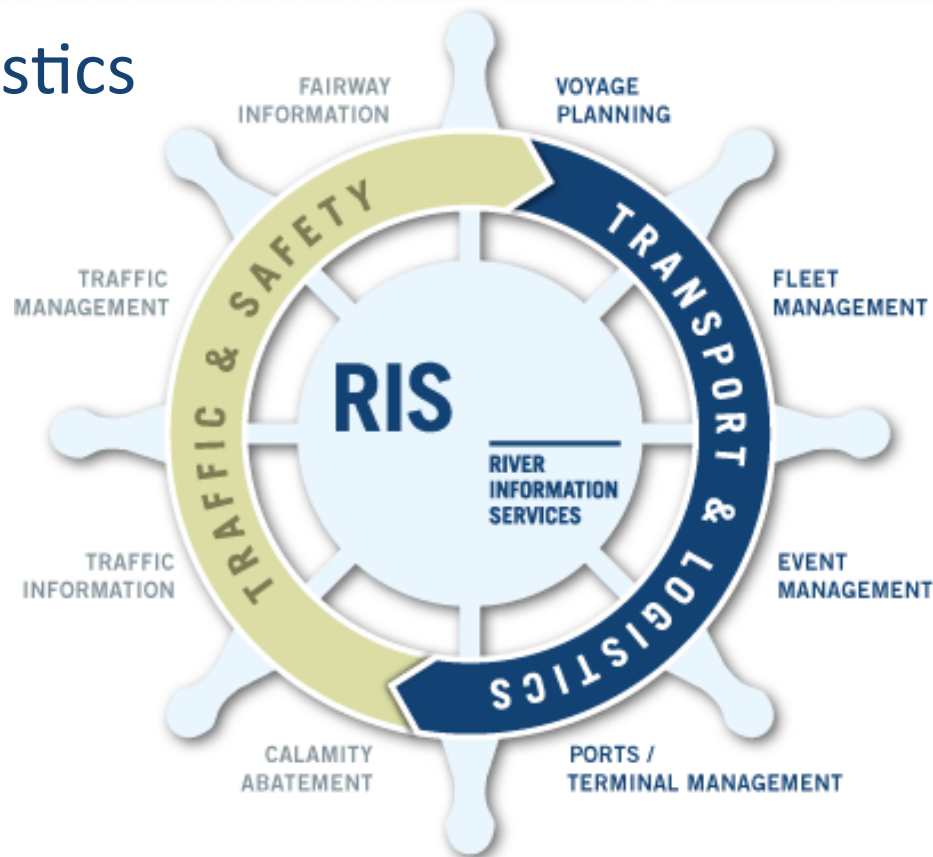- **RISING Mission**

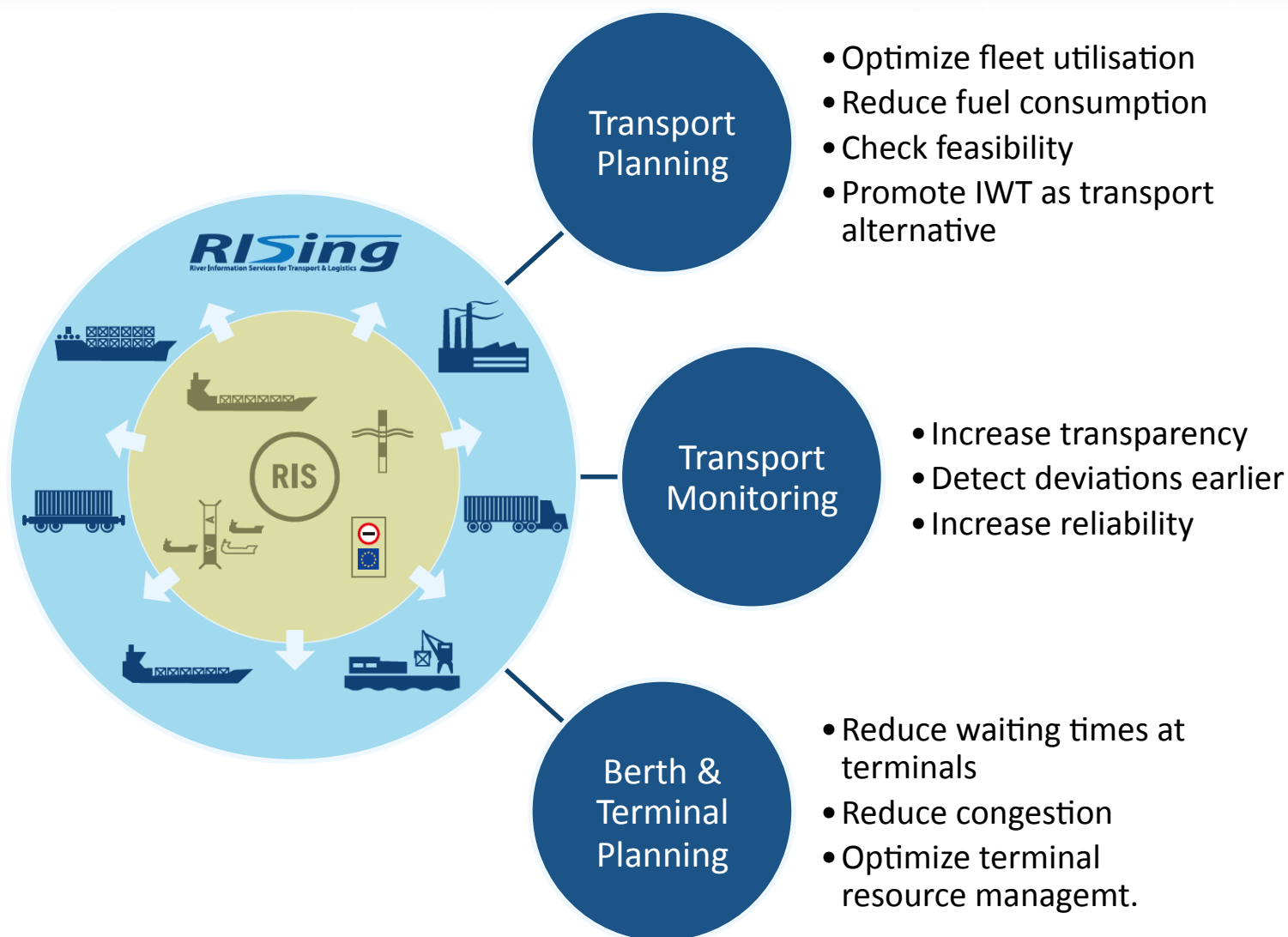- **Current Status**

- **Common Issues**

- Exploitation of RIS for logistics purposes

- Extend types of users
  - Fleet Managers
  - Ports & Terminals
  - Logistic Service Providers
  - Cargo Owners

- Enhance existing services

- Develop new (harmonized!) services

Geographical Location of the Demonstrators

- ARA-Ports
- VoyagePlan
- Rhine Port
- Weser-ARA
- Elbe
- Danube-West
- Danube-East
- Flanders

RISing
River Information Services for Transport & Logistics

Transport Planning

- Optimize fleet utilisation
- Reduce fuel consumption
- Check feasibility
- Promote IWT as transport alternative

Transport Monitoring

- Increase transparency
- Detect deviations earlier
- Increase reliability

Berth & Terminal Planning

- Reduce waiting times at terminals
- Reduce congestion
- Optimize terminal resource managemt.

- **Specifications** of RISING services are ready (since March 2011)

- **Implementation** of the services has been completed. Real benefits of RIS information (AIS, ERINOT, NtS [-webservices]).

- Real-life **Demonstration** currently in progress (until March 2012)

- **Evaluation** of the results is being carried out in parallel. Intermediate results (assessment of logistical benefits of RIS) → available soon.

End of the project 31 May 2012

- On 1 December 2011 IRIS Europe II and RISING will be presenting their results in Duisburg
- Visit www.rising.eu/web/guest/final-event for
  - Programme & Speakers
  - Dates & Locations
  - Registration Form

- Legal contracts for RISING demonstrations regarding (inter-)national data exchange and protection

  - IRIS Europe II, PLATINA

  - Usage of IRIS Europe II SAP (Strategic Action Plan) as legal basis for the data exchange for RISING demonstration actions including data exchange between RIS providers for T&L purposes.

  - Contract templates are used for RISING demonstration work till end of IRIS Europe II (31.12.2011)

  - Follow-up contract templates for RISING demonstration actions are missing due to missing legal frameworks for the international RIS data exchange for T&L purposes.

