



# RIVER RESTORATION EXPERIENCE IN ROMANIA

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# BACKGROUND

- Romania is founding member of ECRR, which was set up in 1999
- National Administration “Apele Romane” (ANAR) is member in Board Council of the ECRR
- Since September 2001, the Romanian Centre of River Restoration (RCRR ) was established through the Order of Ministry of Waters and Environment ( Art.7 in Water Law)



# ACTIVITIES

- 1999 – first national Workshop regarding “The Ecological River Restoration”, was organized by The National Administration “Romanian Waters” and National Institute of Environmental Research in Bucharest;
- 1999 – Board Meeting of ECRR was held in Bucharest;
- 2000 – The Training Course on “River Restoration” organized by the National Administration “Romanian Waters” together with the Romanian Centre for River Restoration (RCRR) in co-operation with experts from RIZA – The Netherlands and WWF- Germany took place in Bucharest



# ACTIVITIES

- 2003 -Interministerial Committee Work Meeting on Green Corridor of Lower Danube under the presidency of State Secretary in Ministry of Waters and Environmental Protection and President of Romanian Centre for River Restoration was held in Bucharest
- 2010 - “National River Restoration Centres/ Networks” - Seminar organized by ECRR and ANAR in Bucharest



# LEGAL FRAMEWORK

- The framework of river restoration topic in Romania is represented by:
  - Water Law 107/1996 with modifications and completions;
  - Ministerial Order 1215/2008 .

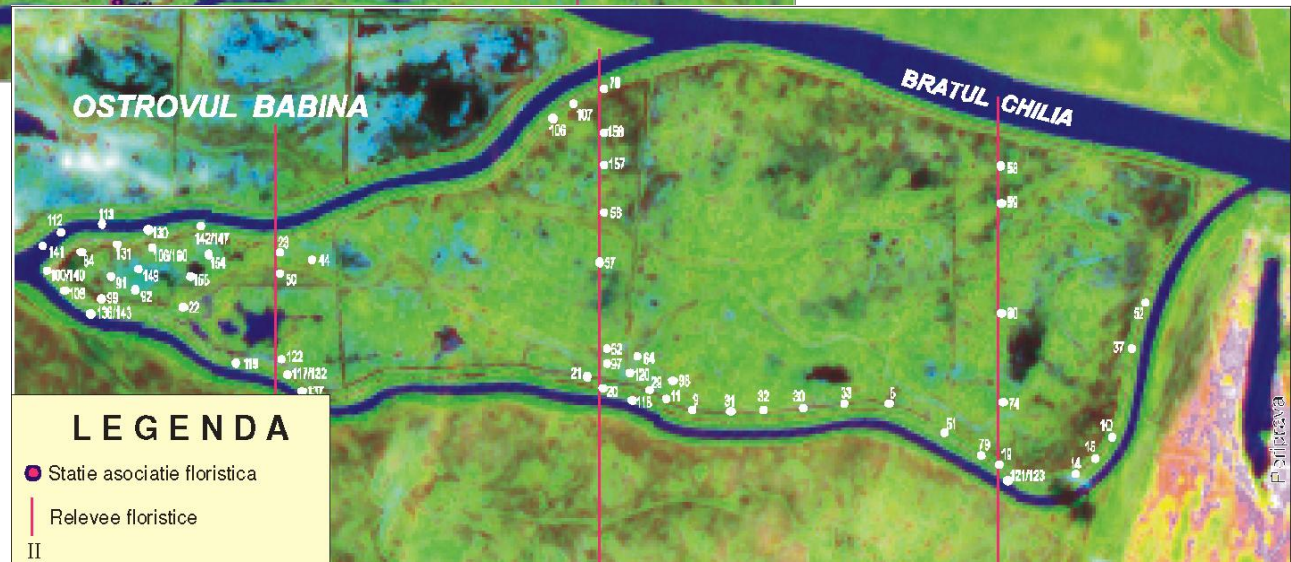
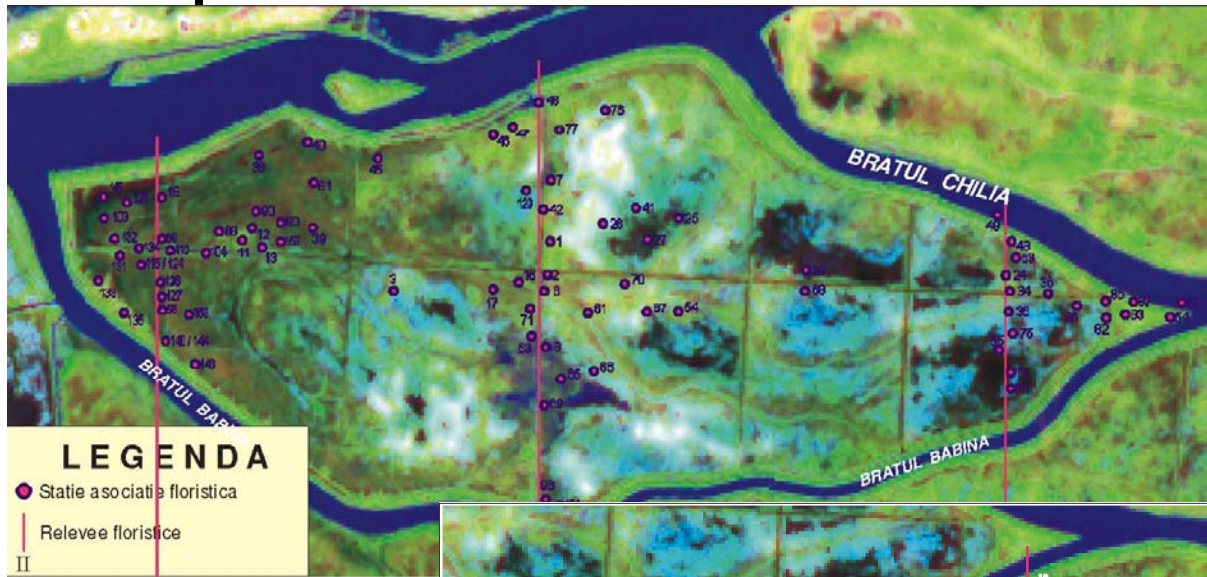


