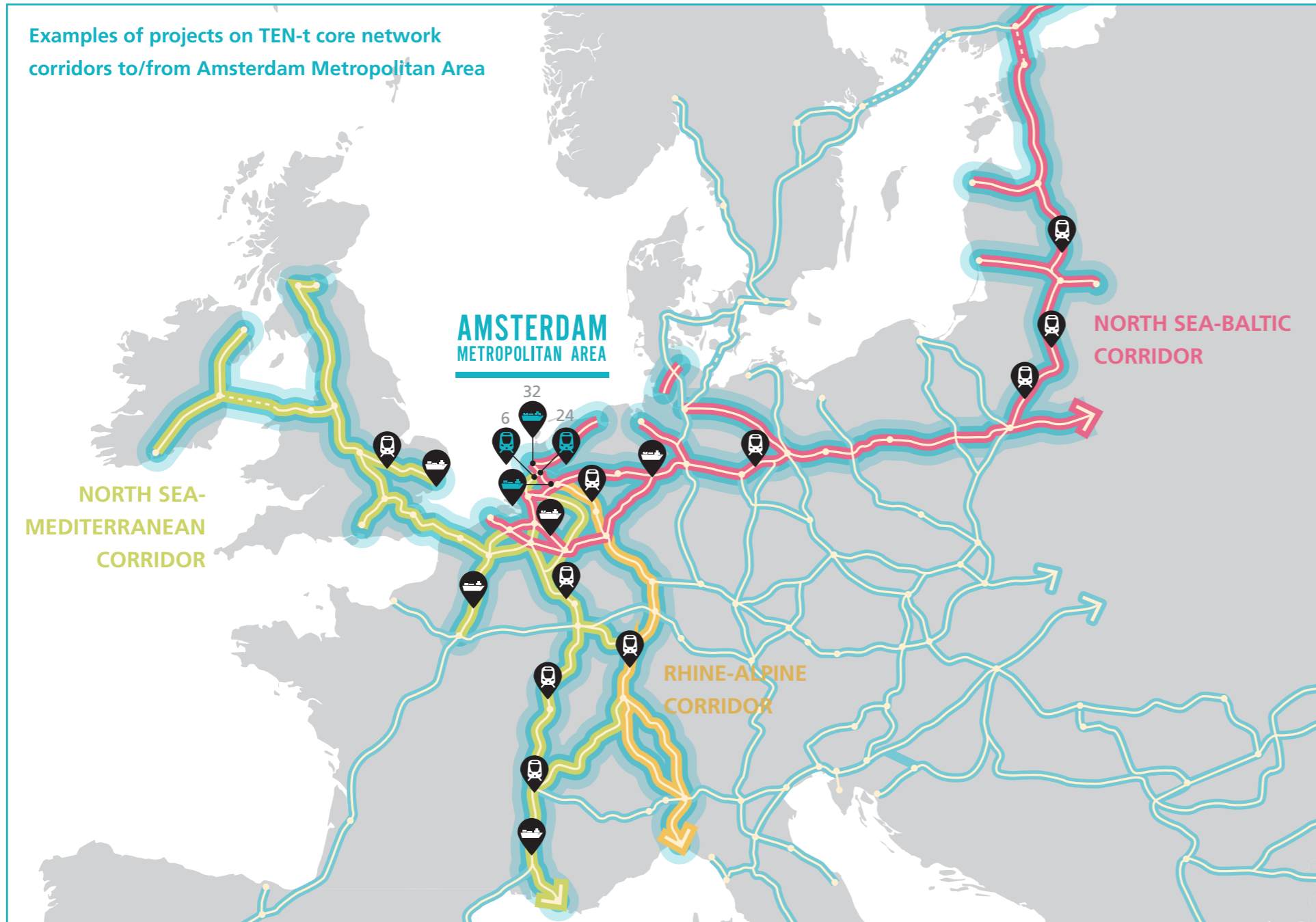




Examples of projects on TEN-t core network corridors to/from Amsterdam Metropolitan Area



**NETWORK CONNECTIVITY 2014-2018**

Work will continue in the current period from 2014 – 2018 on many projects related to network connectivity in the metropolitan area. These involve projects that have recently been arranged by the national and regional authorities, e.g. based on agreements about launching exploratory studies, but they also include projects that are currently in the implementation phase and will be ready for commissioning soon.

**WORKING TOGETHER**

The projects displayed here are included in the regional agenda for Noord-Holland, Utrecht and Flevoland that was drafted in close consultation with the national government. Agreements were made in the November 2013 meeting in the context of the Multiannual Programme for Infrastructure, Spatial Development and Transport (MIRT) regarding the launch of several MIRT studies; changing trends and possible changes in the mobility sector were also contemplated. Developments are monitored and forecasts are

adjusted periodically to ensure appropriate measures can be taken in good time.

On the one hand, the available resources are insufficient to resolve all the bottlenecks in the northern stretch of the Randstad region before 2030 by using extra infrastructure. These bottlenecks will persist in the main roads network, even in a scenario of low economic growth. On the other hand, metropolitan areas require extensive attention now, where the need for transport during rush hour could shift towards bicycle, public transport and electric car (including car-sharing). A different approach is needed, one that has a stronger focus on 'innovating' and 'informing'. If these aspects are integrated more effectively with 'maintaining' (management and maintenance) and spatial design, it is expected that the approach can make a solid contribution to solutions for the network connectivity issues.

