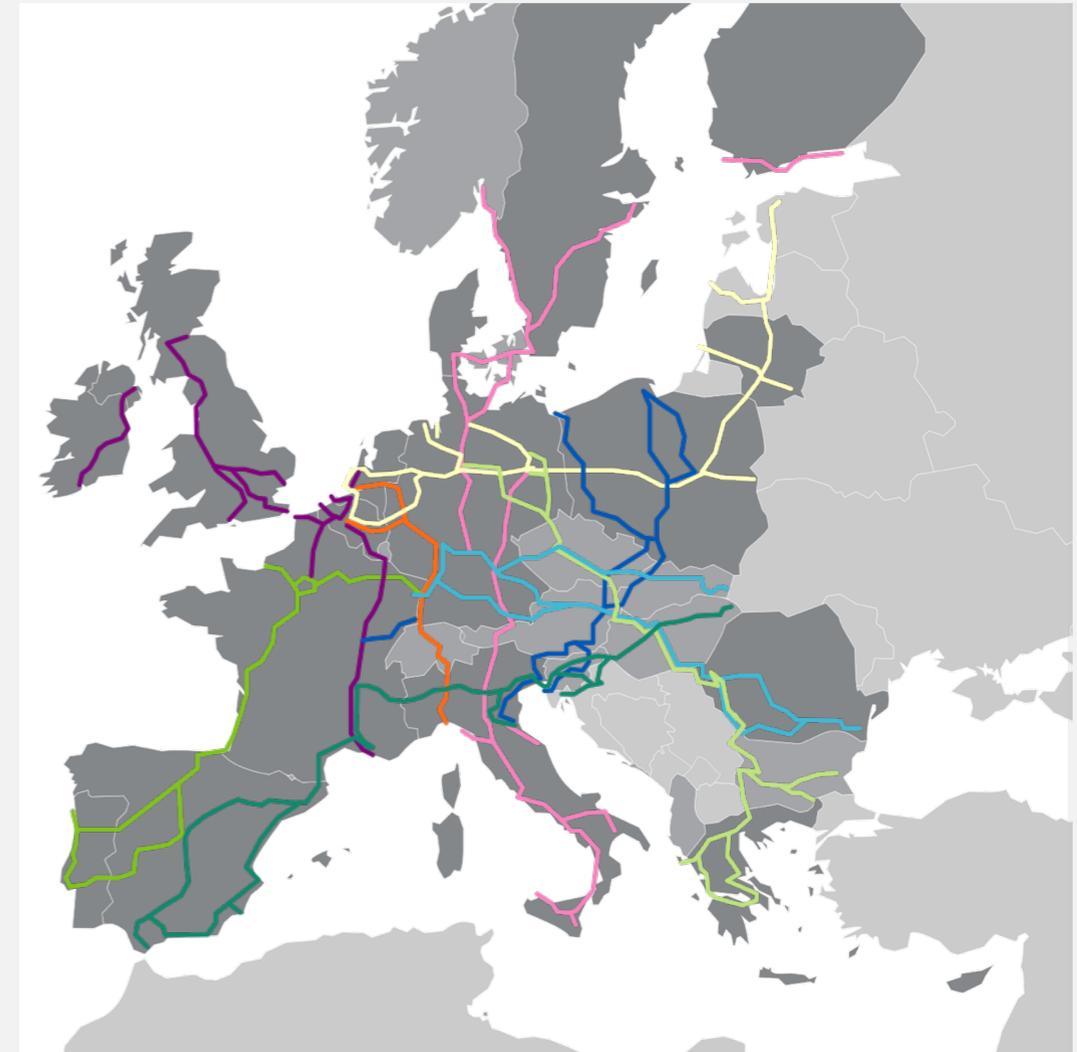
This creates the basis for the EU's transport system to undergo its ecological and digital transformation and to become more resilient to future crises.

EU ITS Platform Countries

- Platform Beneficiaries
- Corridor Partners
- Associated Partners



- Atlantic
- Baltic – Adriatic
- Mediterranean
- North Sea – Baltic
- North Sea – Mediterranean
- Orient/East – Mediterranean
- Rhine – Alpine
- Rhine – Danube
- Scandinavian – Mediterranean



The CEF program supports investments in Europe's transport, energy and digital infrastructure networks.