# PROJECTS

## ○ IMPLEMENTED

- 1998 – Restoration of Babina and Cernovca islands within Green Corridor Project ( INCDD – Tulcea);
- 2002 Restoration of Comana Wetland – Pr. LIFE 02/Nat/RO/008571 – Arges River Basin ( project coordinated by Giurgiu County Council);
- 2003-2006 – The Ciobarcu Wetland Project – Prut River Basin (cooperation between Prut River Basin Administration & RIZA);
- 2005 Lower Prut Floodplain – Pr. LIFE 05/Nat/RO/000155 – Prut River Basin( project coordinated by Regional Environmental Protection Agency – Galati, Romania);
- 2005 Conservation, restoration and sustainable management in Small Island of Braila – Pr. LIFE 06/Nat/Ro/000176 – Danube River Basin

# BABINA & CERNOVCA ISLANDS



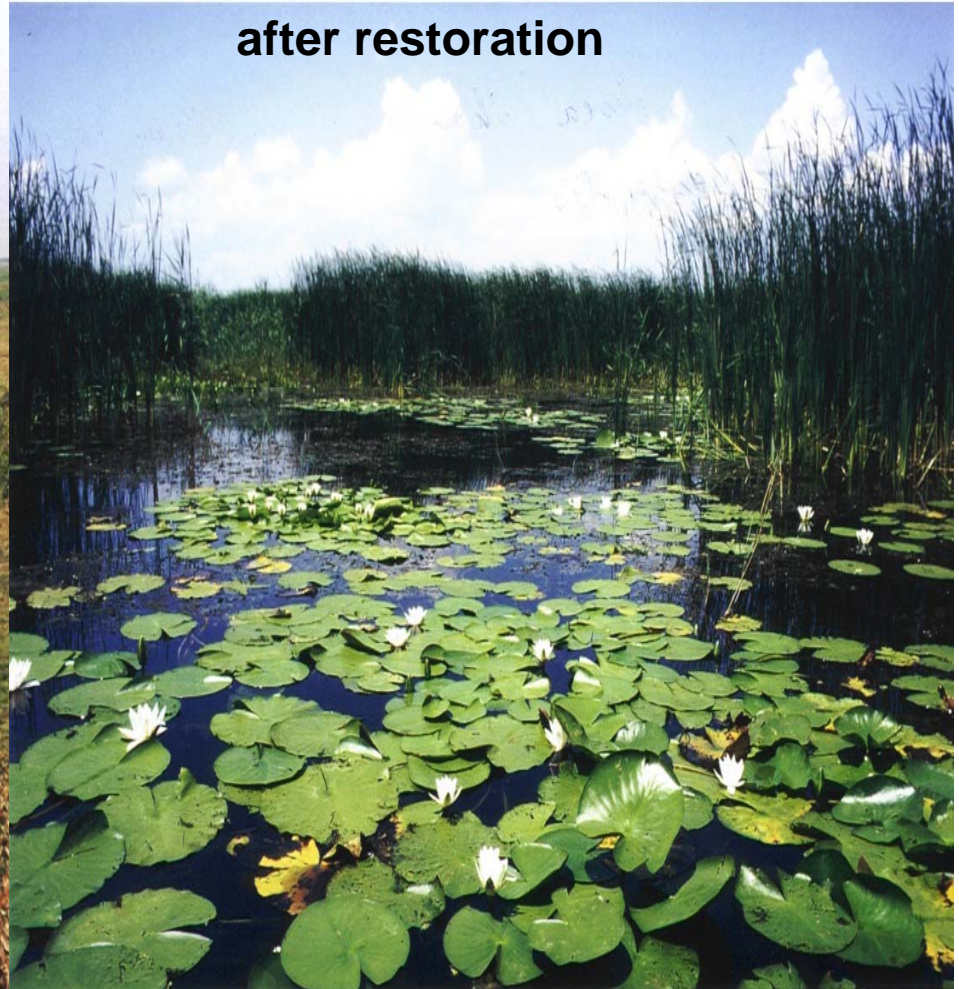


# Habitat in Danube Delta

**before restoration**



**after restoration**





# CIOBARCIU PROIECT

Before



After





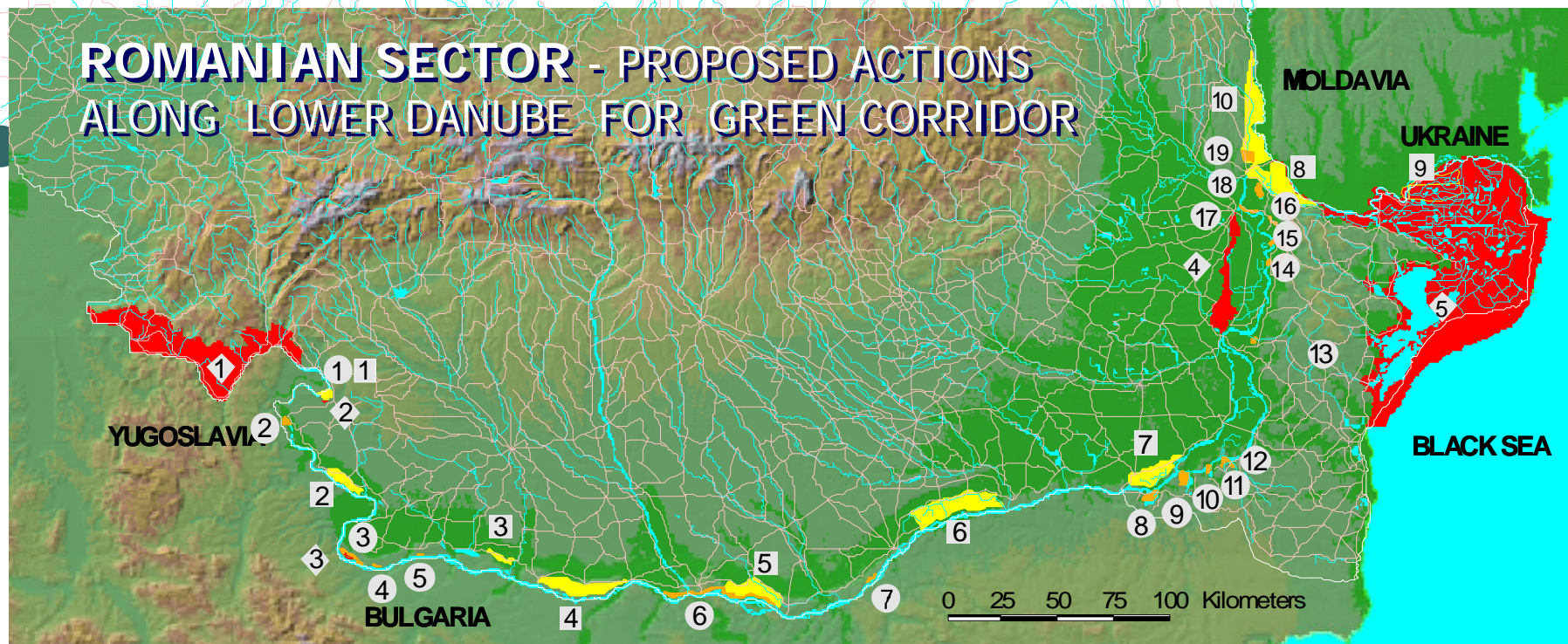


# PROJECTS

## PROPOSED

- Rehabilitation of Crisul Repede River downstream Oradea till Hungarian border (Crisuri River Basin);
- Ecological restoration of Bega Channel on the Timisoara-Serbian border sector (Banat River Basin);
