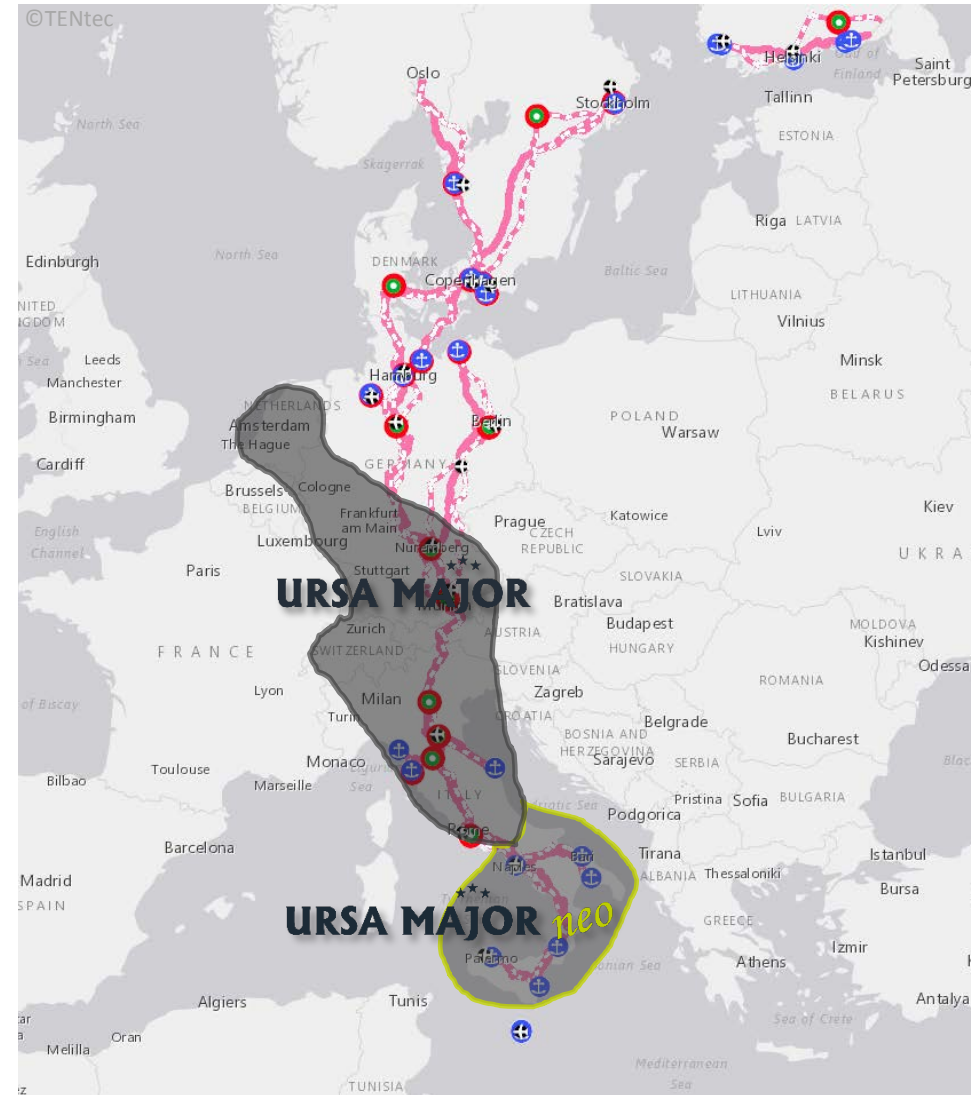


URSA MAJOR neo

ScanMed Forum
Brussels – 17 October 2017

UMneo – a successful cooperation of URSA MAJOR and the Scandinavian – Mediterranean Corridor

- ▶ UM started as an international cooperation primarily of Road Operators on ITS deployment
- ▶ Geographical overlap with ScanMed
- ▶ Contacts from ScanMed Forum led to new project types and extended approach for 3rd phase (URSA MAJOR neo) with:
 - ▶ extended coverage: down to Sicilly
 - ▶ extended profile: ports and RRT
 - ▶ extended scope: works & pilots
 - ▶ extended technology: Cooperative ITS



URSA MAJOR neo work program:

Activity 2: Enhanced truck parking Services

Sub-Activity 2.5: Italy - ITS at the RAVENNA Port

Dynamic parking information systems for truck drivers integrated with the management system of the parking area and with the gate management system to enhance the accessibility of the ferry terminal in the port from the road network



URSA MAJOR neo work program:

Activity 3: Improved traffic and traveler information

Sub-Activity 3.4: Italy - Variable Message Signs on motorways

Increase the density of Variable Message Signs to minimize congestion and reduce travel times. The deployment will follow the latest safety and quality standards to have an impact also on safety, in particular for freight transport.