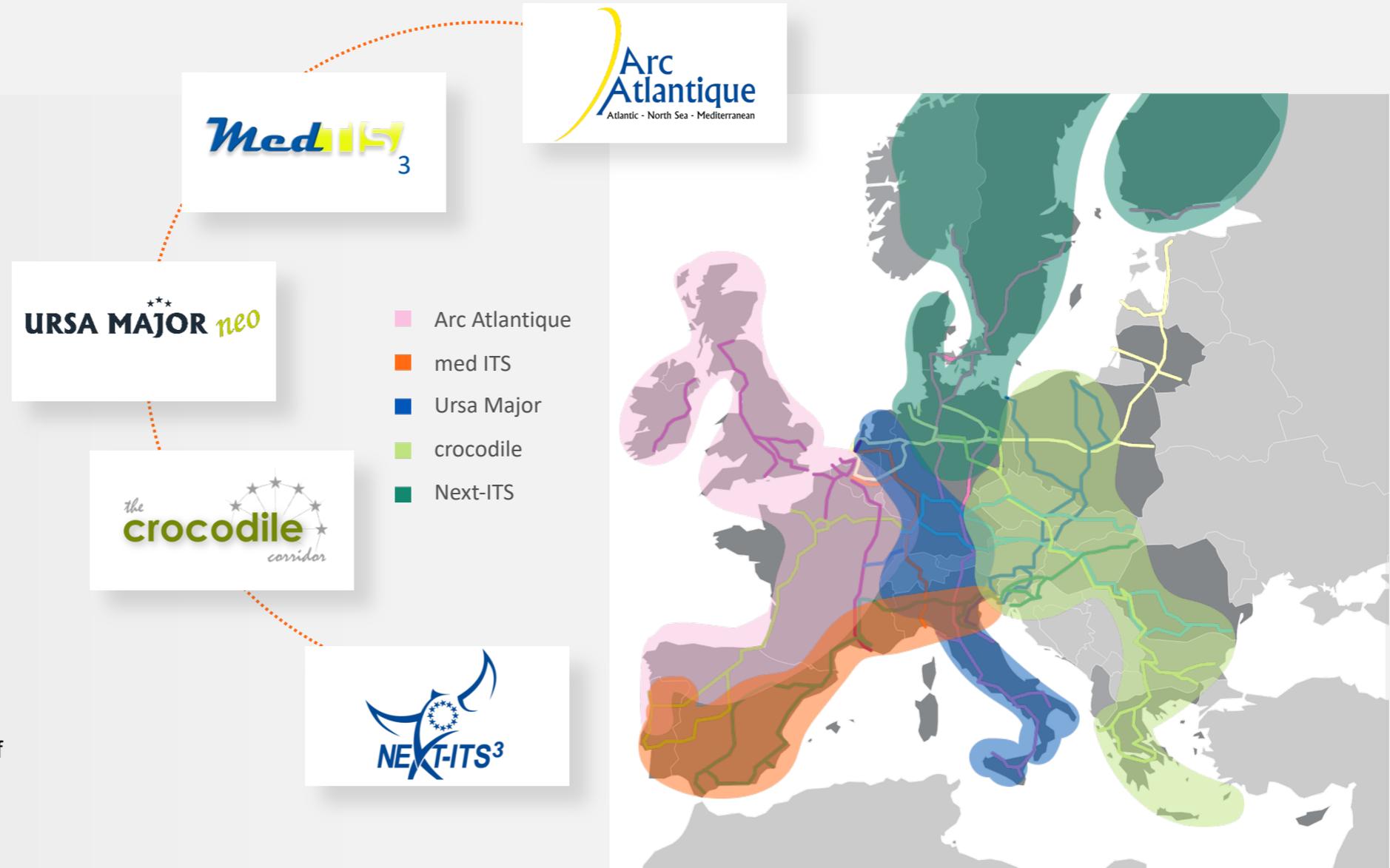
The European road operators cooperate with the financial support of the European Commission in the European ITS Platform (EU EIP) and in 5 ITS corridors and thus support them with their contributions

The harmonisation and digitalisation of ITS infrastructure

- The provision of data at the national access points
- A common approach to traffic management on the European axes
- The introduction of cooperative services towards autonomous driving

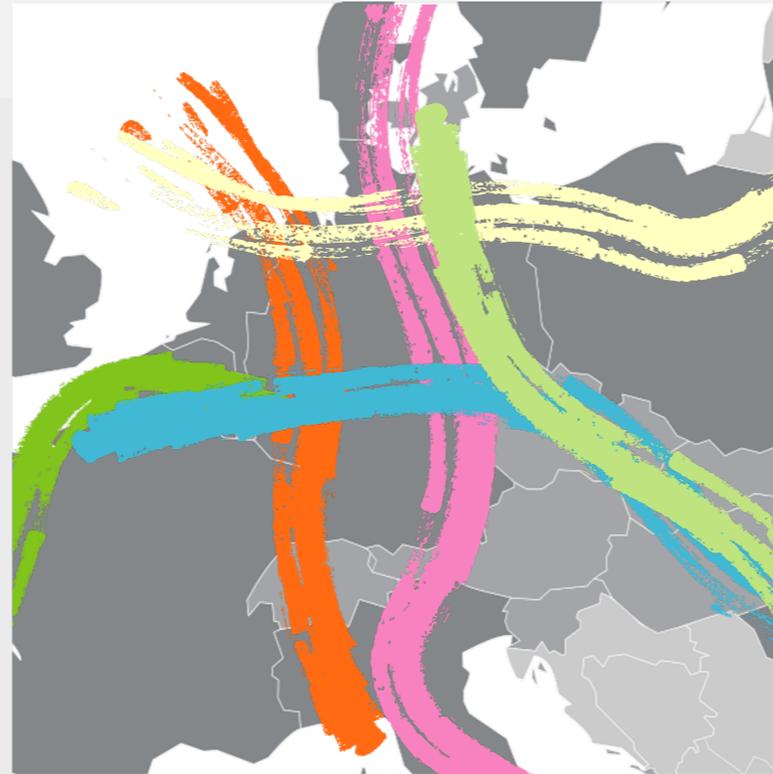
And with it the European Commission, which is striving for ecological and digital change

The ITS Corridor-Partner Autobahn GmbH is thus actively contributing to achieving the ambitious goals of the European Green Deal and the digital decade



Due to the central location of the German motorway network, the motorway is connected with six trans-European corridors and ensures a safe flow of traffic and intelligent traffic control at this intersection of European traffic.

