

« EUROPE-INBO 2011 » 9th International Conference

MIÑO AND LIMIA RIVER BASINS

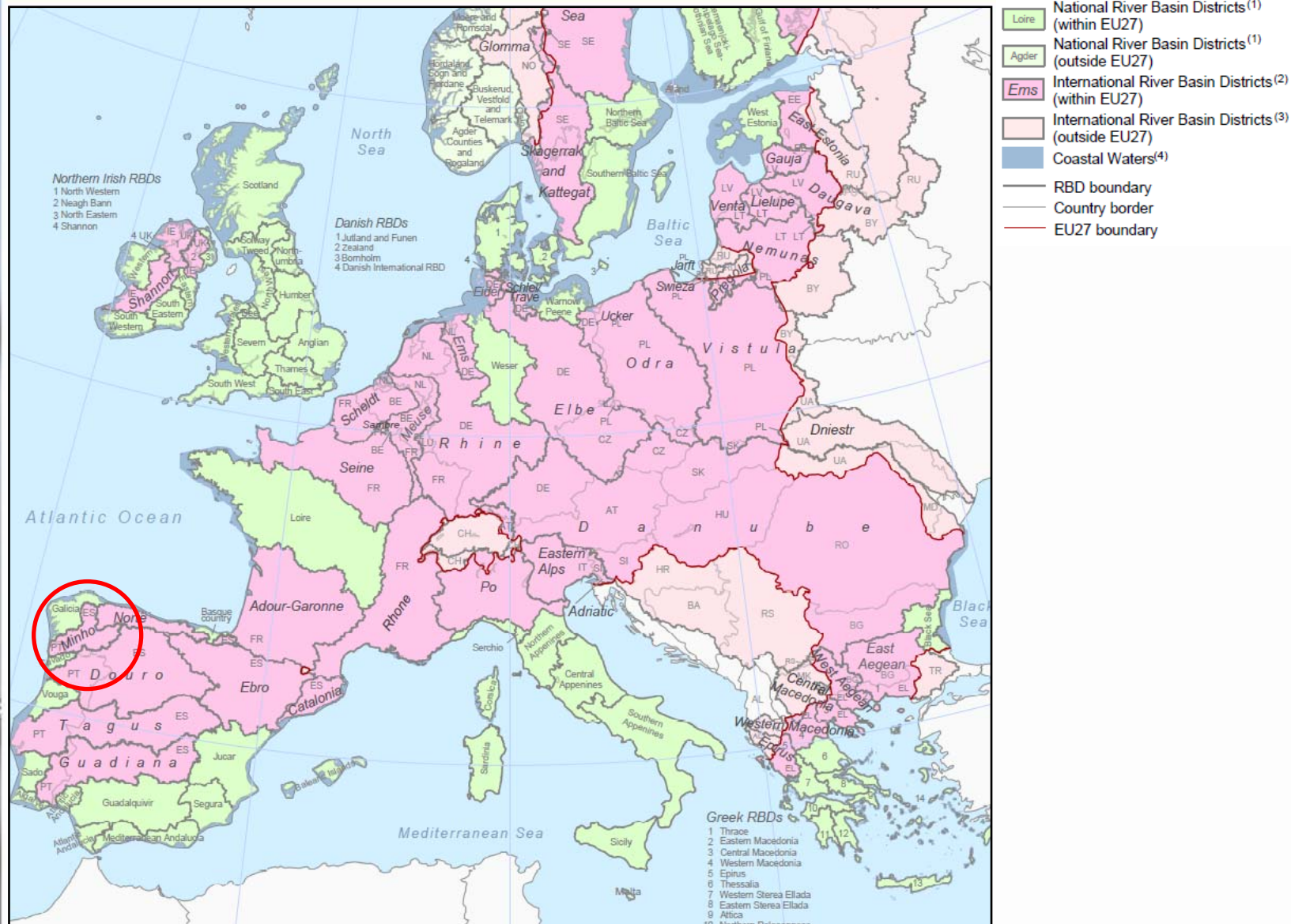
José Álvarez Díaz
Miño-Sil River Basin District's Planning Office, Spain

