



Deliver data of Ripa Bianca Nature Reserve to decision maker to reach multiple scale goals in sustainable environmental management

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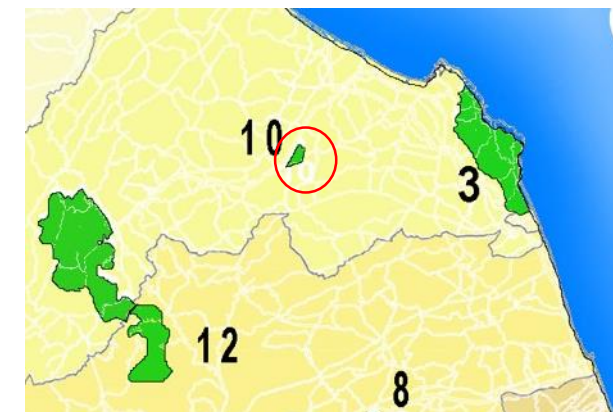
Marche Region



Town of Jesi

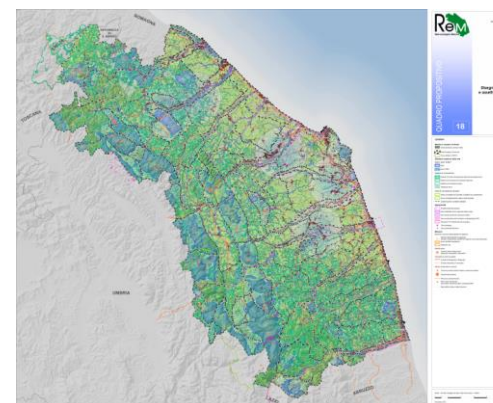


*Ripa Bianca
Nature Reserve*



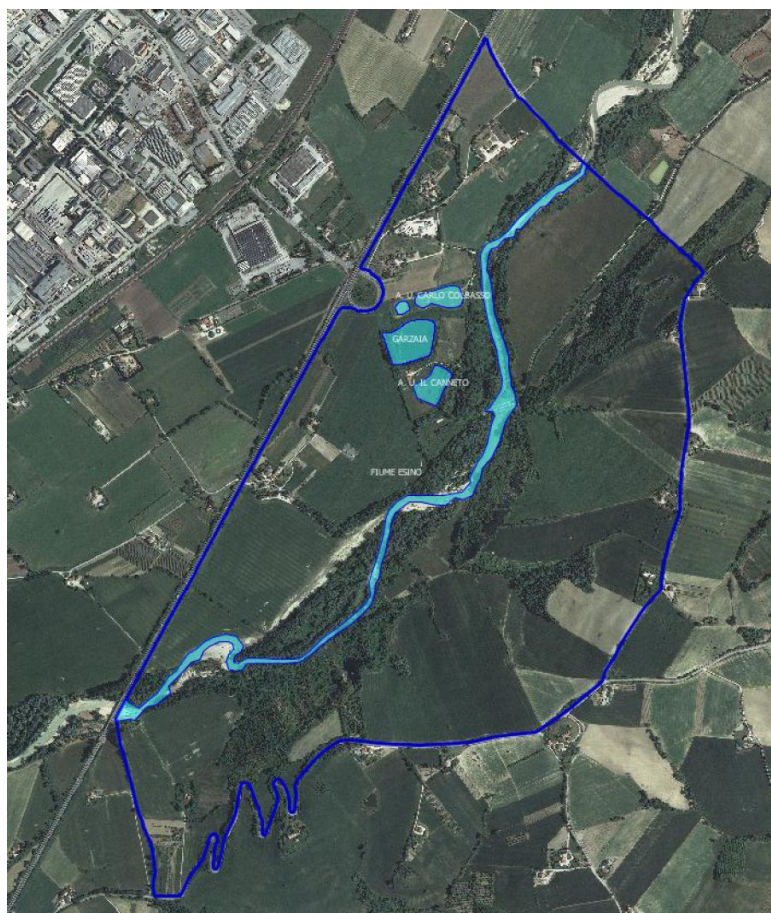
