

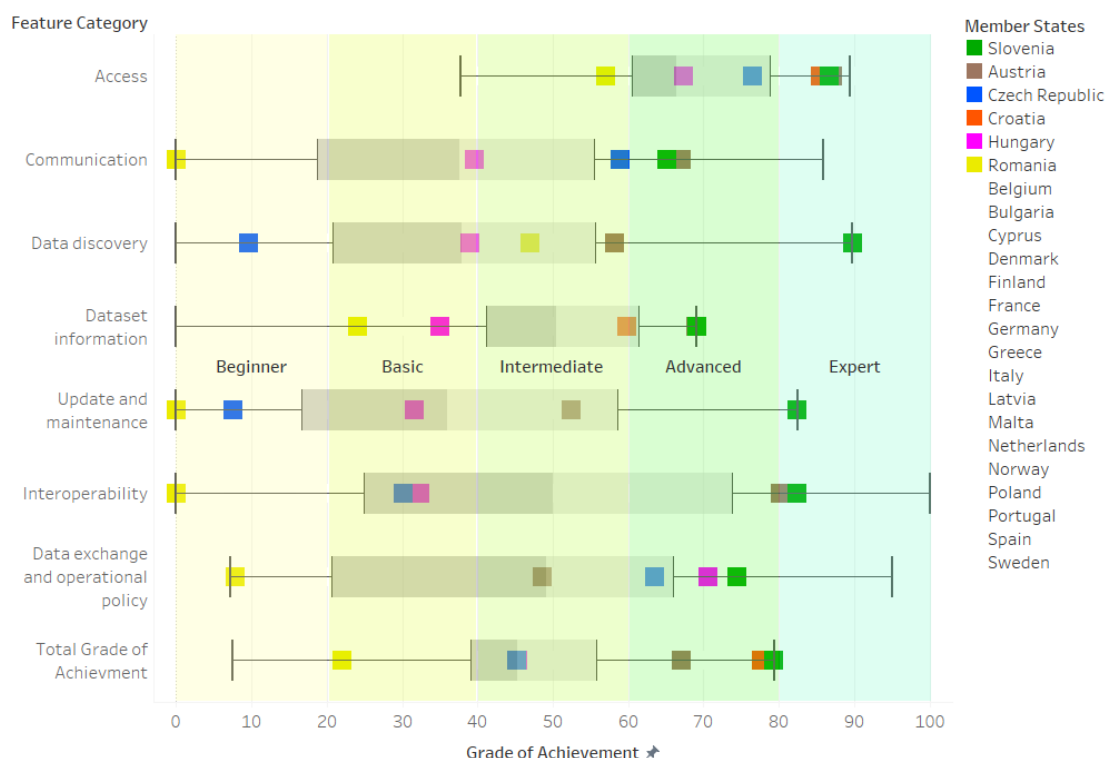
Fact Sheet 2 - Harmonised Data Exchange in EUROPE

Introduction

X4ITS is in its second project year. Results have been achieved regarding the harmonised upgrade of National Access Points (NAPs), putting in place Memorandums of Understanding (MoU) and equipping multimodal nodes with digital infrastructure.

Overview of NAPs from Member States

The second technical workshop of X4ITS took place on 9th April 2025 in Zagreb. With over 40 participants, many valuable insights were shared. The main objectives were gaining an overview of the NAP landscape in Europe and exchanging experiences on upgrading NAPs. All X4ITS Member States have self-assessed their NAP within the NAPCORE project based on 8 different Key Performance Indicators (KPIs): Access, Communication, Data Discovery, Update and Maintenance, Dataset Information, Interoperability and Data Exchange & Operational Policy. The results in the figure below show that the level of achievement and maturity vary significantly between member states.



Learnings from the Technical Workshop

Key learnings highlight that structured and formal support from a dedicated workforce (e.g. project partners and also cross-corridor partners) can significantly enhance the functionality and effectiveness of a NAP. Furthermore, it was observed that managing both the National Body and the NAP within a single organisation may improve operability and coordination. Organising national and international NAP meetings helps foster harmonised implementation strategies. Sharing knowledge and applying NAPCORE recommendations support the alignment of NAPs and facilitate interoperability.