Water Governance in Transboundary River Basins:
Strategic cooperation and twinning among Water
Authorities

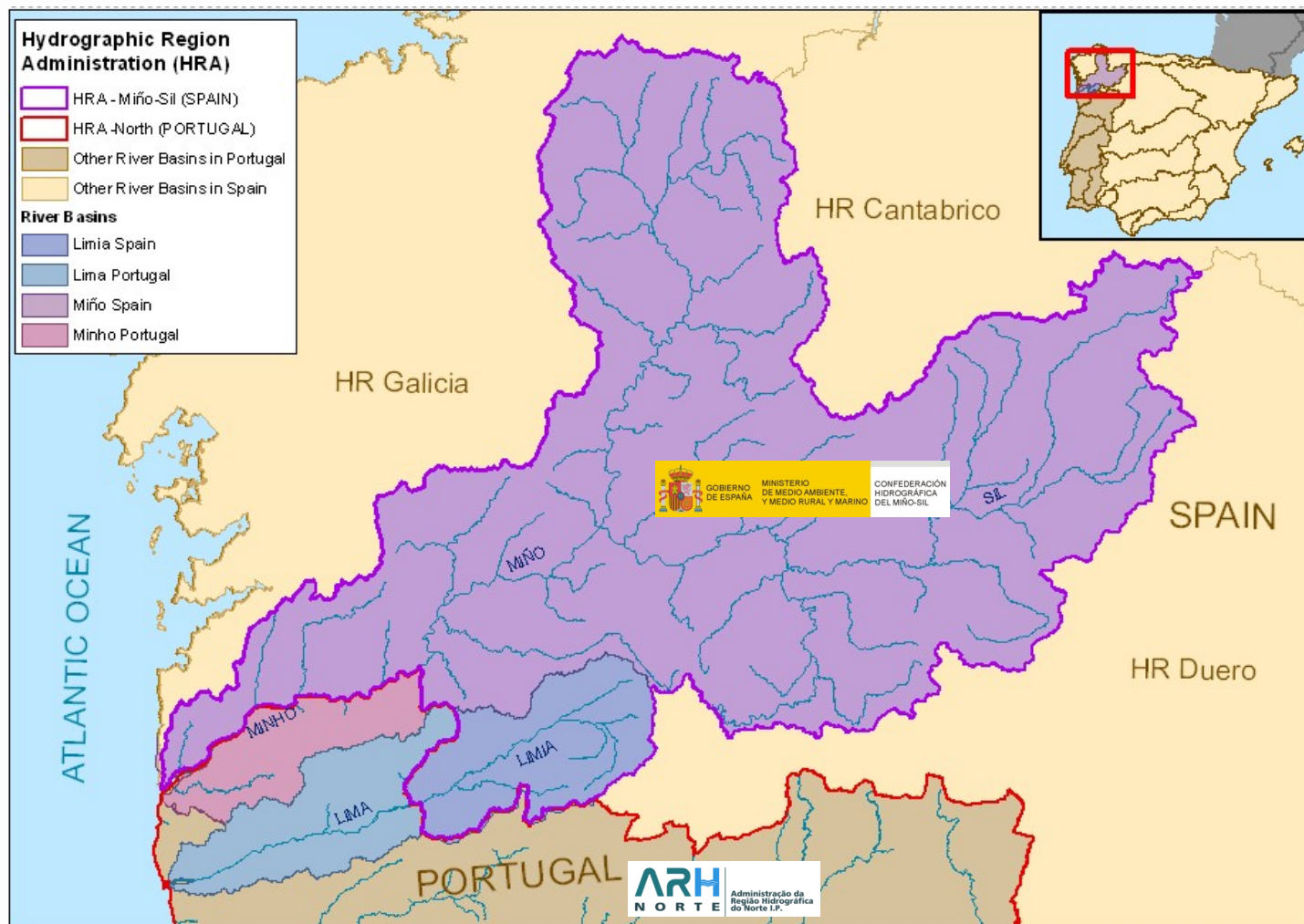
OPORTO, 29 SEPTEMBER 2011

INDEX

- 1. OVERVIEW OF THE TRANSBOUNDARY RIVERS MIÑO AND LIMIA**
- 2. MIÑO RIVER BASIN**
- 3. LIMIA RIVER BASIN**
- 4. CROSS-BORDER COOPERATION AND COORDINATION**