*Contratto di fiume
DELL'ESINO*

Esino River Contract

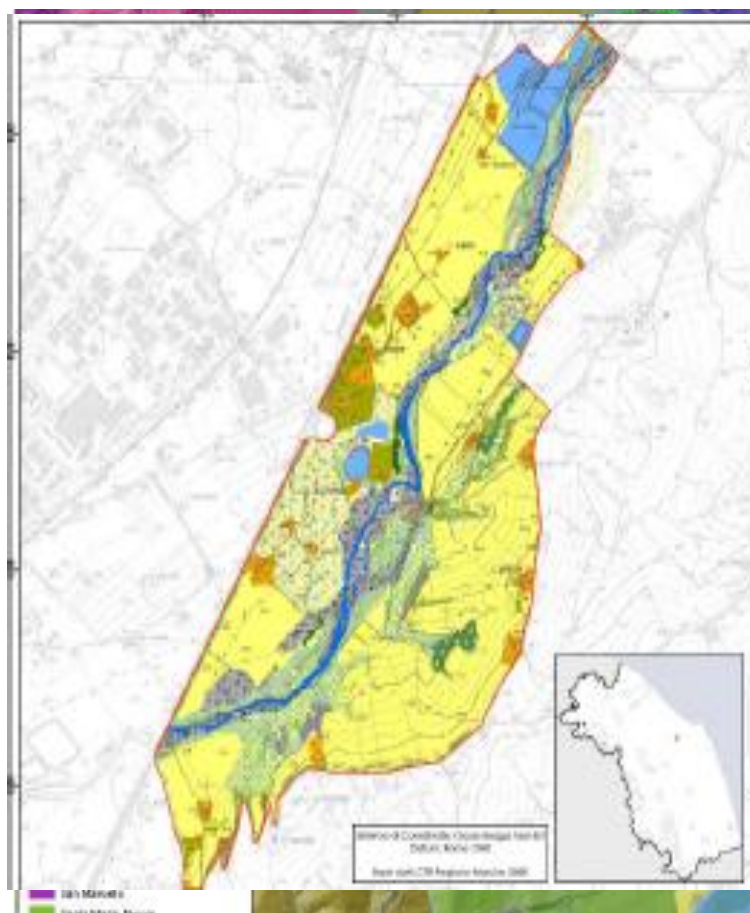


*Regional Ecological
Network (R.E.N.)*

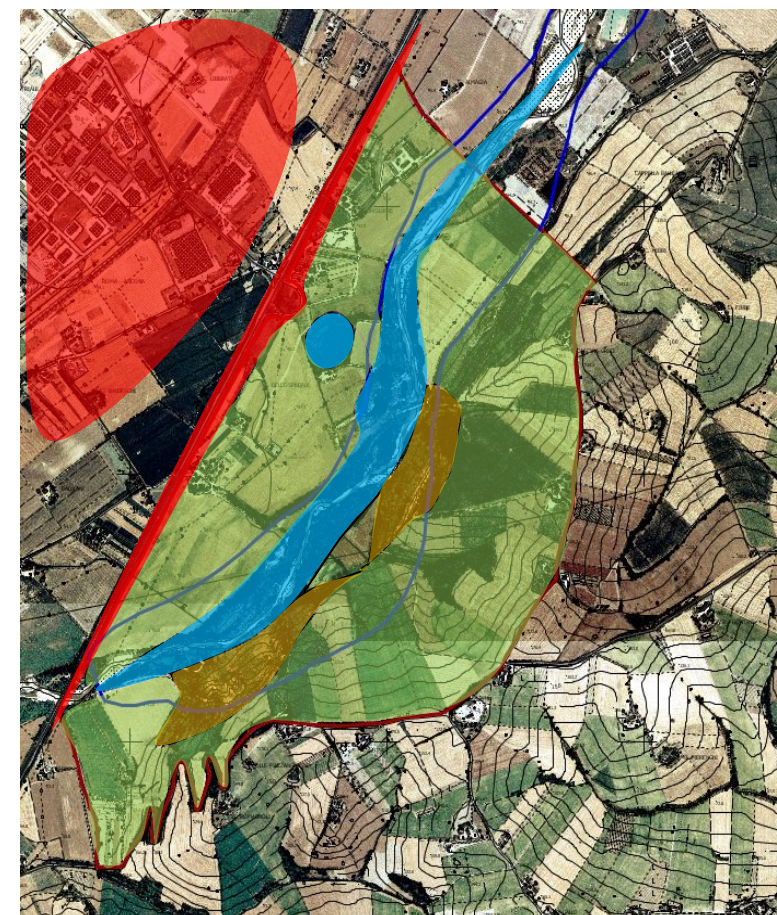
Ripa Bianca Nature Reserve



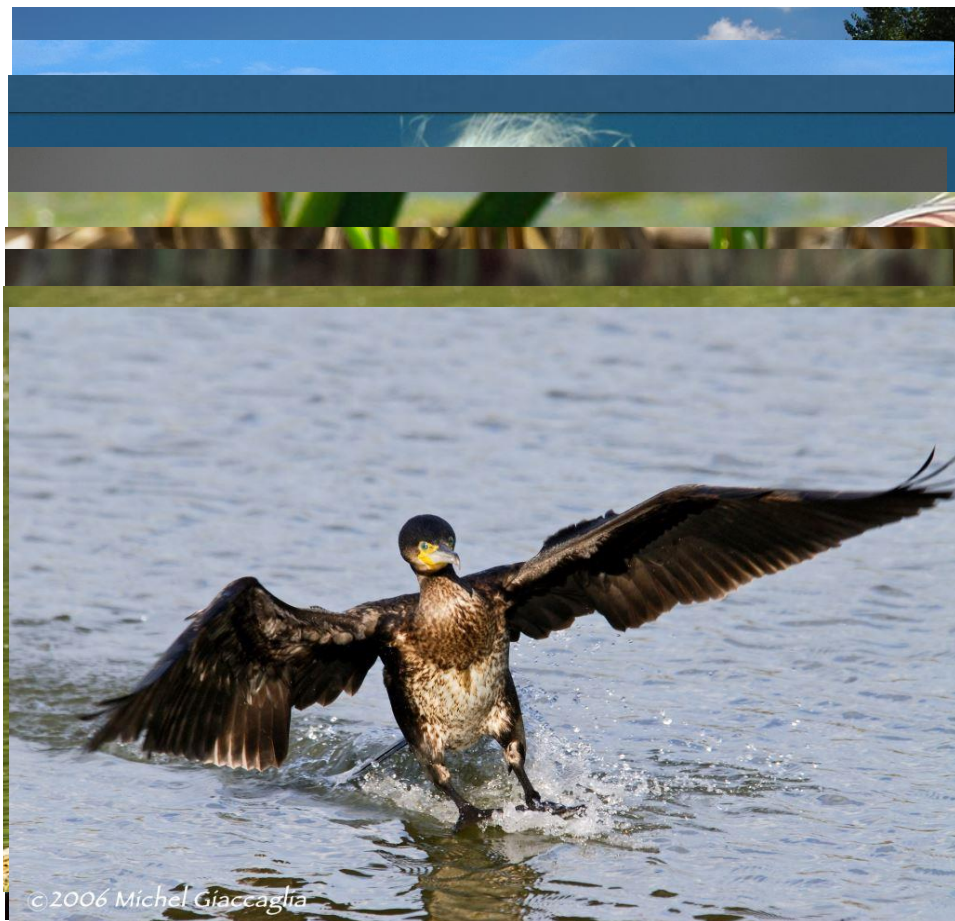
SAC and SPA «IT 5320009- Fiume Esino in località Ripa Bianca»



Biodiversity, countryside, Industrial area, ecological network ?