- **TES service (Transport Execution Status)**
  - RIS-ERI / IRIS Europe II (ERINOT), Freightwise / eFreight (TES, TOS)
  - The ERINOT message is used by the shipping company for reporting vessel, cargo and voyage data for T&L purposes. This data together with current position data (AIS) and ETA (TOS Service) of a specific vessel is the content of the TES message, which may enable the tracking and tracing of shipments along the international IWT transport for authorized users.

RISing
River Information Services for Transport & Logistics

- ERIVOY used for efficiency and reliability of transport
  - RIS-ERI Expert Group
  - The use of the ERIVOY message for transmitting detailed voyage information e.g. for the purpose of transport monitoring (B2B).
    Additional use for the management of locks and bridges by authorities or the approval of a voyage of a vessel with unusual dimensions of cargo (B2A).
  - First draft of XML ERIVOY Schema (XSD) has recently been published by ERI EG.
  - Draft needs to be reviewed and discussed.
    Proposal from RISING partners to make ERIVOY mandatory.

- Use of AIS position information for logistical users

  - Platina (EPIS) / IRIS Europe II (R2D2)

  - It is expected that EPIS will provide an interface enabling logistical users to subscribe to position data. RISING has specified POS service in cooperation with IRIS EU II (R2D2)

    - Current position

    - Waypoint passing

    - Geofencing (entry & leaving)

    - Standstill events

  - EPIS is running as pilot implementation with limited regional coverage. Interface to RISING is being prepared.

  - Interoperability with RISING POS specification needs to be clarified. Future of EPIS for logistical users is unclear.

- What is the strategic aim with respect to providing position information gathered via AIS to the transport & logistics industry?
  - R2D2 vs. EPIS
  - EPIS in collaboration with R2D2
  - neither

Thank you for your attention

Arne Gehlhaar

ISL – Institute of Shipping Economics and Logistics

Universitätsallee 11-13

28359 Bremen

Germany

www.rising.eu