RIVER BASIN DISTRICT OF MIÑO-SIL IN SPAIN AND NORTH HRA IN PORTUGAL



MIÑO RIVER:

- The basin of the river Miño is shared by Spain (upstream country) and Portugal (downstream country).
- The river has its source in Spain and flows into the Atlantic Ocean.
- On its last 76 km, the Miño River represents the Spanish-Portuguese border (40 km transitional and coastal waters).
- The major transboundary tributary is Trancoso river



Basin of the Miño River			
Area	Country	Country's share	
17,080 km ²	Spain	16,230 km ²	95%
	Portugal	850 km ²	5%

TRANSBOUNDARY WATER BODIES



MIÑO RIVER BASIN

MIÑO ESTUARY

PORTUGAL

SPAIN



TRANSBOUNDARY WATERS MONITORING

Spain

MIÑO RIVER BASIN



LIMIA RIVER:

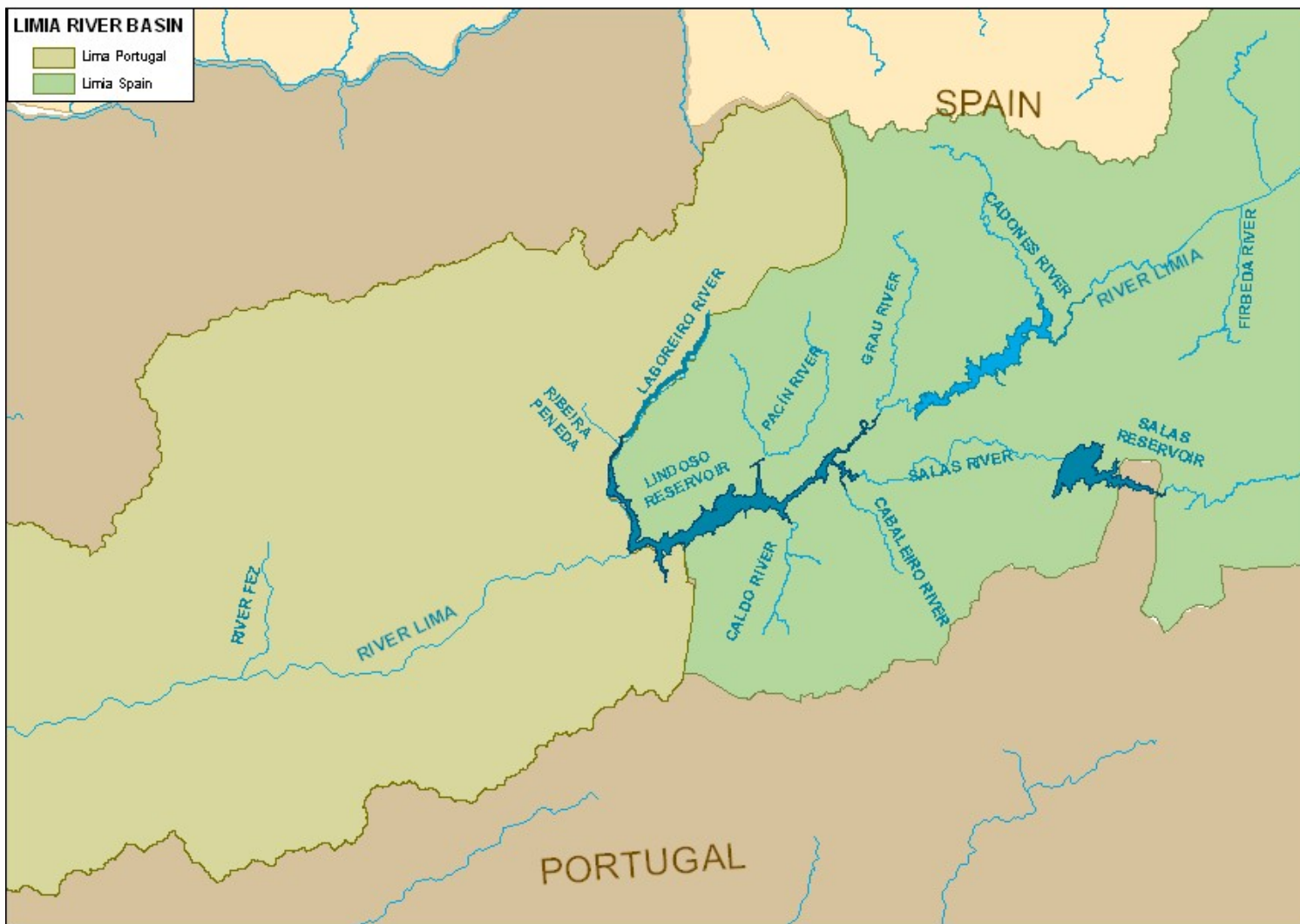
- The basin of the river Limia is shared by Spain (upstream country) and Portugal (downstream country).
- The river has its source in Spain at Lake Beon (975 m) and flows into Atlantic Ocean at the city of Viana do Castelo (Portugal).
- The last 67 km of the river pass through Portuguese territory.
- Major transboundary tributaries include: the rivers Laboreiro and Salas