**PROCESS AND PARTNERSHIP**

National government and regional authorities are working to implement these projects. These are also topics that may arise during the annual consultation with the national government in the context of the Multiannual Programme for Infrastructure, Spatial Development and Transport (MIRT). Alongside individual projects, the MIRT consultation also discusses strategic topics, such as the challenges posed in the regional agenda for Noord-Holland, Utrecht and Flevoland, MIRT studies, new approaches to connectivity, and the methods used for new initiatives and feasibility studies. A board for connectivity issues in the Amsterdam Metropolitan Area coordinates all activities involving traffic and transport projects. However, in view of the overlap with other sectors, this board coordinates closely with their spatial planning and economic affairs counterparts.

Project name	Project description
<b>Integrated projects / issues</b>	
01	Structural vision for the Mainport Amsterdam Schiphol Haarlemmermeer (SMASH) Defining spatial and infrastructural parameters for the development of the mainport and major spatial challenges.
02	Action plan 'Beter Benutten', part 1 Budget for optimising use of existing infrastructure. Available up to and including 2014.
03	Action plan 'Beter Benutten', part 2 Budget for optimising use of existing infrastructure. Available during the 2015-2017 period.
04	National-Regional Programme for Amsterdam, Almere and Markermeer (RRAAM) Implementation of three categories of ambitions: urbanisation (60,000 homes), network connectivity (road and public transport) and nature.
05	Concept for North Sea Canal area / banks of the Zaan and IJ (ZaanIJoeverers) Concept for optimal use of scarce physical and environmental space for the development of a seaport and major spatial challenges.
06	Zuidas business district Integrated development of urban residential and business location. Optimising railway corridor and creation of a high-quality transport hub.
07	Lelystad Airport Development of airport at Lelystad. Precondition is e.g. good land-side network connectivity; a separate MIRT study is addressing that aspect.
08	Railway agenda Developing vision for the railway for the period after 2020 and translating into projects, including High-Frequency Railway Programme (PHS).
09	National real estate and property Use of national property and real estate to realise spatial challenges in the Amsterdam Metropolitan Area.
<b>Road</b>	
10	A7-A8 Coen Tunnel - Purmerend MIRT Exploratory Study for expansion of A7-A8 capacity, based on MIRT Study on north side of Amsterdam.
11	A9 MIRT Study for A9 between Alkmaar and A5 junction, based on MIRT Study on north side of Amsterdam.
12	A8-A9 Regional development of connection for missing link between A8-A9, based on MIRT Study on north side of Amsterdam.
13	A1 MIRT Study on bottleneck in traffic flow on A1 to the east of Amsterdam
14	A10 / A5 / A8 / Coentunnel / Westrandweg Construction of second Coen Tunnel, maintenance on old tunnel and construction of western ring highway
15	Diversion of A9 Badhoevedorp Diversion of current A9 to the south of Badhoevedorp to improve traffic flow and also spatial developments along old route
16	Practical pilot in Amsterdam Optimised use of roads network due to traffic flow management.
17	Schiphol-Amsterdam-Almere (SAA) Expansion of roads network capacity on the A1, A10 East, A9 and A6.
18	N50 Ens-Emmeloord N50 capacity expansion in both directions and replacement of ground-level bus intersection near the junction through a viaduct.
19	Duinpolderweg Construction of missing section and expansion of existing roads network between N206 and A4
20	Urban network connectivity of Almere phase 1 Expansion and adaptation of capacity of the underlying roads network in Almere.
21	Expansion of A27/A1 Research on highway expansion and possible high-quality public transport connection between Almere and Utrecht
<b>Public transport</b>	
22	Public transport for Schiphol-Amsterdam-Almere-Lelystad (OV SAAL) Implementation of various short-term steps to improve quality of railway transport between Schiphol-Amsterdam and Almere.
23	Medium-term OV SAAL Developing of measures to improve quality of railway transport on the route, to supplement the short-term OV SAAL measures.
24	Schiphol Based on SMASH (see 1), a MIRT Study on Schiphol Plaza public transport hub, including railway station and tunnel. Related to high-speed railway network and expansion of airside terminal.
25	BOR Regionet 170 miljoen Various smaller railway measures, financed from this budget.
26	Amsterdam CS Transfer Capacity and Bicycle Parking Expansion of bicycle parking facilities (phase 1) with 10,000 places. Improving transfer capacity of the railway station.
27	Action Programme for Regional Public Transport (AROV) MIRT incentive budget for realising regional public transport connections. In the metropolitan region, this involves six AROV projects.
28	Conversion of Amstelveen tramline Conversion of Amstelveen line into high-quality tram connection with cross-linking to public transport in the Zuidas business district. Optional extension to Uithoorn.
29	Noord/Zuid metro line Construction of new metro connection between Amsterdam Noord and the Zuidas business district.
30	High-quality public transport in 't Gooi region Construction of high-quality bus connection between Huizen-Hilversum, partly covered by AROV (see 27)
<b>Waterways</b>	
31	Ligherage at IJmuiden outer harbour Increase flow of ships and safety by moving ligherage location, where seagoing ships tie up to tranship part of their freight.
32	Sea access at the mouth of the IJ Replacement and capacity expansion of Noordersluis lock complex at IJmuiden.
33	Shore radar North Sea Canal Realisation of an integrated traffic guidance system for safe, rapid traffic handling.
34	Amsterdam-Rhine Canal Remove Zeeburg lock, widen Amsterdam-Rhine Canal and build eco-friendly banks.
35	Improving IJsselmeer fairway Deepening the fairway on the Amsterdam-Lemmer connection.
36	Flevo coast Realisation of a new port and industrial estate for inland shipping.
37	Vaart in de Zaan! Measures to improve sailing passage on the Zaan river for professional ships