


viadonau

 Bundesministerium
Verkehr, Innovation
und Technologie

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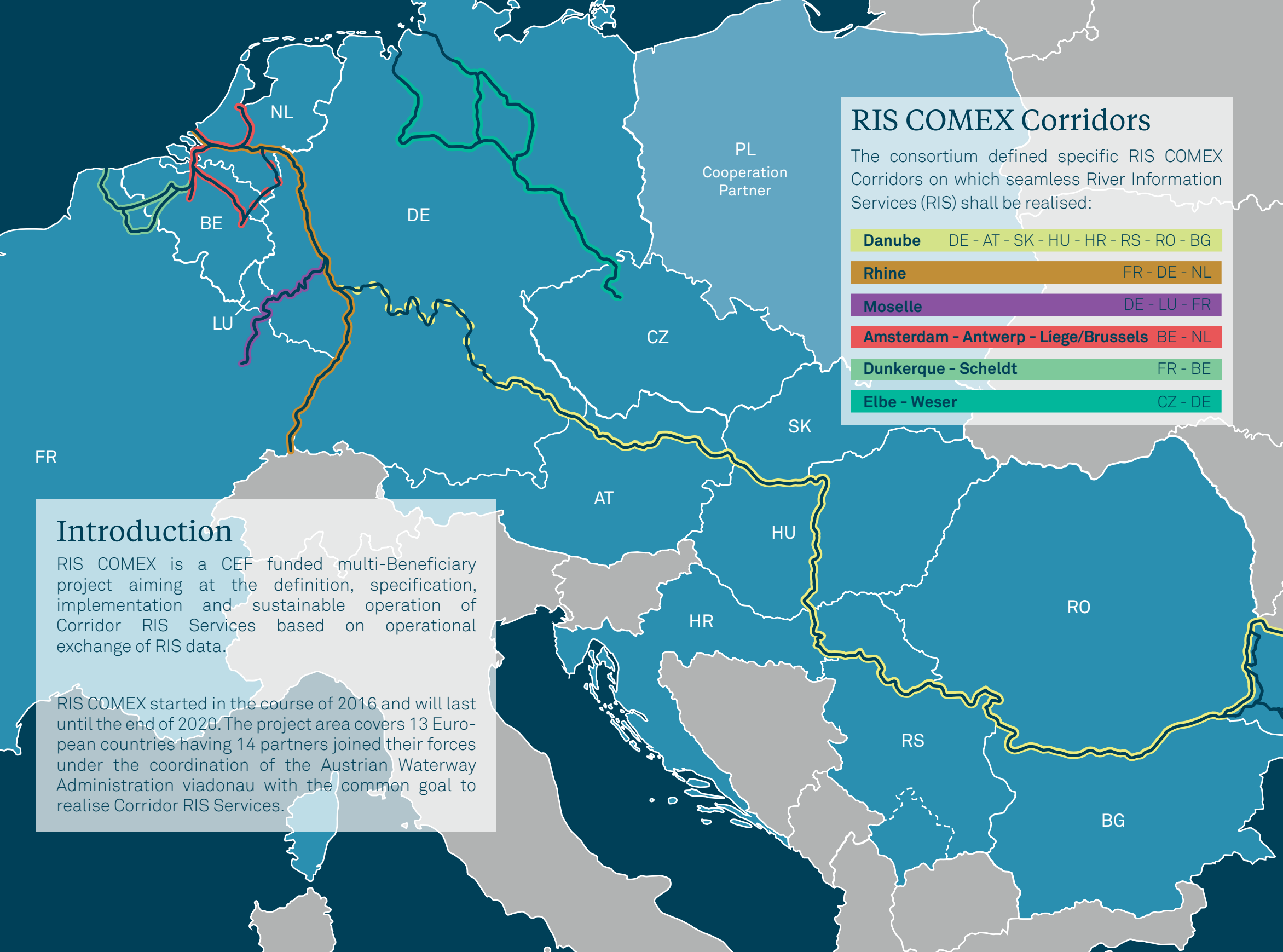


riscomex.eu



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RIS COMEX Corridors

The consortium defined specific RIS COMEX Corridors on which seamless River Information Services (RIS) shall be realised:

Danube	DE - AT - SK - HU - HR - RS - RO - BG
Rhine	FR - DE - NL
Moselle	DE - LU - FR
Amsterdam - Antwerp - Liège/Brussels	BE - NL
Dunkerque - Scheldt	FR - BE
Elbe - Weser	CZ - DE

Introduction


RIS COMEX is a CEF funded multi-Beneficiary project aiming at the definition, specification, implementation and sustainable operation of Corridor RIS Services based on operational exchange of RIS data.