Basin of the Limia River			
Area	Country	Country's share	
2,480 km ²	Spain	1,300 km ²	52%
	Portugal	1,180 km ²	48%

INTERNATIONAL PART OF THE RIVER LIMIA

LIMIA RIVER BASIN



TRANSBOUNDARY COOPERATION FRAMEWORK

The Water Convention (1992).



The Albufeira Convention (1998) regulates the transboundary waters in the
shared basins between Spain and Portugal.



The Framework Directive (2000).



COORDINATION OF RIVER BASIN MANAGEMENT PLANS (WORK IN PROGRESS):

- Improving monitoring networks in transboundary waters.
- Common proposal of two river nature reserves: Trancoso and Laboreiro rivers, tributaries of Miño and Limia Rivers respectively.
- The common development of a decision support system (DSS) for hydraulic resources planning.
- Transboundary workshops.

AIM: Integrated river basin management plan



"GESTIÓN RESPONSABLE DEL AGUA,
PARA UN FUTURO SOSTENIBLE"

Jornada de información y participación pública

INFORMACIÓN
TRANSPARENTE
PARTICIPACIÓN

Ourense, 13 de diciembre de 2010

Plan Hidrológico de la parte española de la Demarcación
Hidrográfica de las cuencas Miño, Sil y Limia (2010-2015).



Boletim Informativo

Outubro / Novembro / Dezembro 2010



Reabilitação de rios permite emprego social



Nortear a gestão da água



Coordenação e cooperação transfronteiriça



CARISMA PROJECT

www.carisma.eu



- CARISMA:** The main objective of the project is to develop actions to maintain and improve the excellent state of conservation of the transboundary rivers Trancoso and Laboreiro. Activities include: Water quality and quantity monitoring, improve water purification, recovery and conditioning of riversides and environmental education



Socios:

IEO



CETMAR
CENTRO TECNOLÓGICO DEL MAR

IPIMAR

centro de monitorização e
interpretação ambiental
VILA DO CASTELO



climar
Centro Interdisciplinar de Investigação
Marinha e Ambiental

centro de monitorização e
interpretação ambiental
VILA DO AÇOIA



Augas de
Galicia

CESAM
Centro de Estudos do Ambiente e do Mar
www.cesam.ua.pt



universidade
de aveiro



departamento
de biología

MC Baixo Miño

ARH
NORTE

Administração da
Região Hidrográfica
do Norte L.