Overall, the workshop emphasised that patience and persistence are essential qualities for successfully coordinating a NAP in the long term. Based on these insights, recommendations for data providers and NAP coordinators have been defined in Central and Eastern Europe to improve connectivity among Member States.



Findings & Recommendations

The following findings and recommendations resulting from the technical workshop will unify effective development of NAPs to ultimately improve data availability and interoperability across Europe. Data providers shall ensure harmonised data structures and high-quality, accessible data as well as implement automated, regular data uploads. NAP coordinators shall establish standardised processes for data evaluation and authorisation, increase stakeholder involvement and use NAPCORE recommendations. A harmonised and user-friendly interface across NAPs shall be ensured as well as a simplified registration process for data providers and upgraded search tools to improve data discoverability.

MoU on Harmonised Deployments of (C)-ITS in Europe

At the ITS European Congress in Seville, X4ITS, SCALE, C-Roads Austria, C-Roads Germany, the C-Roads Platform, and the corridor projects MERIDIAN and MATIS signed a MoU. The projects agreed on specific objectives and activities, including a commitment to use C-Roads specifications for deployment activities, and conversely, to integrate feedback from the corridor projects into the ongoing specification work of the C-Roads platform.

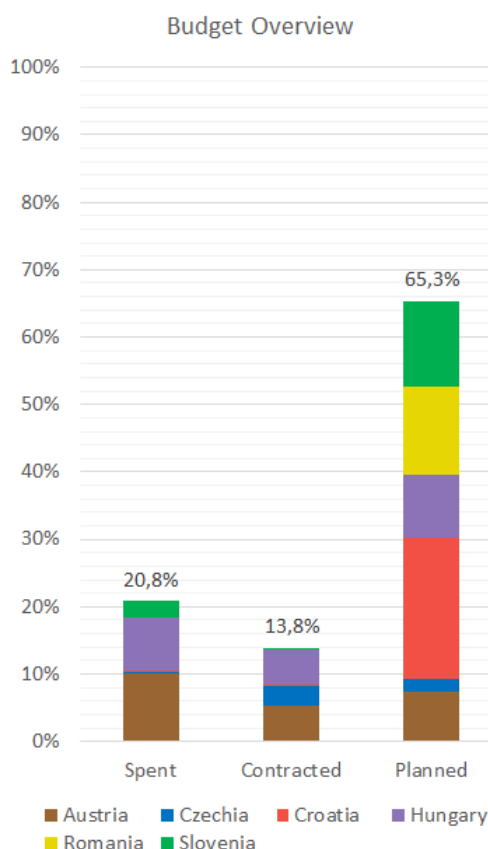
To enhance sustainability in Europe, information on C-ITS deployments will be exchanged and aligned with the C-Roads C-ITS Deployment Strategy. A joint assessment methodology will be developed to evaluate the benefits of European (C)-ITS deployments. Shared evaluation approaches and mutual promotion of C-ITS will help strengthen the overall European impact.

Multimodal Nodes with Monitors

One of the first deployments in X4ITS were digital interfaces on selected multimodal nodes. ASFINAG and ÖBB Rail Cargo Group have enhanced comfort on the rolling road by installing monitors at RoLa terminals and launching a mobile solution that provides real-time traffic, weather, and rest stop information, along with booking options via QR code. The system, designed for future expansion, ensures that lorry drivers and dispatchers can access vital travel information both at the terminal and on their smartphones.

Financial Realisation

The diagram on the right depicts the current budget situation of the X4ITS project. 20.8 % of the entire project budget has been spent. Of the remaining 79.1 % of the budget, 13.8 % are already contracted but not yet spent and 65.3 % are still planned to be spent until the end of the project.



Key figures

implemented / contracted



Roadside Units
32 / 6



On-Board Units
13 / 4



Variable Message Signs
2 / 29



CCTV cameras
4 / 26



km TEN-T with roadside data collection
1449 / 130



km secondary roads with roadside data collection
683 / 10



Multimodal nodes with digital infrastructure
5 / 0



km secondary roads with digital infrastructure
3 / 0