



# MASTER PLAN IRIS

## Status IRIS Master Plan

*Building bridges between  
national projects and  
European Implementation*

July 7, 2005

Dieter Hintenaus





# Questionnaires (1)

- Questionnaires about services to be implemented until 2010 including financial information.
- Received from BE (2 times), FR, DE, NL, AT, CZ (until 2006), HU, HR, YU, RO, UA (first draft)
- Currently compared with each other to find eventual gaps in cooperation.





## Questionnaire (2)

- Luxembourg will follow Germany
- Poland does not reply
- UK, Sweden and Finland will not implement





# Total implementation 2010

Table 1; Functions covered in 2010

Countries		Austria	Belgium		Germany	France	Netherlands
			Flanders	Walloon			
<b>PIANC/CCNR guidelines functions</b>							
<i>1. Fairway Information Service</i>							
	FIS; Visual aids to navigation	████████	████████	████████	████████	████████	████████
	FIS; Radiotelephone service	████████	████████	████████	████████	████████	████████
---	FIS; Internet service	████████	████████	████████	████████	████████	████████
	FIS; Electronic Navigational Chart	████████	████████	████████	████████	████████	████████
<i>2. Traffic Information</i>							
	TTI; Tactical Traffic Information	████████	████████	████████	████████	████████	████████
	STI; Strategic Traffic Information	████████	████████	████████	████████	████████	████████
<i>3. Traffic Management</i>							
	VTS; Local Traffic Management	████████	████████	████████	████████	████████	████████
	NS; Navigational support	████████	████████	████████	████████	████████	████████
	LBM 1; Lock Bridge operation	████████	████████	████████	████████	████████	████████
	LBM 2; Lock Bridge planning	████████	████████	████████	████████	████████	████████
<i>4. Calamity Abatement Support</i>							
	CAS; Calamity Abatement Support	████████	████████	████████	████████	████████	████████
<i>5. Information for Transport Logistics</i>							
	VP; Voyage Planning	████████	████████	████████	████████	████████	████████
	TPM; Transport Management	████████	████████	████████	████████	████████	████████
	PTM; Intermodel port and terminal	████████	████████	████████	████████	████████	████████
	CFM; Cargo and Fleet Management	████████	████████	████████	████████	████████	████████
<i>6. Information for Law enforcement</i>							
	ILE	████████	████████	████████	████████	████████	████████
<i>7. Statistics</i>							
	ST	████████	████████	████████	████████	████████	████████
<i>8. Waterway charges and Harbour Dues</i>							
	CHD	████████	████████	████████	████████	████████	████████

████████ indicates functions will be operational for more than 80% on most waterways

████████ indicates some functions will be operational

████████ indicates no functions will be operational or indicated to become operational



# International tasks (1)

- Goal is to define a road map for research and development activities until 2010.
- Various issues are already defined
  - ENC distribution
  - Interconnection of GIS data bases
  - Depth data discussion & Water level models
  - Legal aspects of depth data provision





## International tasks (2)

- AI-IP vs. Inland AIS
- Centralised vs. Decentralised Position Server
- dGNSS and the Radionavigation Plan
- Preconditions for RIS implementation (e.g. quality of geographic data)