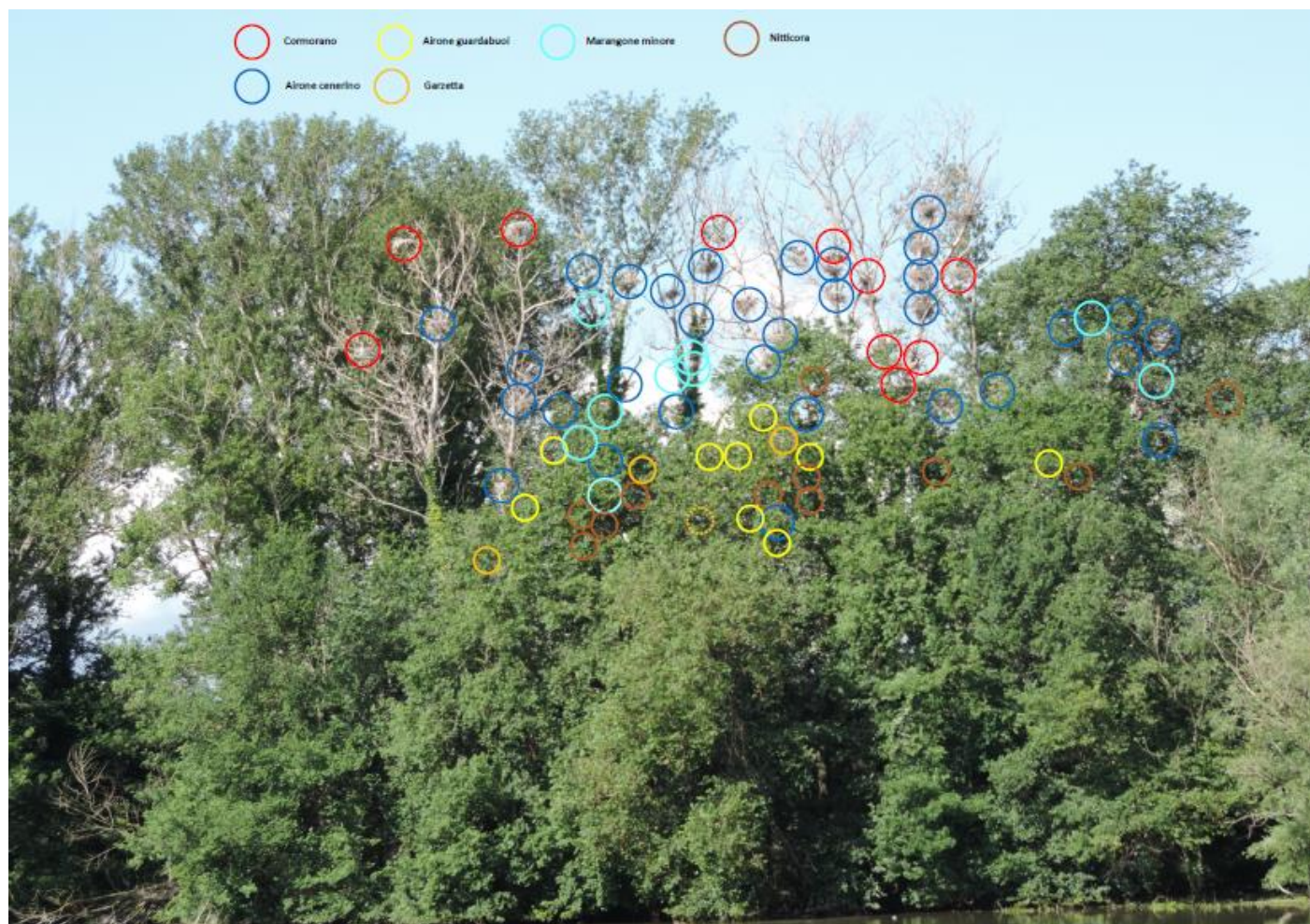
Ecological value and wildlife



Surveys and monitoring for the drafting of the management plans of the Reserve and SAC and SPA "IT 5320009 - Fiume Esino in località Ripa Bianca", environmental impact assessment procedure and adaptative management



Ripa Bianca Heronry in June 2018



Grey Heron: 34

Cormorant: 10

Night heron : 11

Cattl egret : 9

Pygmy Cormorant : 9

Little egret: 4



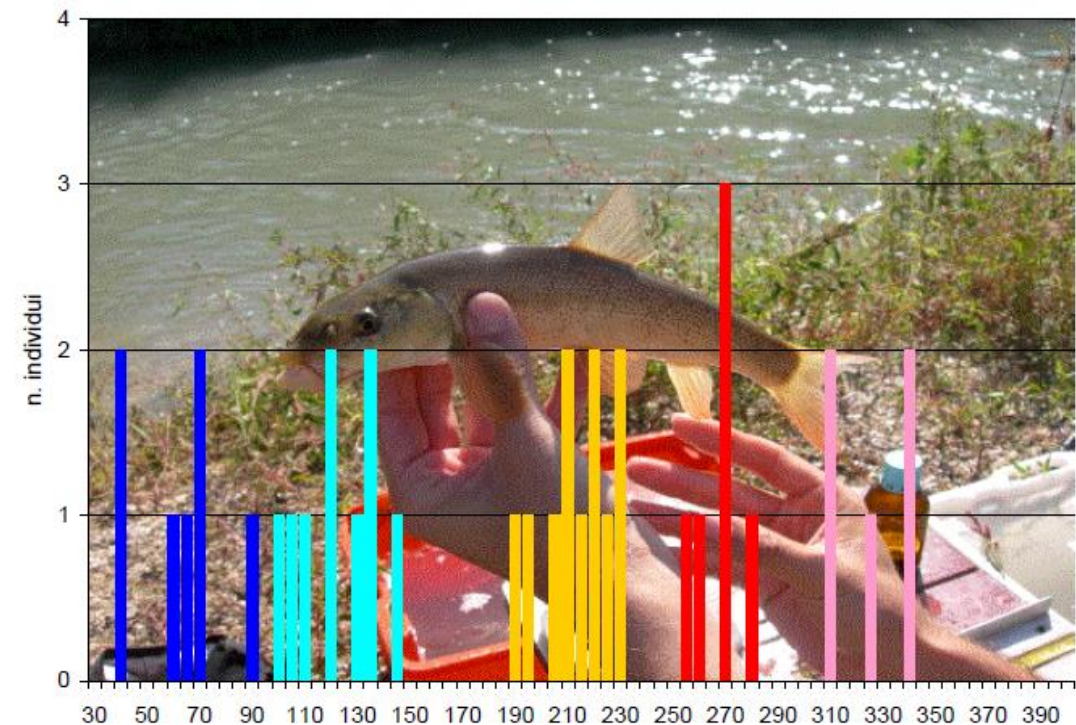
Bats

	2009	2010/11
Rhinolophus ferrumequinum	1	0
Rhinolophus euryale	0	2
Myotis daubentonii	6	3
Pipistrellus pipistrellus	11	9
Pipistrellus kuhlii	52	45
Hypsugo savii	38	31
Eptesicus serotinus	12	12
TOTALE	120	102