- Restoration of the wetland area at the confluence of Calmatui River with Danube (**on going**);
- Ecological restoration of Mamina Valley (Arges River Basin-county Giurgiu)
- Ecological restoration of Caldarusani Lake (Arges River Basin)
- Green Coridor Project (cooperation WWF, WB- GEF, UE);
- Flood plains restoration along the Danube River (Nedeia & Rast area) in the framework of the implementation of the “Partners for Water” MoU RO/NL- study **on going**

# ROMANIAN SECTOR - PROPOSED ACTIONS ALONG LOWER DANUBE FOR GREEN CORRIDOR



## Existing protected areas:

1. Iron Gates Natural Park (115656 ha)
2. Starmina Forest (310 ha)
3. Ciuperceni - Desa Natural Reserve (200 ha)
4. Small Island of Braila Natural Park (17529 ha)
5. Danube Delta Biosphere Reserve (580000 ha)



## New areas planned to be studied in order to be declared as protected areas:

1. Hanova - Ostrovul Corbului (1980 ha)
2. Ostrovul Mare - Ostrovul Turcesc (230 ha)
3. Ciuperceni - Rast (2590 ha)
4. Pietris Islet (26 ha)
5. Vana Islet (105 ha)
6. Danube sector km. 587 - 636 (4863 ha)
7. Cama Dinu Islets (196 ha)
8. Bugeac Lake (1400 ha)
9. Oltina Lake (2509 ha)
10. Mirleanu Lake (550 ha)
11. Vederosa Lake (230 ha)
12. Baci Lake (200 ha)