URSA MAJOR neo work program:

Activity 4: Remove Bottlenecks

Sub-Activity 4.6: Germany (Hessen) - A5 - Hard Shoulder Running for Corridor Link Frankfurt Rhein-Main

A frequently congested section of motorway A5 (Alsfeld Ost - Hattenbacher Dreieck) will be integrated with a Hard Shoulder Running (HSR) system to reduce traffic jams.



URSA MAJOR neo work program:

Activity 5 : Improve safety for freight transport

Sub-Activity 5.8: Italy - A24/A25 - Detection and traffic management in tunnels incl. AID system

Implementation of active video-surveillance systems, including AID (Automatic Incident Detection) and SD (smoke detection) software, in 13 tunnels of motorways A24 and A25, to allow, manage and alert the automatic identification of any danger situation in fast and reliable way.



New in URSA MAJOR neo: new innovations – new partners

► Intermodal Freight

- Today's real-time logistics chains require cooperative traffic management of ports, road-rail terminals and the road operators of the surrounding trunk roads (commonly agreed Traffic Management Plans, dynamic parking information...)



► Roadworks coordination and information

- Roadworks are a major threat for road safety (especially freight safety), and their number is increasing for various reasons (aging infrastructure, new regulations...)
- Better coordination between road operators and better information of road users can mitigate the negative impact of roadworks



New in URSA MAJOR neo: new innovations – new partners

- ▶ Cooperative ITS Roll-out
 - ▶ Cooperative ITS is starting large scale roll-out, e.g. roadworks warning messages transmitted from safety trailers directly into approaching vehicles



- ▶ Truck Platooning
 - ▶ First as part of real life business operations with cargo by a number of trucking companies and shippers during two years

URSA MAJOR neo

Conclusions

- ▶ URSA MAJOR neo is the largest project selected for funding in the 2016 ITS for Roads CEF call

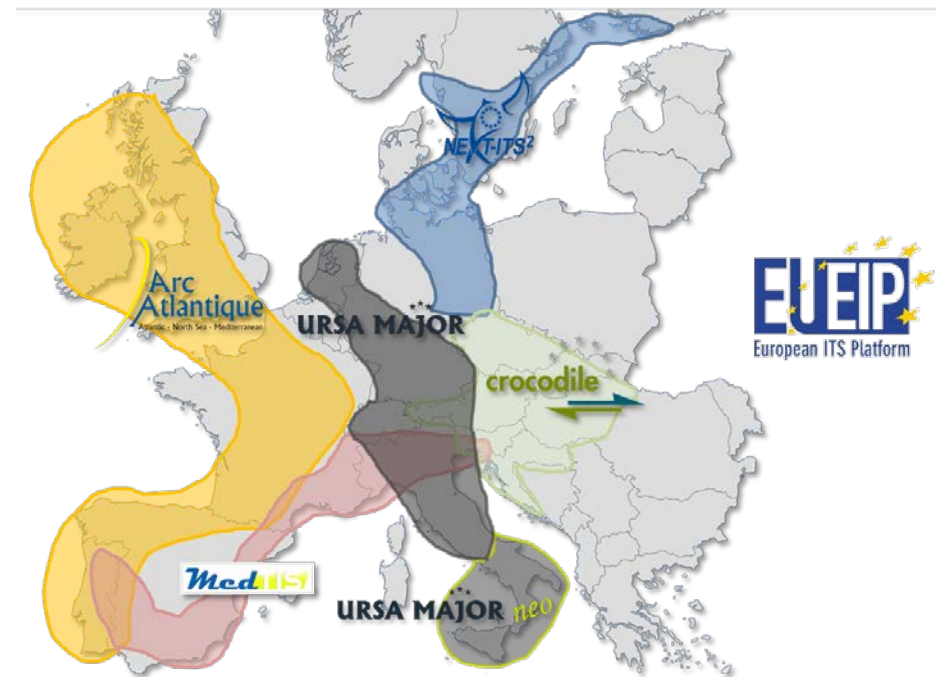
- ▶ The very good score of the UMneo application reflects
 - ▶ The good alignment with the Scandinavian – Mediterranean Corridor
 - ▶ The strong contribution of the UMneo ITS deployment projects to long-distance, intermodal freight transport
 - ▶ The relevance of UMneo pilots for preparing large-scale roll-out of innovative technologies like Cooperative-ITS and automated, connected driving

- ▶ The URSA MAJOR partners built a strong partnership for deployment of innovative transport technology on the road network of the ScanMed Corridor

European ITS Platform & ITS Deployment Corridors

European cooperation on harmonised ITS deployment

- ▶ Road Operators cooperate along five ITS Deployment Corridors on harmonised roll-out of ITS
- ▶ Aligned with the core network corridors (East West is considered)
- ▶ The European ITS Platform (EU EIP) forms an umbrella for
 - ▶ Common work on harmonisation activities
 - ▶ Technical cooperation
 - ▶ Exchange of Best Practice
 - ▶ Development of common guidelines for ITS deployment
 - ▶ External stakeholder liaison



Contact

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