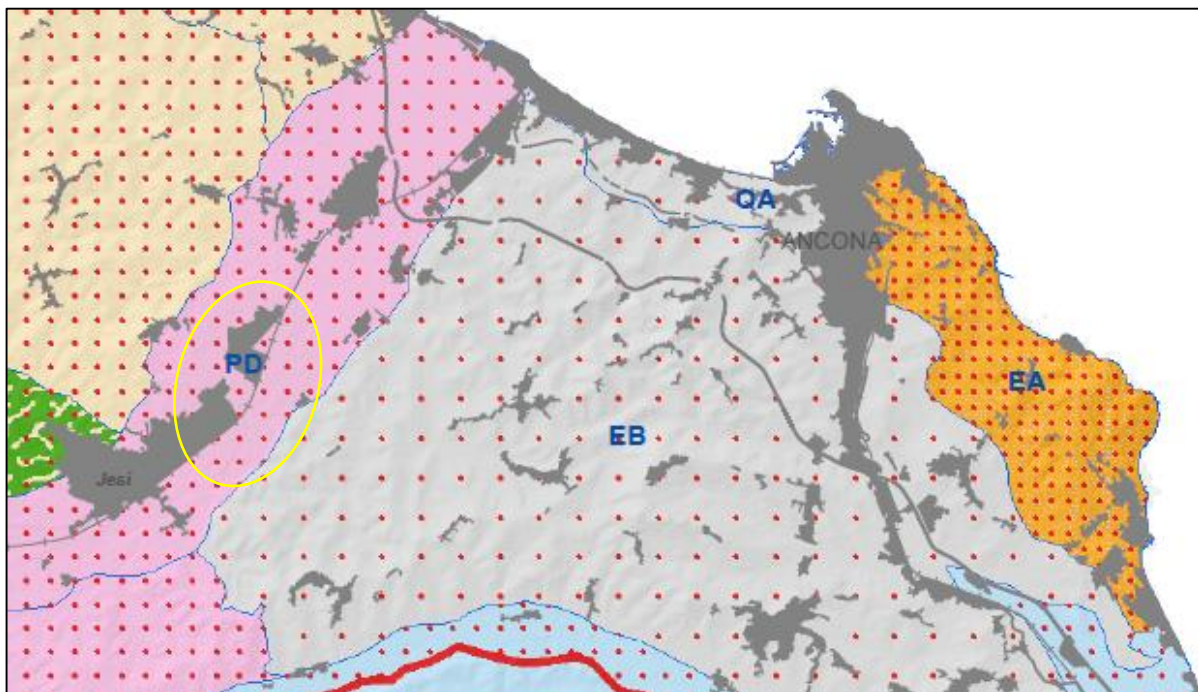
Number of the contacts recorded for species

Fish

Frequency distribution of Italian barbel (*Barbus plebejus*) length classes



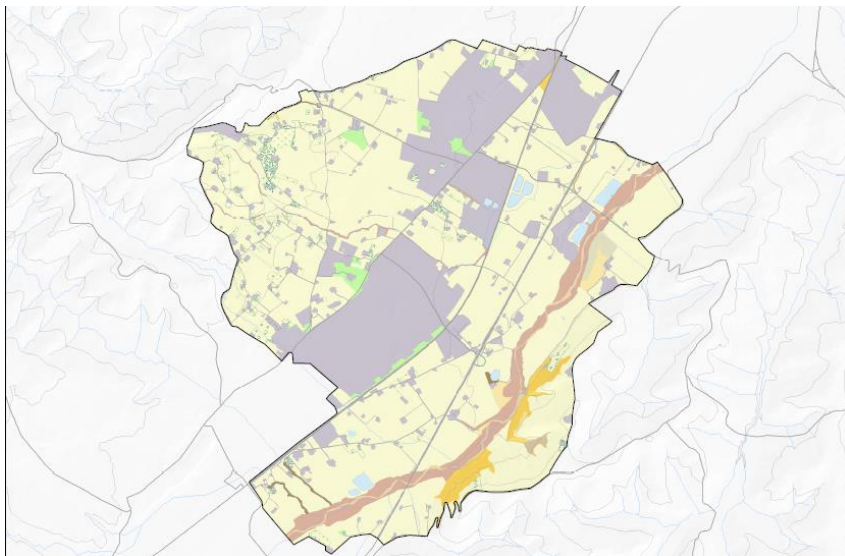
R.E.N. and SAC- SPA IT 5320009/ Nature Reserve and R.E.N.



