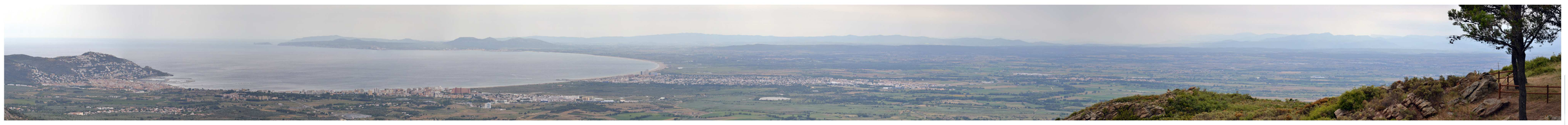
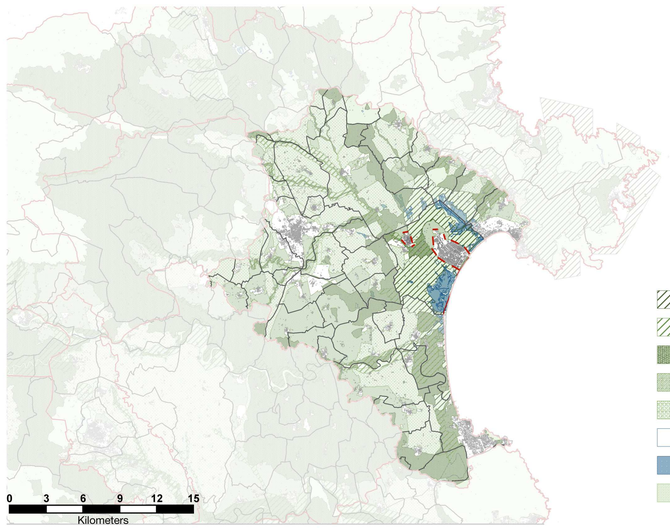
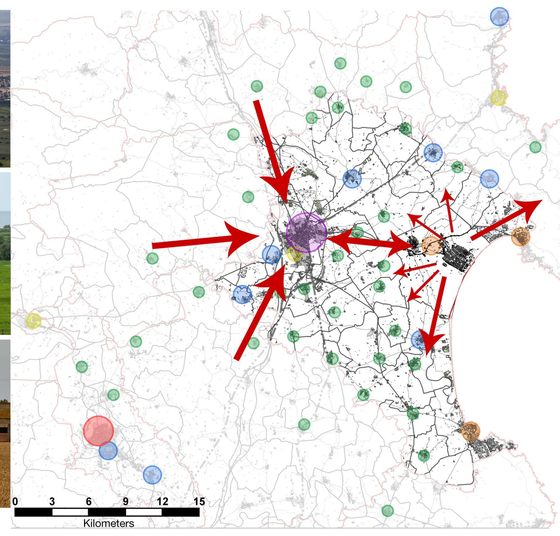


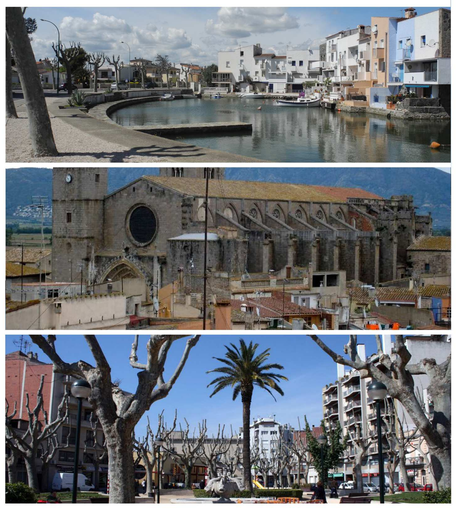


Natural park
Ecological connector
Special protection
Preventive protection
Territorial protection
Wetland
Aiguamoll
PEIN

