PROJECT – MIS ETC 171 (SPATIAL) – COMMON STRATEGY FOR SUSTAINABLE MANAGEMENT OF THE CROSS-BORDER TERRITOIRY BULGARIA-ROMANIA, FINANCED BY THE CROSS-BORDER COOPERATION PROGRAM BETWEEN ROMANIA AND BULGARIA

Work Package 3 – „Development of common resources for a territorial planning analysis and strategy"
Work Package 3 is led by Project Partner 9 – Agency for sustainable Development and Eurointegration - ECOREGIONS

Priority – OPERATIONAL CAPACITY AND VALUE ADDED SEVICES IN SUPPORT OF THE DANUBE STRATEGY AND OTHER EU FLAGSHIP PROGRAMS

A. COLLABORATION WITH JRC FOR THE DANUBE REFERENCE DATA AND SERVICE INFRASTRUCTURE (DRDSI)

Flagship cluster fiche:

THE DANUBE REFERENCE DATA AND SERVICE INFRASTRUCTURE (DRDSI)

Based on the Collaboration Agreement between ASDE-ECOREGIONS and EC-JRC, from 2011, both parties are discussing the enl;argement of the successful realization of the THE FIRST IN THE EUROPEAN UNION TRANS-BORDER LAND COVER DATABASE , FOUNDED ON THE INTERNATIONAL STANDARD ISO 19144-1-2 AND THE CLASSIFICATION METHODOLOGY OF UN-FAO - LCCS , for the other contries in the limits of the Danube region. Bulgarian and Romanian partners engaged in the flagship CBC project-SPATIAL, are involved in this process. The JRC-IES-MARS Unit is the European Commission partner , in this regional cooperation. During the Danube strategy conference in Bratislava, 2013 and BUkarest , 2013, it was declared that EC-JRC-IES will integrate the best practice from the cross-border reference land cover data bases in the future Danube Reference Data and Services Infrastructure (DRDSI).

The CBC flagship project –SPATIAL is part of the regional capacity projects, selected by DG JRC-IES In support of the implementation of the EU Danube Strategy as well as for the Black Sea region initiatives – discussed on the GEO workshop . Sept 18-21, 2013, Novi Sad, Serbia;

Novi Sad GEO Workshop

The third Workshop of the BalkanGEONet Project www.balkangeo.net

The future of Earth observation activities in the wider Balkan area

An official GEO event:

The EU Joint Research Centre (JRC) special event on the Danube reference data and service infrastructure (DRDSI)

B. SOME CHARACTERISTICS OF THE REFERENCE LAND COVER LAYER

Uniquely defined geo-referenced units of management, holding the information on land cover and land use.

Created and updated on the base of:

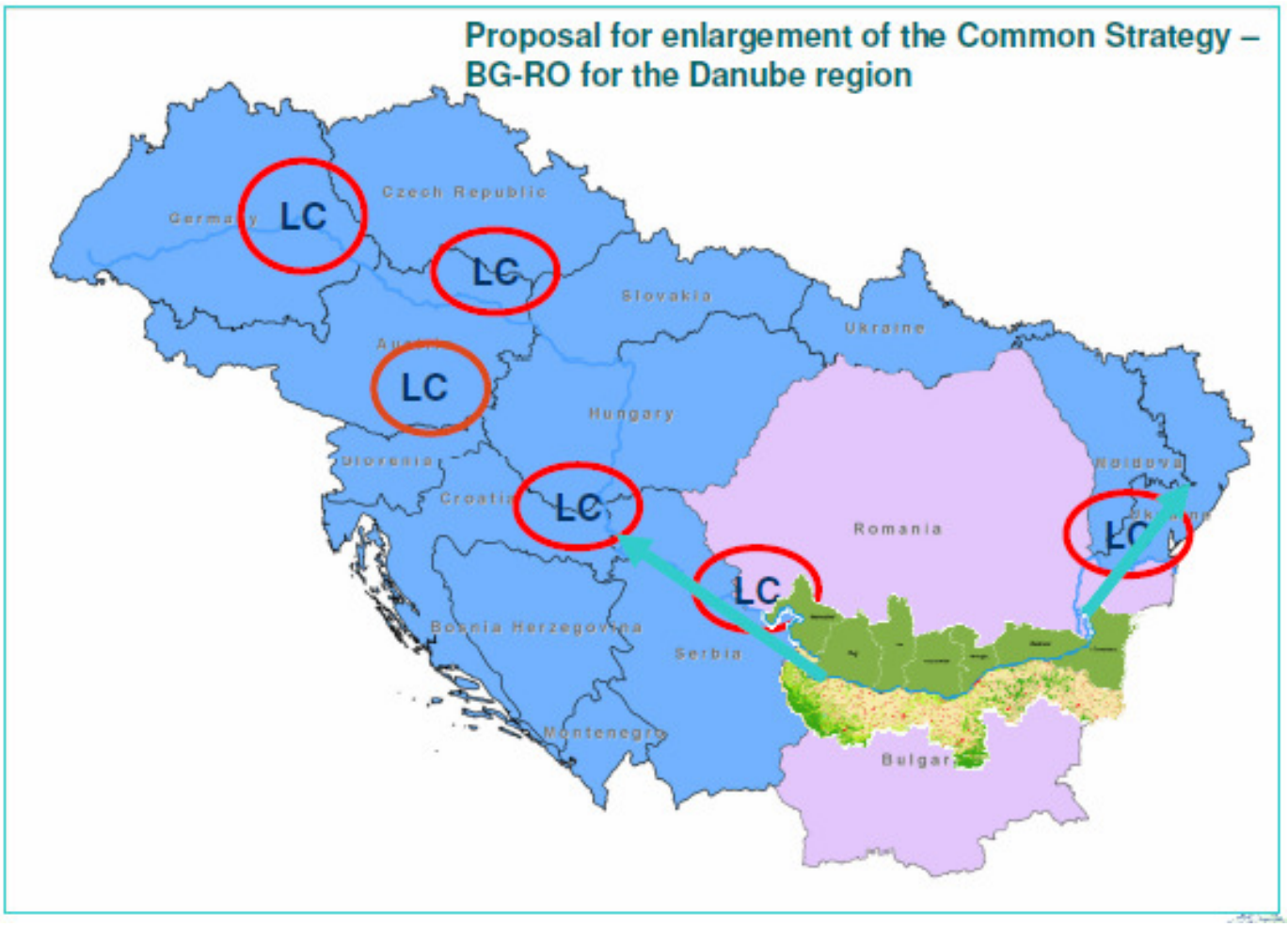
❑ Classification concepts of ISO 19144-2 (Land Cover Meta Language – LCML)

❑ Best management practices from the Land Parcel Identification System (LPIS) that channels all EU area-based aids in agriculture

❑ COPERNICUS CORE satellite image datasets in combination with in-situ data (LPIS, aerial orthophotos)

❑ Methodology elaborated in collaboration with the MARS Unit of the Joint Research Centre of the European Commission

❑ Flexible to the local specificity and easy to be enlarged for the cross-border territory of other countries in the Danube region



