

### **3. OBJECTIVES AND PRIORITIES:**

#### **3.3. Priorities for the objective of optimising the integration and interconnection of transport modes and enhancing the interoperability of transport services, while ensuring the accessibility of transport infrastructures**

##### **3.3.2. River Information Services**

###### General objectives:

RIS are regulated through Directive 2005/44/EC of the European Parliament and of the Council<sup>1</sup> which defines provisions related to the interoperability for data communication and RIS equipment as well as the minimum data requirements for navigation and voyage planning. Actions addressed under this priority shall comply with Chapter II, Section 2, and Article 31 of the TEN-T Guidelines.

Digitalisation of Inland waterway transport should aim to interconnect information on infrastructure, people, operations, fleet and cargo in the inland waterway transport (IWT) sector and to connect this information with other transport modes, by leveraging as much as possible innovative features offered by EGNOS/Galileo services.

Proposed Actions under this priority shall address either works or studies.

In addition, proposed Actions shall address the following specific objective.

###### **Specific objective 13: deployment of on-board and of land-based components of RIS**

Actions addressing this specific objective shall focus on the on-board and land-based components of RIS or other related telematics applications, including:

- Infrastructure,
- Technologies,
- Equipment including fixed or mobile hardware and software,
- Services and applications,
- Inter-linkage with components of telematic applications of other modes of transport and of logistic services.

Such actions shall complement existing CEF actions and focus on areas not already covered by previous actions.

They shall contribute to a coherent deployment of Union-wide harmonised RIS components.

RIS components shall support the deployment of harmonised information services to support traffic and transport management in inland navigation, including, wherever technically feasible or relevant, interfaces with other transport modes and logistics services.

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<sup>1</sup> Directive 2005/44/EC of the European Parliament and of the Council of 7 September 2005 on harmonised river information services (RIS) on inland waterways in the Community (OJ L 255, 30.9.2005, p. 152).

River information services shall aim at the deployment of interoperable, harmonised solutions and shall address services such as fairway information, traffic information, traffic management, calamity abatement support, information for transport management, statistics and customs services and waterway charges and port dues. Further RIS services and applications shall focus on those which lead to an increased level of safety.

Actions may also comprise:

- The further development of favourable conditions to support a coherent deployment of RIS for instance with regard to reporting requirements or other related telematics applications;
- The maintenance and amendment of standards and technical specifications, establishing compliance with revised RIS Regulations;
- The definition and implementation of harmonised concepts for (cross-border) exchange of data between authorities, inland waterway transport operators or users;
- The interconnection of national systems and interconnections with systems at Union level as well as related technical and administrative agreements;
- The further enhancement and fine-tuning of RIS key technologies, systems, services and applications to take account of the state of the art;
- Reduction of administrative burden and elimination of paper flow of documents, establishing solutions to facilitate machine to machine communication.