Connectivity and structure of Functional Ecological Unit



Wetland system

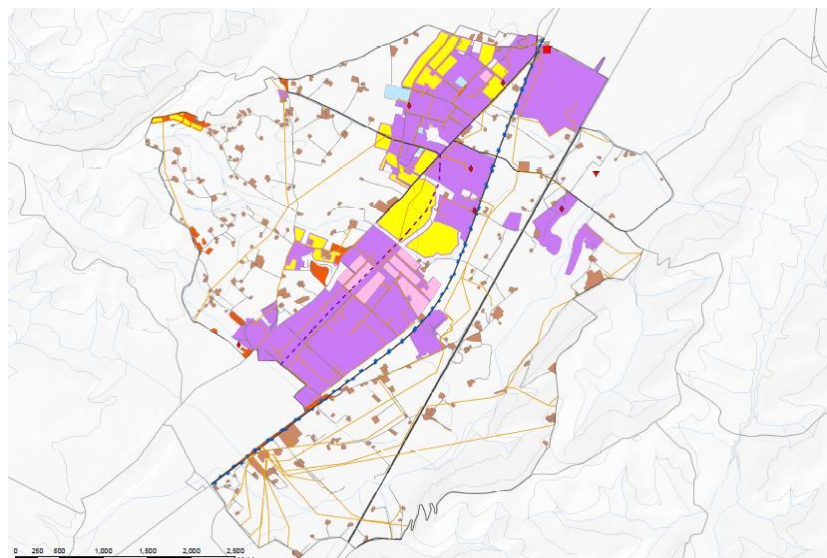


Vegetation



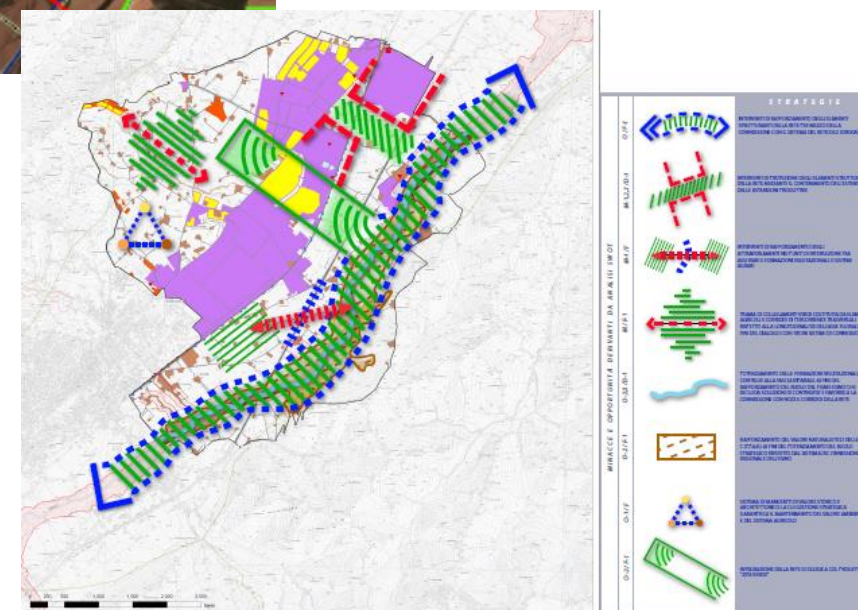
Ecological connection