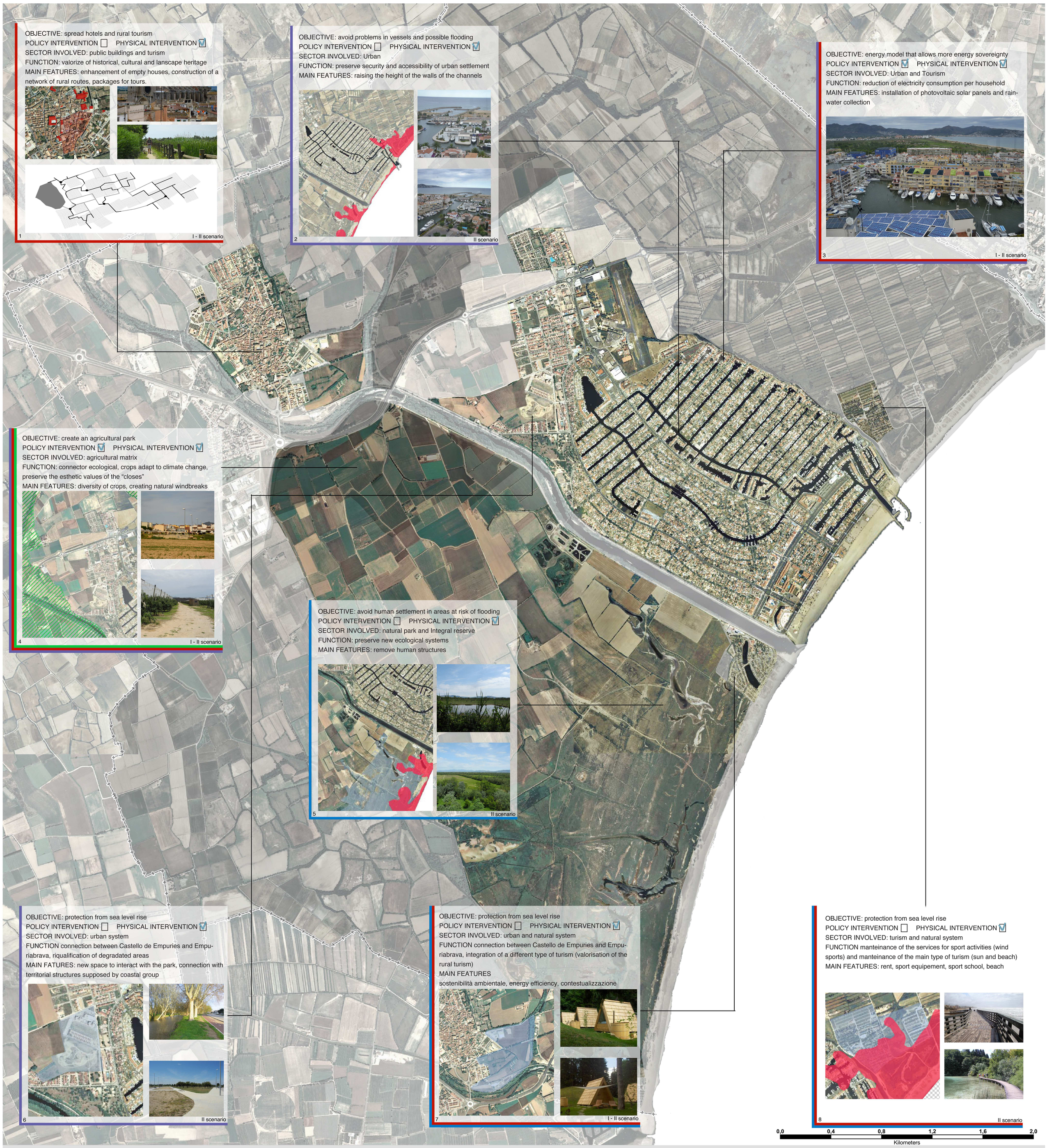
OPEN SPACES



Regional polarity
Local polarity
Sublocal polarity
Complementary polarity
Municipal polarity
Core municipal
Urban garden
Moderate growth
Renforced growth
Loss of agricultural area



URBAN SETTLEMENT



OBJECTIVE: spread hotels and rural tourism
POLICY INTERVENTION ☐ PHYSICAL INTERVENTION ☑
SECTOR INVOLVED: public buildings and turism
FUNCTION: valorize of historical, cultural and lanscape heritage
MAIN FEATURES: enhancement of empty houses, construction of a network of rural routes, packages for tours.

1 I - II scenario

OBJECTIVE: avoid problems in vessels and possible flooding
POLICY INTERVENTION ☐ PHYSICAL INTERVENTION ☑
SECTOR INVOLVED: Urban
FUNCTION: preserve security and accessibility of urban settlement
MAIN FEATURES: raising the height of the walls of the channels

2 II scenario

OBJECTIVE: energy model that allows more energy sovereignty
POLICY INTERVENTION ☑ PHYSICAL INTERVENTION ☑
SECTOR INVOLVED: Urban and Tourism
FUNCTION: reduction of electricity consumption per household
MAIN FEATURES: installation of photovoltaic solar panels and rain-water collection

3 I - II scenario

OBJECTIVE: create an agricultural park
POLICY INTERVENTION ☑ PHYSICAL INTERVENTION ☑
SECTOR INVOLVED: agricultural matrix
FUNCTION: connector ecological, crops adapt to climate change, preserve the esthetic values of the "closes"
MAIN FEATURES: diversity of crops, creating natural windbreaks

4 I - II scenario

OBJECTIVE: avoid human settlement in areas at risk of flooding
POLICY INTERVENTION ☐ PHYSICAL INTERVENTION ☑
SECTOR INVOLVED: natural park and Integral reserve
FUNCTION: preserve new ecological systems
MAIN FEATURES: remove human structures

5 II scenario

OBJECTIVE: protection from sea level rise
POLICY INTERVENTION ☐ PHYSICAL INTERVENTION ☑
SECTOR INVOLVED: urban system
FUNCTION connection between Castello de Empuries and Empuriabrava, riqualification of degradated areas
MAIN FATURES: new space to interact with the park, connection with territorial structures supposed by coastal group

6 II scenario

OBJECTIVE: protection from sea level rise
POLICY INTERVENTION ☐ PHYSICAL INTERVENTION ☑
SECTOR INVOLVED: urban and natural system
FUNCTION connection between Castello de Empuries and Empuriabrava, integration of a different type of turism (valorisation of the rural turism)
MAIN FEATURES
sostenibilità ambientale, energy efficiency, contestualizzazione

7 I - II scenario

OBJECTIVE: protection from sea level rise
POLICY INTERVENTION ☐ PHYSICAL INTERVENTION ☑
SECTOR INVOLVED: turism and natural system
FUNCTION manteinance of the services for sport activities (wind sports) and manteinance of the main type of turism (sun and beach)
MAIN FEATURES: rent, sport equipement, sport school, beach

8 II scenario

0,0 0,4 0,8 1,2 1,6 2,0
Kilometers

LANDSCAPE AND CLIMATE CHANGE

9-07-2012 / 21-07-2012, Olot, Catalunya, Spain

Observatori del paisatge, Fundaciò d'estudis superiors d'Olot,
Universitat de Girona, Universitat Autonoma de Barcelona, Universidade Tecnica de Lisboa, Università degli Studi di Sassari, IUAV

INTERVENTION ON BUILD UP LANDSCAPE IN CASTELLÒ D'EMPURIES

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