GOBIERNO
DE ESPAÑA
MINISTERIO
DE MEDIO AMBIENTE,
Y MEDIO RURAL Y MARINO

CONFEDERACIÓN
HIDROGRÁFICA
DEL MIÑO-SIL

Coordinación y contacto:

Universidade de Vigo

Email: ecimat@uvigo.es

www.team-minho.eu

Proyecto cofinanciado por:



COOPERAÇÃO TRANSFRONTEIRIZA
ESPAÑA - PORTUGAL
COOPERAÇÃO TRANSFRONTEIRIZA

Unión Europea
FEDER



Invertimos en su futuro



Transferencia de herramientas
de evaluación, ordenación, ge
ducación ambiental



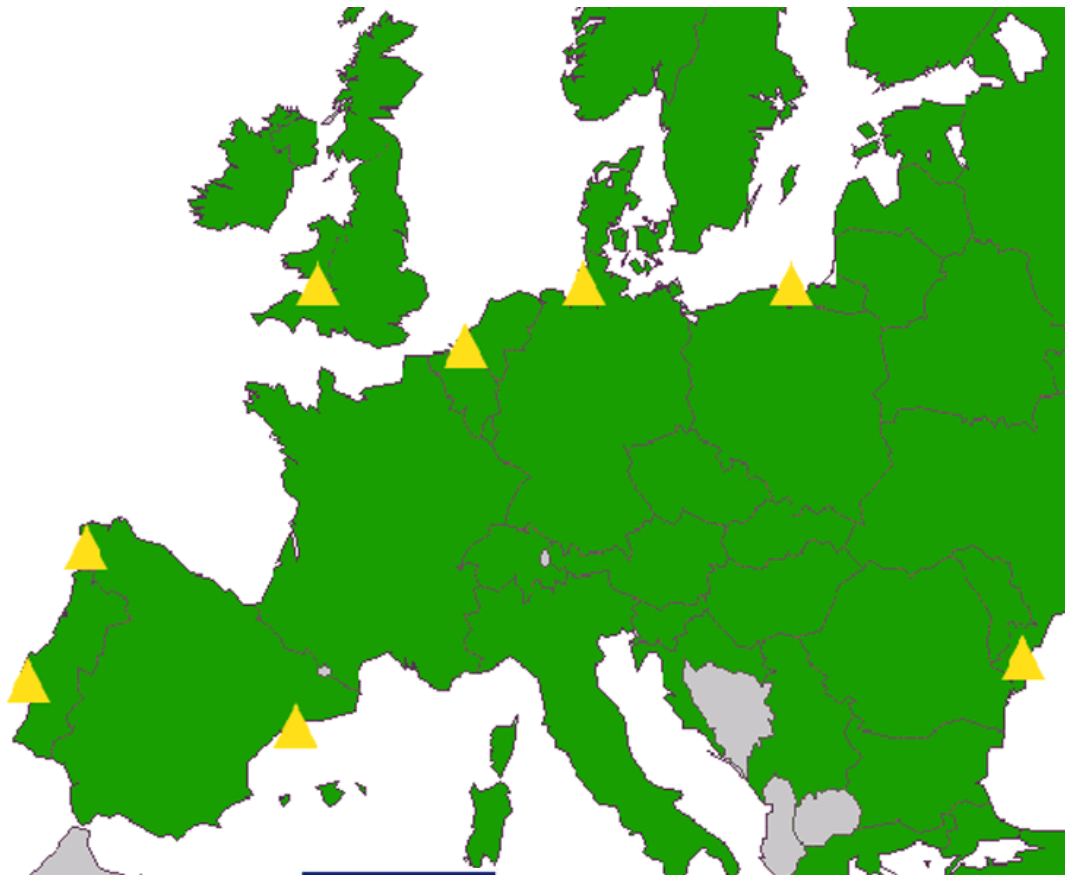
TEAM MIÑO:

Transfer of tools for implementing the Water Framework Directive in **transitional and coastal waters** of the NW of the Iberian Peninsula, in order to harmonize the management plans of Spain and Portugal to the international waters of the River Miño.



DeltaNet NETWORK OF EUROPEAN DELTAS

www.deltanet-project.eu





DLG GOVERNMENT SERVICE FOR LAND
AND WATER MANAGEMENT

MINISTRY OF ECONOMIC AFFAIRS,
AGRICULTURE AND INNOVATION



CAPACITY BUILDING ON WATER QUALITY MONITORING

Twinning project TR 09 IB EN 03



THANK YOU FOR YOUR ATTENTION

MIÑO RIVER MOUTH