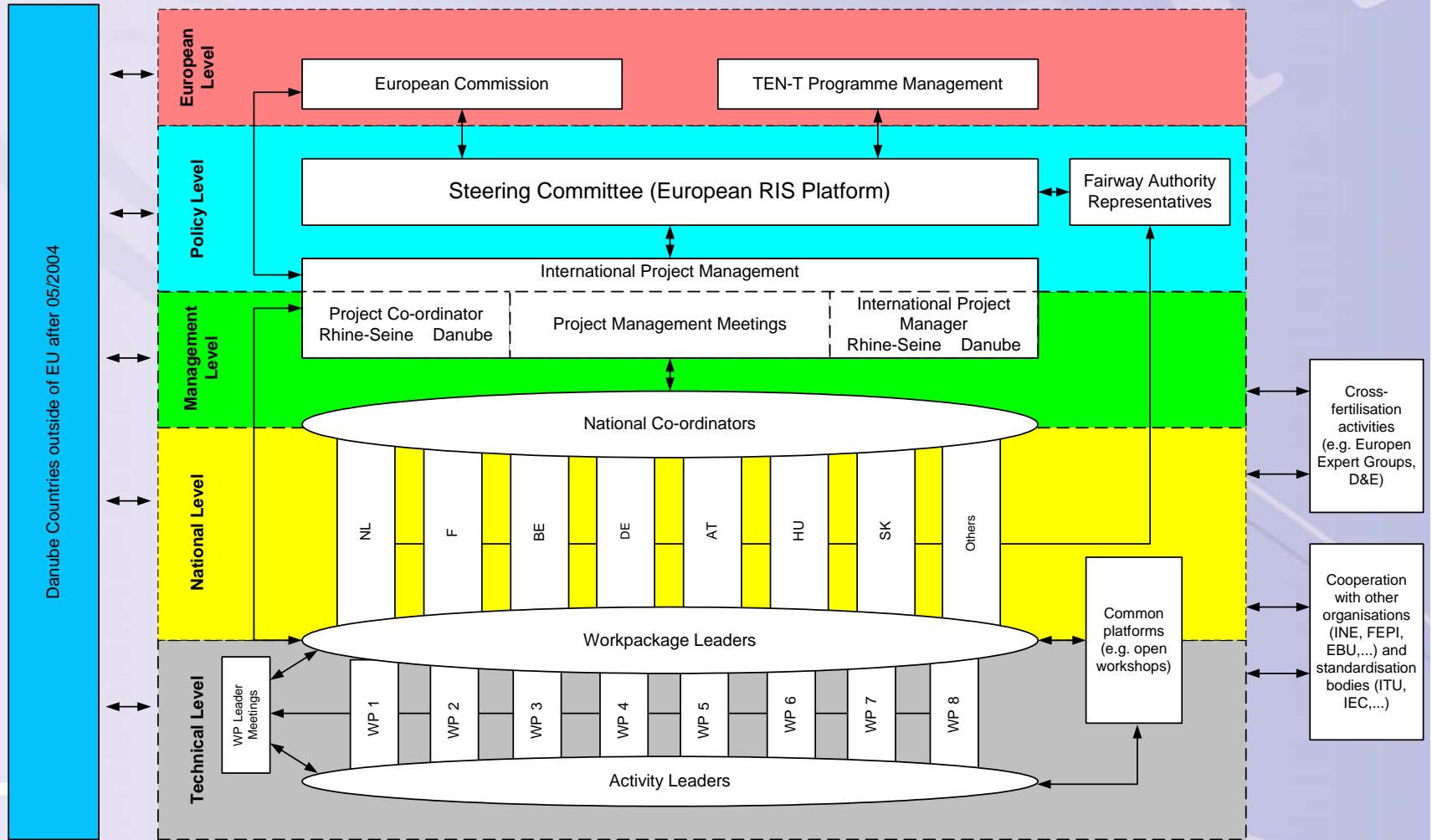
# Additional tasks

- Other tasks to be done in Europe on national and international level:
  - Outstanding recommendations of river commissions
  - Future role of the European RIS Platform and the RIS Committee
  - Communication and cooperation with inland navigation platforms (e.g. UN/ECE, EBU, INE etc. etc.)
  - National tasks (RIS operator, financial preparation of operation, training of staff etc.)





# Int. org. structure





# Dissemination of RIS

- Close co-operation with relevant DGs in Brussels (DG TREN, DG Environment)
- Lobbying of parallel subsidy programmes for Non-member States (DG RELEX, DG Enlargement)
- Consultation of important platforms (INE, IALA, PIANC, IMO, IHO, EBU, FEPI, ESA etc.), road map in preparation.





RIS has to be implemented together in order to ensure interoperable Europe-wide services to all users

**It is now time to implement!**