Main Deliverables and Services for Bulgaria and Romania

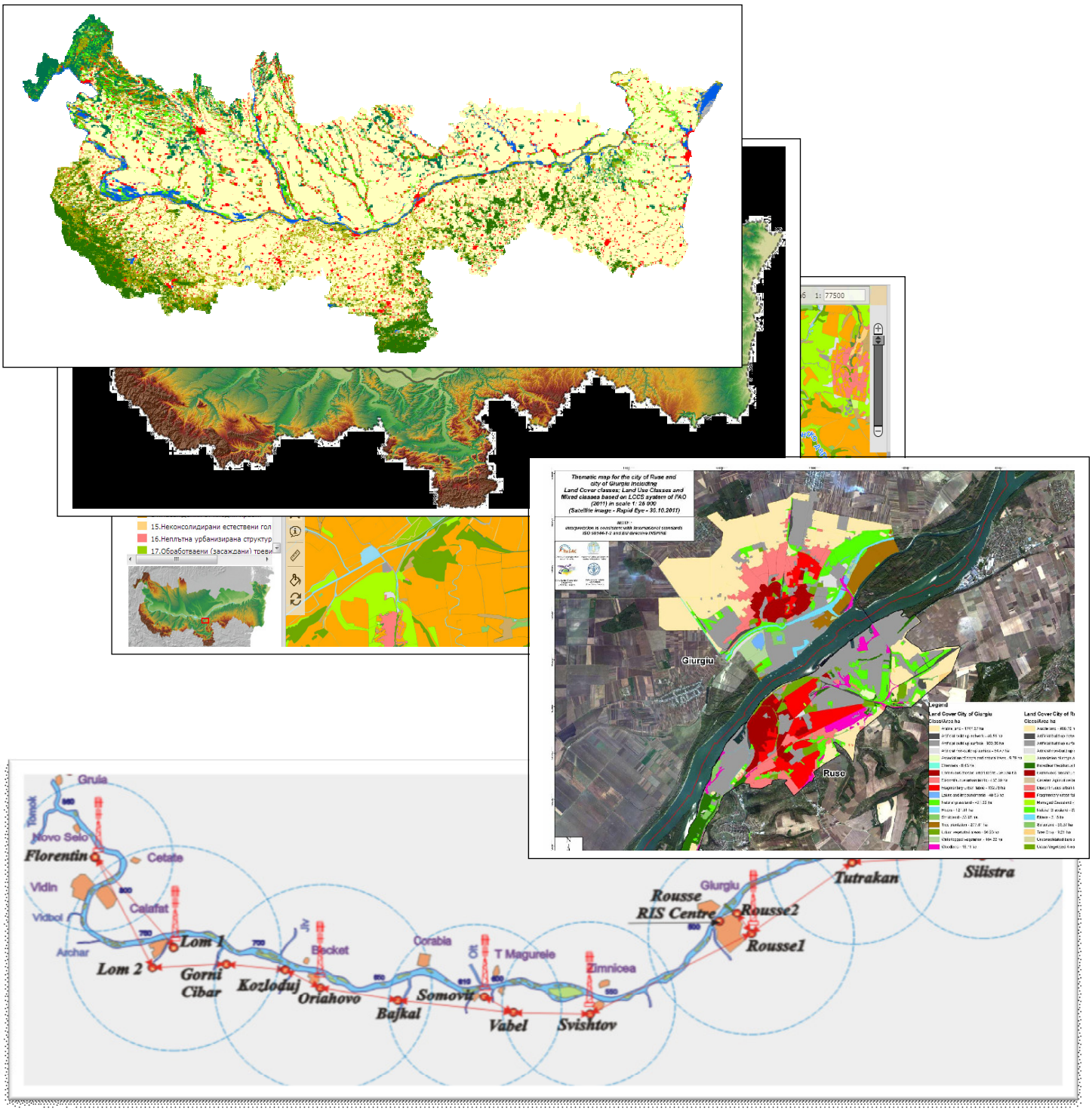
Two adjacent reference land cover datasets for the Bulgarian and Romanian part of the cross-border cooperation (CBC) project area (71 930 km2)

❑Both layers fully interoperable following the INSPIRE principles

❑Common specification ensuring efficient cross-border analysis and reporting

❑Classification coherence ensured by the use of standardized semantic language

❑Provided through Web-based geo-service

❑An efficient spatial dataset for regular monitoring of changes and integrated risk and territory management, as well as the efficient management of EU funds

❑A reliable and harmonized spatial database for services under flagship EU programs as GMES-COPERNICUS, Danube Strategy, Galileo