











Tacis CBC SPF

Предотвращение чрезвычайных ситуаций и защита от паводков в Еврорегионе "Нижний Дунай"

Emergency Planning and Flood Protection in the Lower Danube EuroRegion



Предотвращение чрезвычайных ситуаций и защита от паводков в Еврорегионе «Нижний Дунай»

Emergency Planning and Flood Protection in the Lower Danube EuroRegion

- Начало проекта / Project Start: 21 June 2005
- Продолжительность / Duration: 18 months
- **Финансирование проекта** осуществляется Европейской Комиссией через программу ТАСИС – приграничное сотрудничество

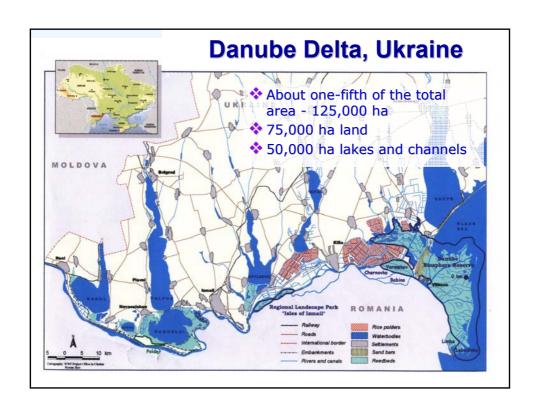
The **project is funded** by the European Commission through the Tacis Cross-Border Cooperation Small Project Facility Programme

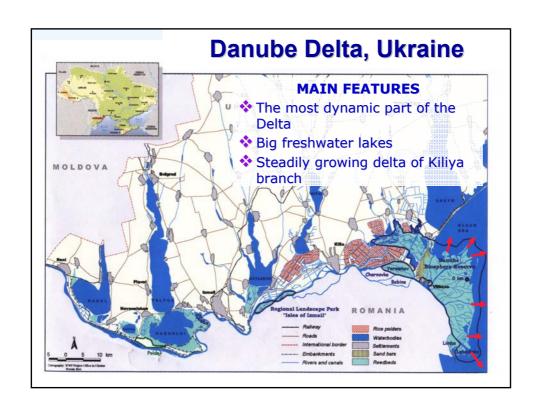


Project objective

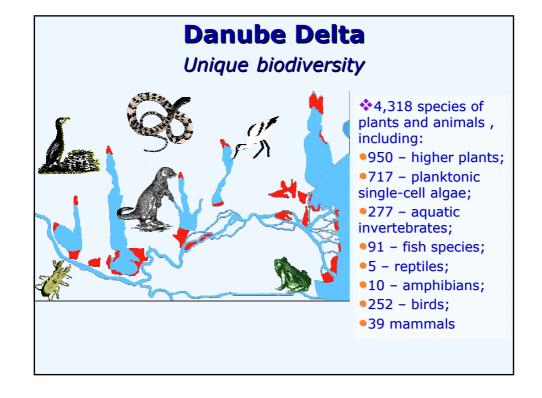
The **overall objective** of the project is working out and implementation of appropriate measures and practice of management for flood prevention and protection respecting the needs of people's security, public health, economic development of the area and management of the environment in sustainable manner in the Lower Danube floodplain.

The **main activities**: sectoral studies & risk assessment of disastrous floods; elaboration of an integrated plan for measures to reduce flood risk in the Ukrainian part of the Lower Danube; training of water mangers; workshops; creation of the Office for early flood warning in Izmail; dissemination of information and public awareness.

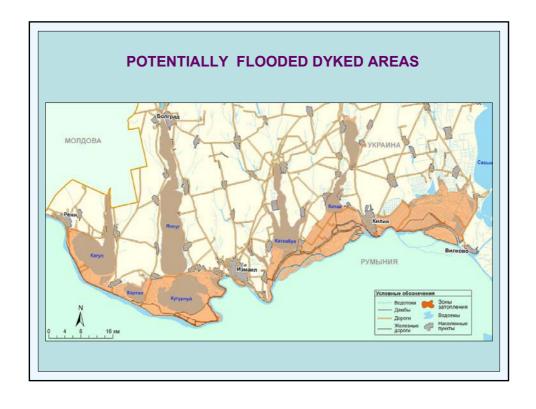




Danube Delta, Ukraine NEGATIVE IMPACT Dyking of the floodplain stopping water purification, decreasing flood storage and destroying natural habitats; leading to soil degradation and stopping of vertical growth on the dyked areas; As result crucial decreasing of water exchange and eutrophication of the Danube lakes Reginal Landscape Park Tales of Email: Reginal Landscape Park Regin



Assessment of flood protection dykes: • 32 km of the dykes is in emergency situation • 108 km are inadequate to the 1% flood level Assessment of flood protection dykes: • 32 km of the dykes is in emergency situation • 108 km are inadequate to the 1% flood level

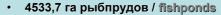


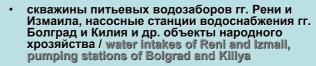
Potentially endangered objects located in the flood risk area between Reni and Vilkovo

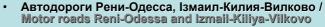




- 2581 жилых домов / houses, где проживают 11847 человек / residents
- 31852 га с/хозяйственных земель / hectares agricultural lands







Ущерб только лишь от затопления сельскохозяйственных земель (10 тыс. грн. за 1 га), составляют 318,5 млн. грн. / Estimated losses from inundation of agricultural lands – 318,5 mln. UAH.





1-й этап

What has been done?

Recommendations on creation of flood protection polders and wetlands restoration

WETLANDS RESTORATION STAGES (20 - 25 years)



3-й этап

2-й этап

BEFORE RESTORATION

- ♦Elaboration and application of a long term integrated program for modernisation of the current flood protection system;
- Detailed inventory of wetlands and dyked areas (polders)
- ♦ Create a legal mechanism for withdrawal degraded lands located on agricultural polders for wetlands restoration and increasing flood storage capacity;
- ♦ Detailed inventory of potentially dangerous units located behind of the Danube flood protection dyke;
- Removal potentially dangerous units and creation of local embankment of settlements located on the potentially flooded areas.
- ♦ Allocation measures to avoid an accidental toxic pollution of the Danube including transboundary aspect