RIS COMEX started in the course of 2016 and will last until the end of 2020. The project area covers 13 European countries having 14 partners joined their forces under the coordination of the Austrian Waterway Administration viadonau with the common goal to realise Corridor RIS Services.


Objectives

- Continue harmonised RIS implementation in Europe
- Provide seamless RIS services on Corridor level for the users
- Establish necessary frameworks for sustainable operation
- Closely cooperate with stakeholders to optimise the services


Expected Results




Better plannability and reliability of inland waterway transports




Reduction of waiting and travel times




Reduction of administrative burdens



Optimal use of infrastructure (increased utilisation of capacities)



Increased efficiency of inland waterway transports



Reduction of costs

Users



Vessel Operators



Logistics Users



Skippers




Authorities

RIS Corridor Management

Corridor Management is the next step in the development of River Information Services to improve safety, efficiency and reliability of inland navigation including positive effects on the protection of the environment. RIS enabled Corridor Management as a concept aims at consolidating available national RIS services and information in order to provide these, ideally seamlessly, within the Corridors. This enables reliable route and voyage planning as well as transport and traffic management which are at present just available in fragments.


The RIS Corridor Services are categorised into three levels:

LEVEL 1



Corridor Services support route planning by providing reliable fairway- and infrastructure information (water levels, notices to skippers, operational status of locks, etc.)

LEVEL 2



Corridor Services support voyage planning and traffic management by providing reliable traffic information (traffic densities, passage durations, etc.).

The Level 2 Corridor Services are further divided into:


LEVEL 2a

Corridor Services taking into account the actual traffic situation

LEVEL 2b

Corridor Services taking into account the forecasted traffic situation

LEVEL 3



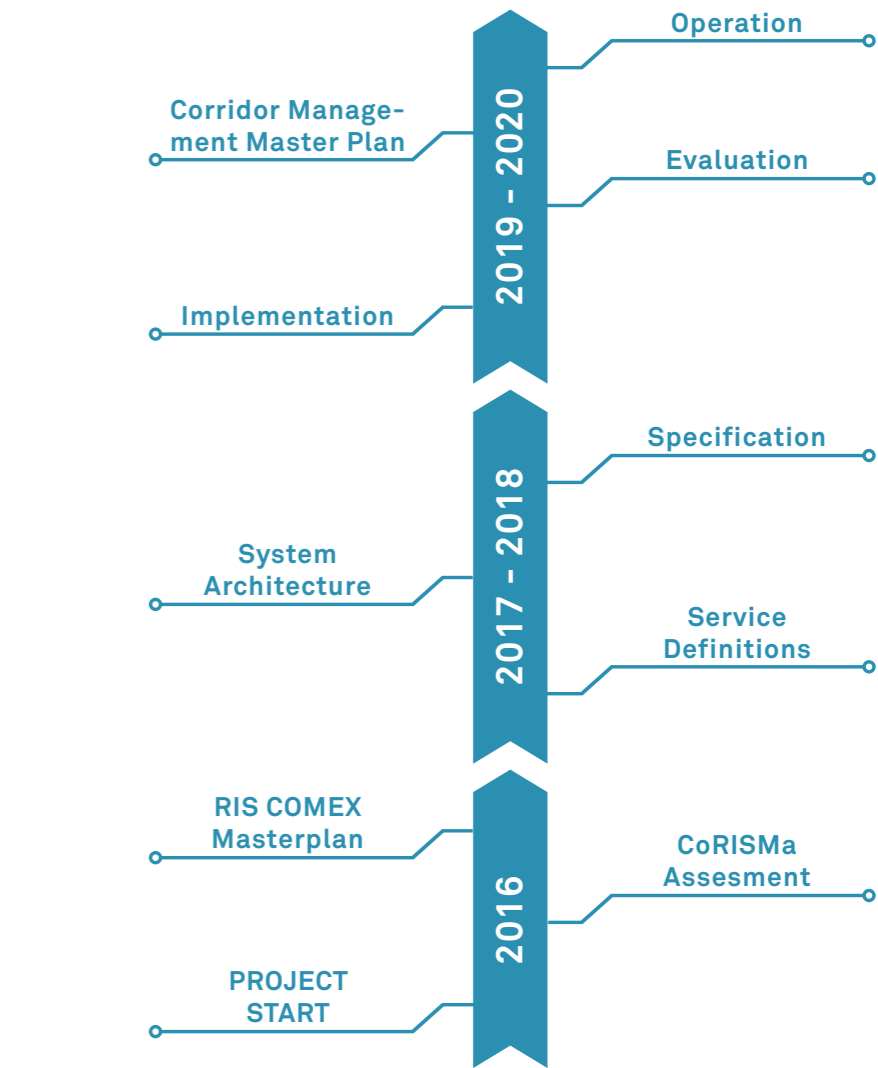
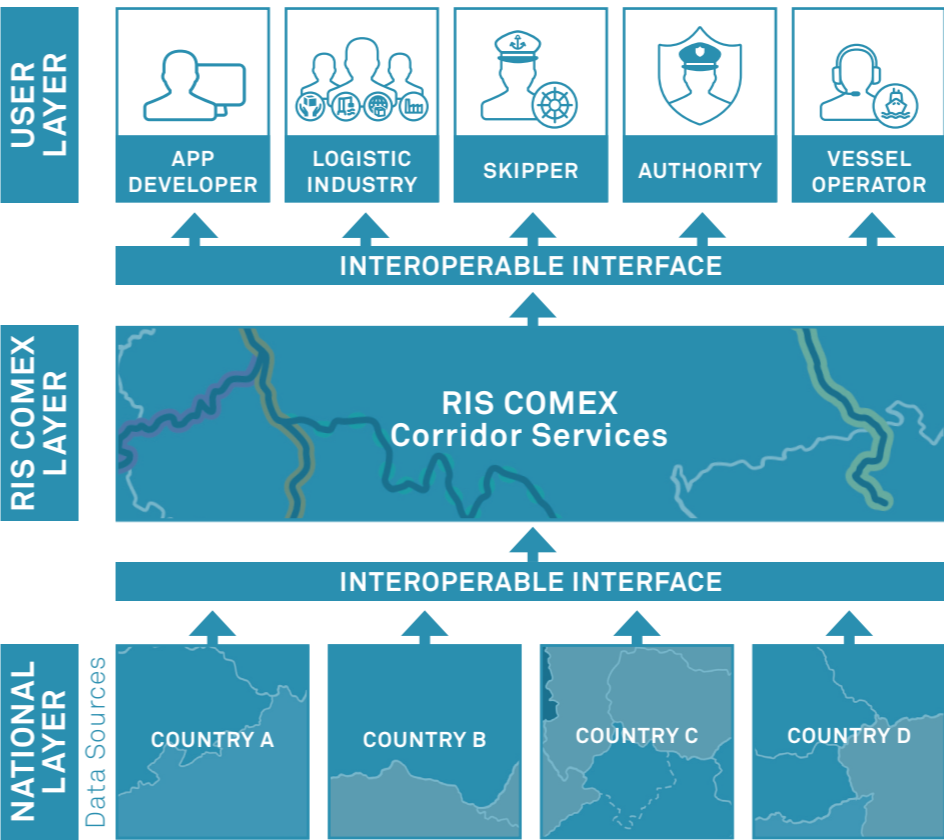
Corridor Services support transport management by the logistic partners by providing reliable vessel specific information to authorised users (vessel positions, estimated times of arrival, cargo- and voyage information, etc.)

Solution

The key mission of the RIS COMEX solution is to implement harmonised Corridor Management focusing on the provision of all required information to the users of each Corridor by one single point of access, preventing the user from having to collect the information from various different data sources.

This will be realised by gathering all related data from the national sources and provide value added services through a central system to the (authorised) users, e.g. via a user portal (web page) or by means of web services for the direct integration of the information in existing in-house systems.

The architecture of the RIS COMEX solution:



PARTNERS