Regional Ecological Network
Interaction between SAC/SPA IT 5320009 / Nature Reserve and Jesi urban system

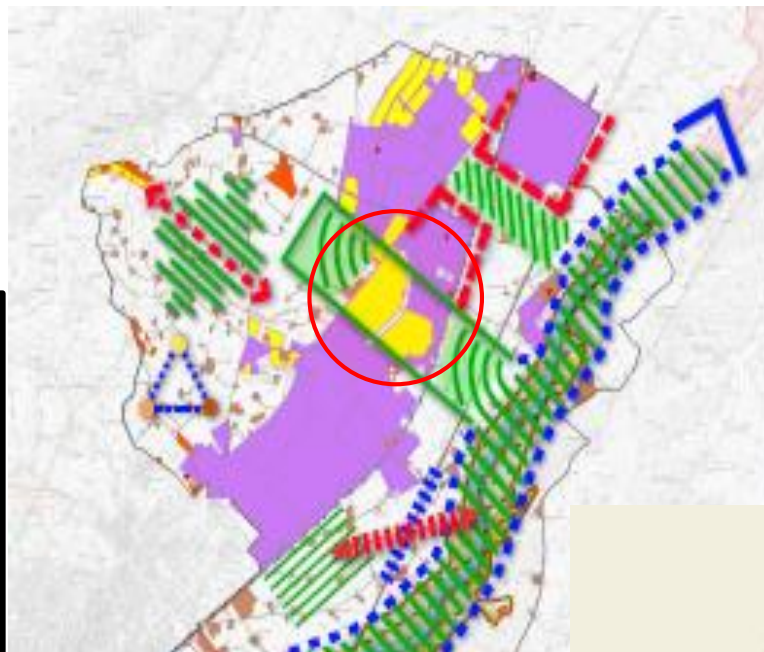
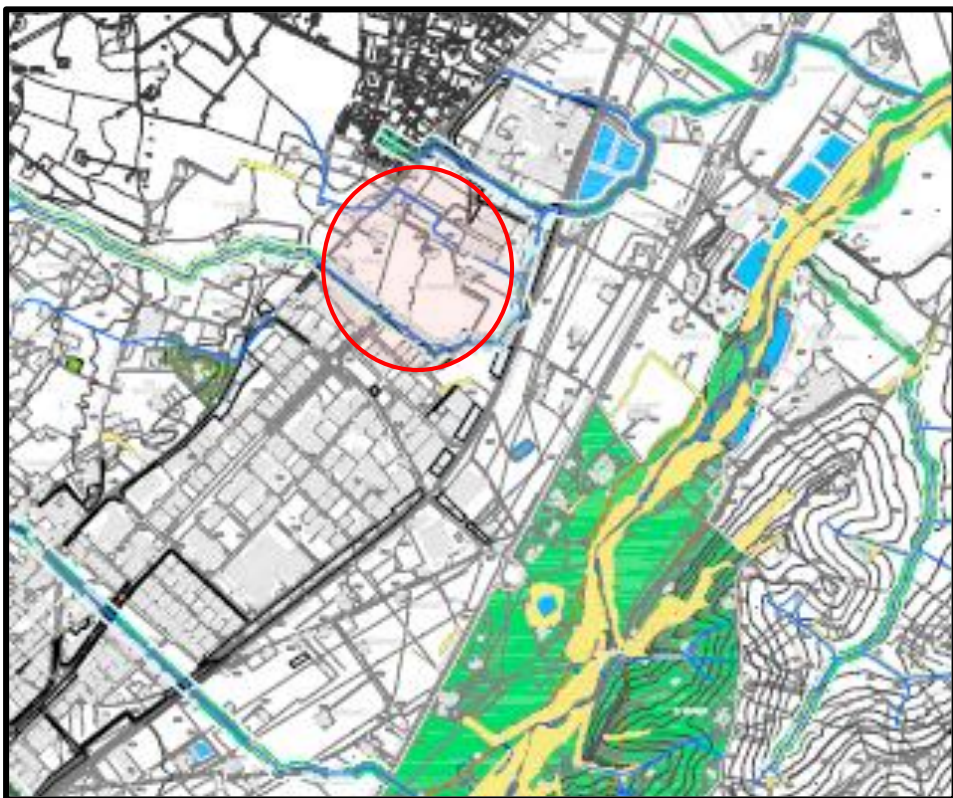