This clearly shows how necessary a European approach for future-oriented, intelligent transport systems is in order to meet the requirements of European passenger and freight transport and to meet the expectations of the citizens with regard to the reliability and safety of transport systems.



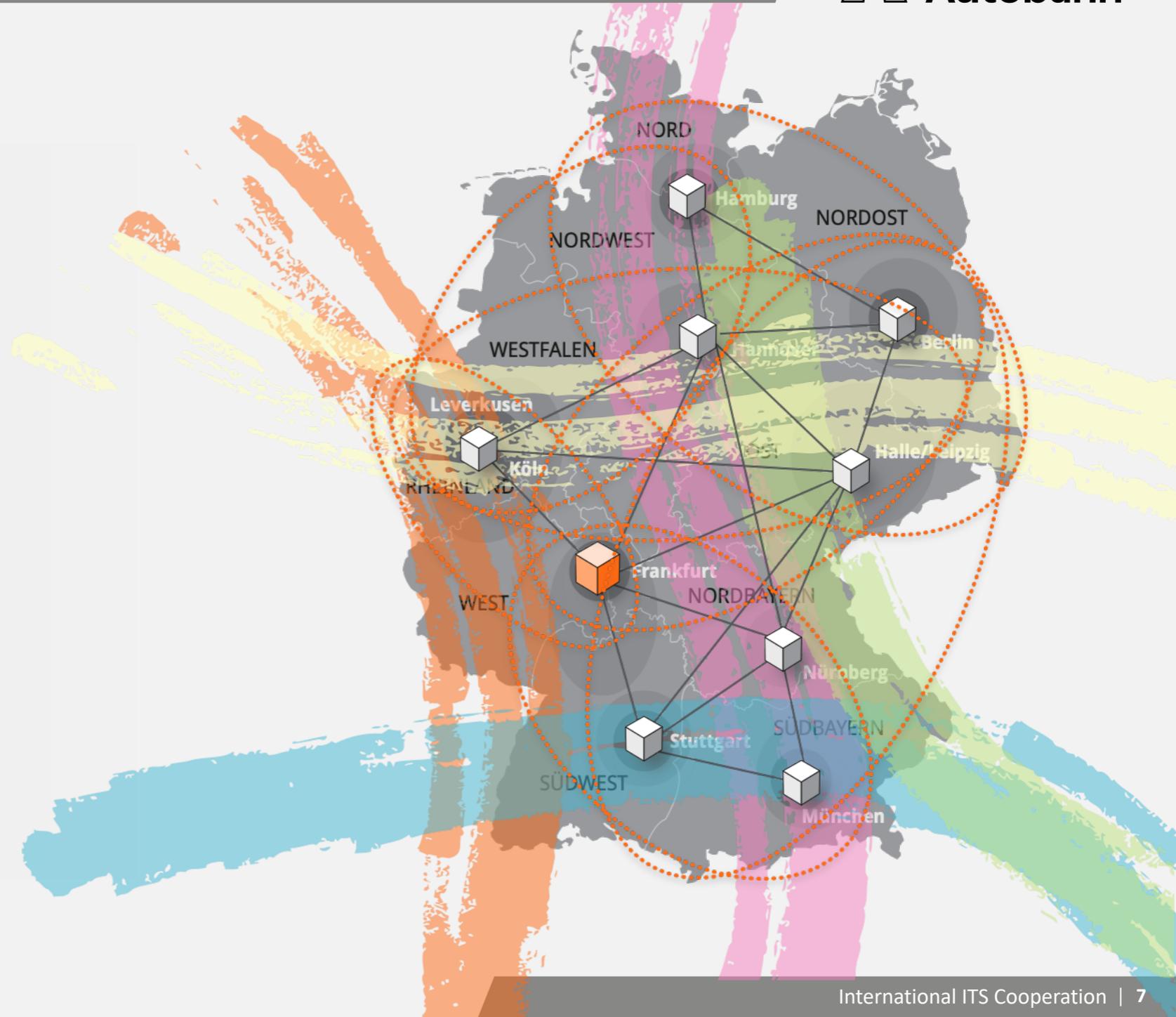
- Arc Atlantique
- med ITS
- Ursa Major
- crocodile
- Next-ITS



As part of the ITS co-funding project URSA MAJOR, the project partners Germany, the Netherlands, Switzerland and Italy have developed a uniform approach for the preparation and coordination of international traffic management plans.

This helps to develop cross-border traffic routing strategies and to establish them at the operational level.

In cooperation with the other European road operators, consistent traffic management of European long-distance traffic on the trans-European corridors is supported.





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