13. Hazarlic Lake (268 ha)
14. Peceneaga Swamp (40 ha)
15. Turcoaia Ponds (310 ha)
16. Sarat and Slatina lakes (150 ha)
17. Macin - Smardan Swamp (230 ha)
18. Jijila Lake (2500 ha)
19. Brates Lake (2111 ha)



## Ecological reconstruction areas proposed to be studied

1. Blahnitei Plain - Corbului Islet (1981 ha)
2. Garla Mare - Salcia (1681 ha)
3. Bistret-Nedeia-Jiu Endosure (1080 ha)
4. Arranged Complex Potelu (23330 ha)
5. Arranged Complex Suhaia (17490 ha)
6. Arranged Complex Greaca (33819 ha)
7. Calarasi-Rau Islet (13050 ha)
8. Arranged Complex Crapina (10000 ha)
9. Arranged Complex Pardina (27052 ha)
10. Lower Prut Area (32400 ha)



## LEGEND

waters  
roads



existing protected areas  
proposed protected areas  
areas proposed for reconstruction



# Future Proposals

- Training in RR practices
- Improvement of the legal framework
- Enhancement of exchange experience in the RR field at EU level, inclusive within CEENBO
- Accessing of European funds through European and international RR projects
- Developing of guidelines/ manuals/ methodologies regarding the ecological restoration (conceptual planning and technologies)

● ● ● | Thank you for your attention!