Urban system

Strategic guidelines



Ecological Network map of Jesi Town Urban Plan



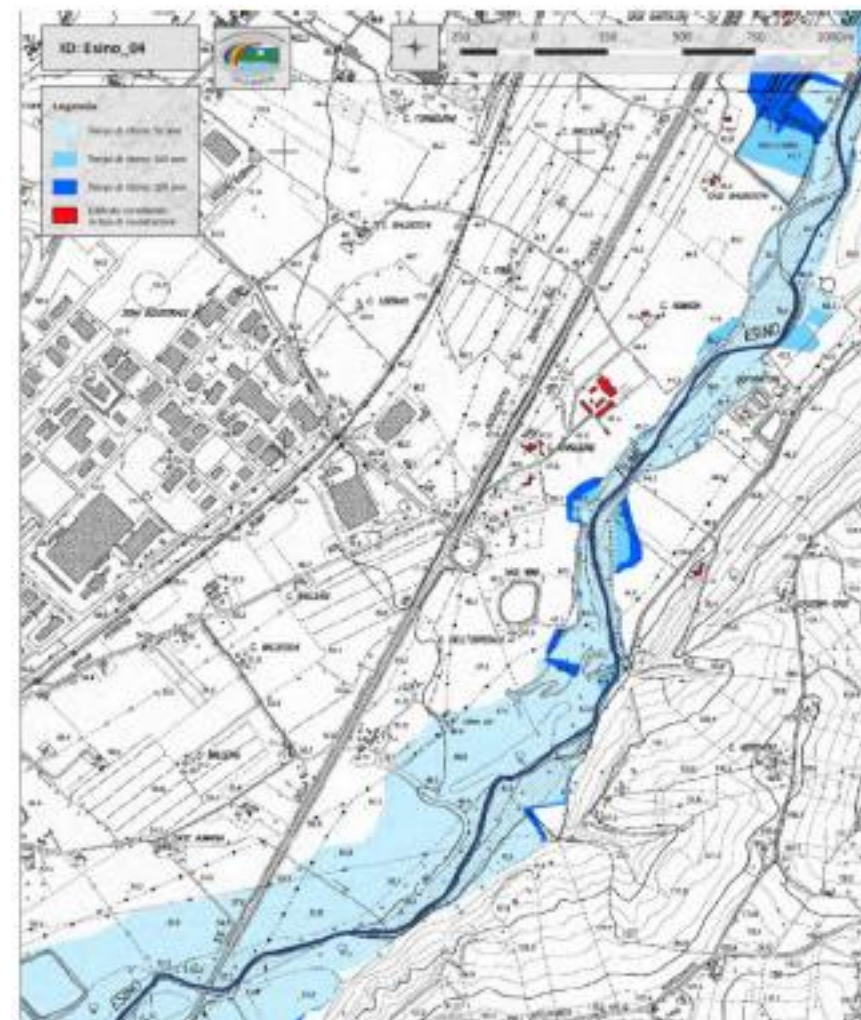
Conflict between wildlife corridor and Industrial Area

Green Industrial Area





River Contract is an integrated approach and process (with public and private actors) regarding environmental sustainability water resource management and it can include hydraulic, natural, ecological, social, and economic aspects. Its point of reference is the river basin as a territorial, ecological and hydrological, unit.



Regional Ecological Network and River Contract

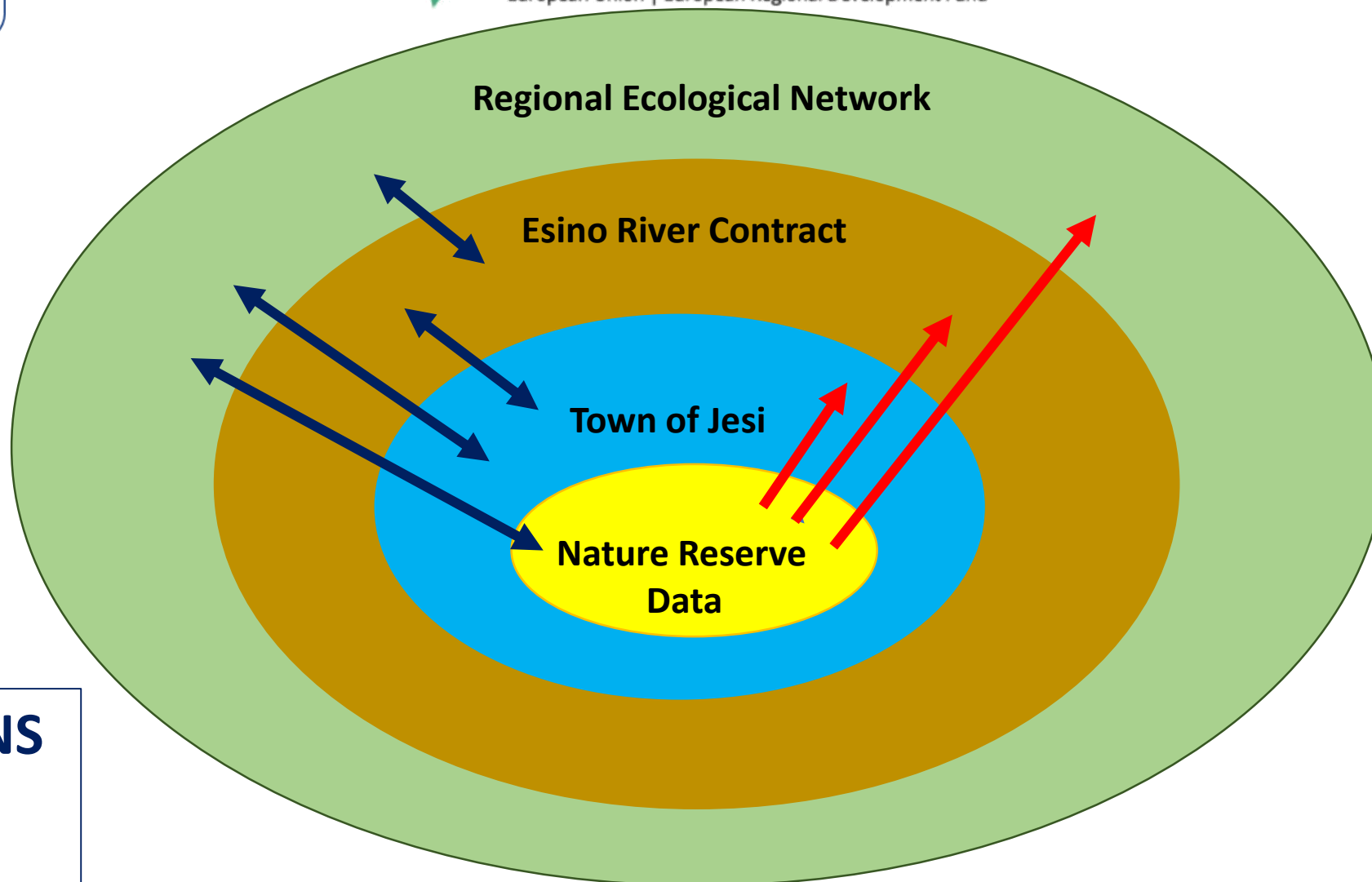
1.2.1 Restoration of natural areas and aquatic ecosystems and river banks for the improvement of biodiversity with particular reference to habitats and species of community interest, in implementation of the REN (Marche Ecological Network), to guarantee a continuity of ecological networks from upstream to downstream.

1.3.3 Hydromorphological and ecological restoration, improvement of biodiversity and good continuity ecological from upstream to downstream in implementation of the REN

River Contract Strategic Document

3.2.4 Transposition of the REN by definition local ecological networks (LEN / TEN), to strengthen the ecological continuity, reduce habitat fragmentation, promoting biodiversity conservation

3.2.5 Activation of environmental restoration actions in pilot areas also related to the Interreg BID project REX, based on: identification of the elements of the networks local ecological; definition of cognitive frameworks e proactive; strategic guidelines and proposals for intervention.



DATA

**DIRECTIONS
PLANS
ACTIONS**



Thanks for listening !



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