



MINISTRY OF SUSTAINABLE
DEVELOPMENT AND TOURISM

INFRASTRUCTURE IN URBAN PLANNING

KONFERENCE: ITALY & MONTENEGRO: BUILDING TOGETHER

21-22.09.2016.

Podgorica

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Infrastructure and urban planning

- Infrastructure is the object of extreme attention to:
- spatial planning,
- in development planning in general and
- represents an essential element of any serious development policy



Infrastructure and urban planning

- Infrastructure has one of the most important roles in spatial development at all levels;
- Without a developed infrastructure today developed economy can not be imagined,
- Represents the base, the basis of all functions in the city, links all activities at the city level;
- It represents the basic category in the development, planning and design of the city as a whole and the segment;
- It represents an effective instrument of development of the city;
- It is inert in the area - once constructed commits in long-term many future solutions



Adopted planning documents for important infrastructure facilities

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- DSP highway Bar-Boljare, 2008.

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- DSP for power line corridor 400 kV with optical cable from Montenegrin coast to the Pljevlja and underwater cable 500 kV with optical cable Italy-Montenegro, 2011.

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- SSL „Sector 24” Airport Tivat, 2013.

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- SSL „part of Sector 56” - Marina Bar, 2013.

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- DSP for Thermal Power plant Pljevlja, 2016.

Planning documentation, which is under construction

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- DSP for the space of multipurpose accumulations on the river Moraca
 - DSP for the space of multipurpose accumulations on the river Komarnica
 - DSP for Adriatic - Ionian highway
 - SPSP for Coastal Area

DSP highway Bar - Boljare (2008.godina)

Detailed spatial plan includes:

Corridors of main infrastructural system with a protective area and supporting facilities such as: Bar-Boljare highway, part of the railroad Belgrade-Bar, the airports in Podgorica and Berane, part of the electrical transmission and distribution network, gas, regional water supply, major optic cables, water surfaces and watercourses (Skadar Lake, Moraca and Tara).

- Part I - Đurmani-Smokovac
- Part II - Smokovac-Mateševo
- Part III- Mateševo-Boljare



DSP for power line corridor 400 kV with optical and underwater cable (year 2011)

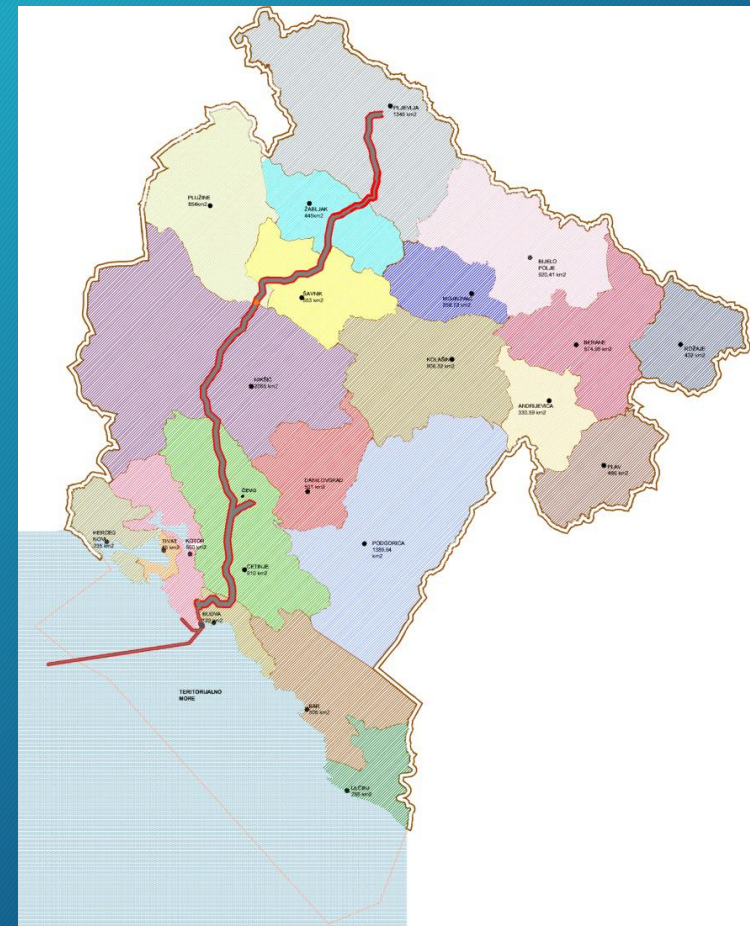
- direct connection of Montenegro with the electricity market in the EU;
- better transmission network,
- creation of preconditions for joining the planned new sources of electricity: HE on the river Moraca, Komarnica HE, TE Berane, small hydro power plants or wind powered plants;
- Montenegro is positioned as an important energy node in the region, and further increases the value of other of international transmission lines through increasing revenues from their exploitation for the purposes of transit of electricity;



DSP for power line corridor 400 kV with optical and underwater cable (year 2011)

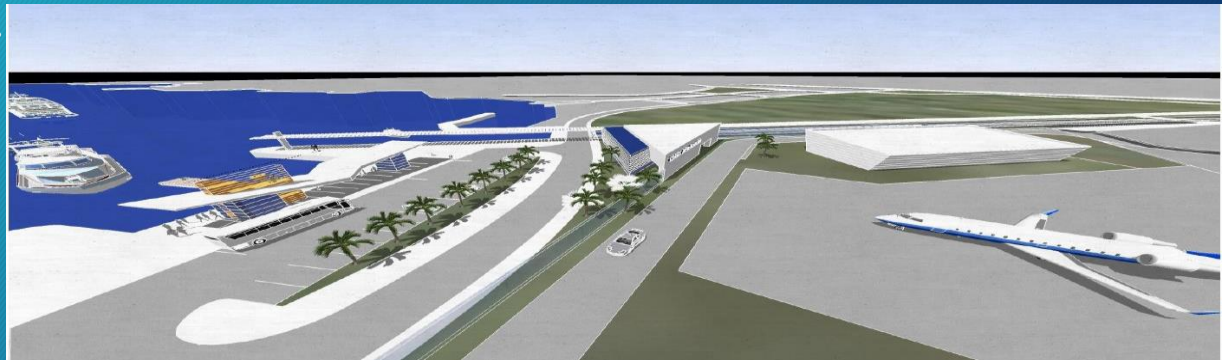
The planning parameters:

Plan area..... 15. 181 ha
Corridor length (underwater, underground and surface part).....194,9 km
Underwater part.....38,9km
Underground part.....5,6km
Surface part (power line).....150,4km



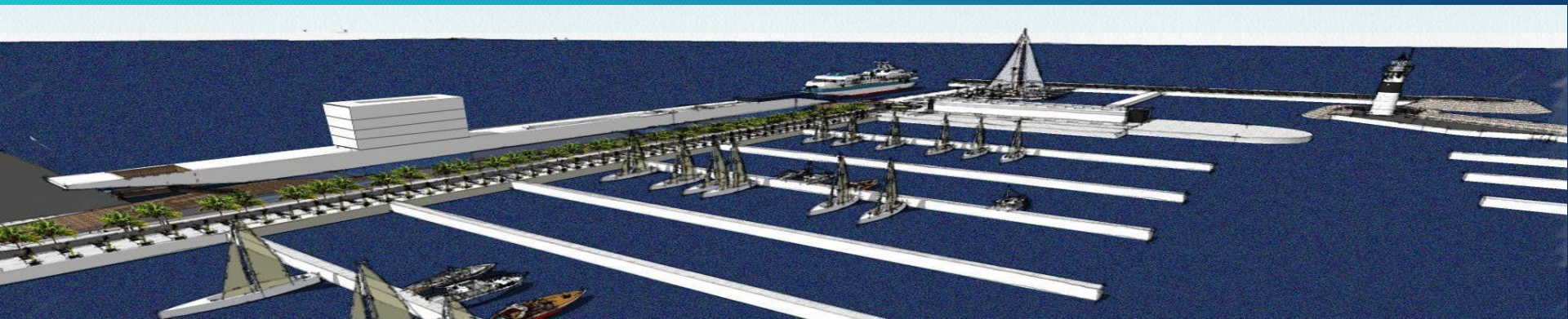
DSP sector 24 - Airport Tivat

- Tivat airport is the second most important airport in Montenegro which provides direct access to tourist resorts on the coast and has a key role for the development of tourism. The default value of the proposed capital program is covered by SSL (State Study of Location) 53,764,172 euros, having in mind that the costs of providing land are not accounted.
- The estimated investment value of 53 million EUR
- The largest investments in the amount of 20,639,320 euros are planned for the development of maneuvering surfaces and platforms and 16,506,600 euros for the construction of new terminal.
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DSP part of sector 56 - Marina Bar

- The plan includes modernizing and increasing the capacity of the existing marina in Bar with the construction of supporting facilities
- The estimated investment value of EUR 11 million
- Marina Bar - a modern nautical tourism
- Marina as a functional part of the city center
- Enriched with marine passenger terminal



DSP for thermal power plant Pljevlja (2016)

- construction of buildings (block II) of TPP Pljevlja,
- Construction of facilities for the smooth operation of the existing block (new landfill for ash and slag, a system for treatment of waste water, gas desulphurization facility, cooling facility...)
- reclamation / remediation of landfill Maljevac after its closing



Planning documentation in preparation

- DSP for the multipurpose accumulations on the river Moraca

It covers the central part of the river Moraca, where is planned construction of four hydropower plants (Andrijevo, Raslovići, Milunovići and Zlatica), multipurpose reservoirs, including the realization of other infrastructure (roads, electricity, water supply, sewerage)

The plan is currently in draft phase



Planning documentation, which is under construction

- DSP for space of multipurpose accumulations on river Komarnica

This plan is working for the central flow of river Komarnica with the river Pridvorica, which envisages the construction of hydroelectric power tannery Komarnica and multi-purpose reservoirs, including areas around reservoirs necessary for realization and other infrastructure (road, electricity, etc.).

The plan is currently under Template. Adoption of the proposal was postponed until the election of the concessionaire.



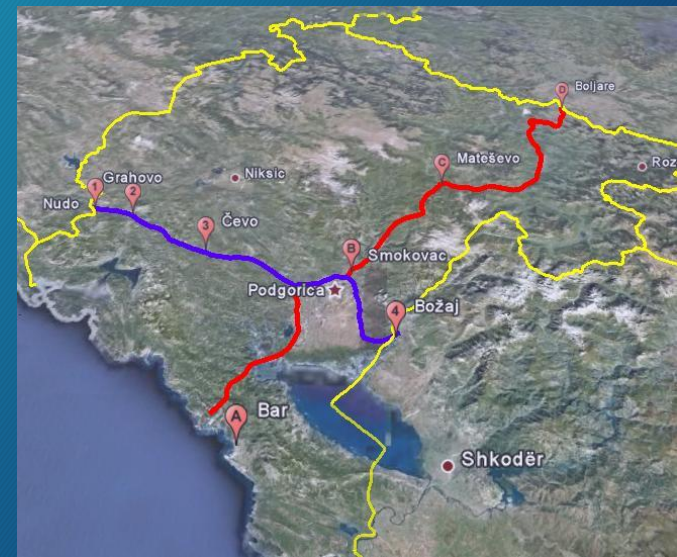
Planning documentation, which is under construction

- DSP for the Adriatic Ionian highway

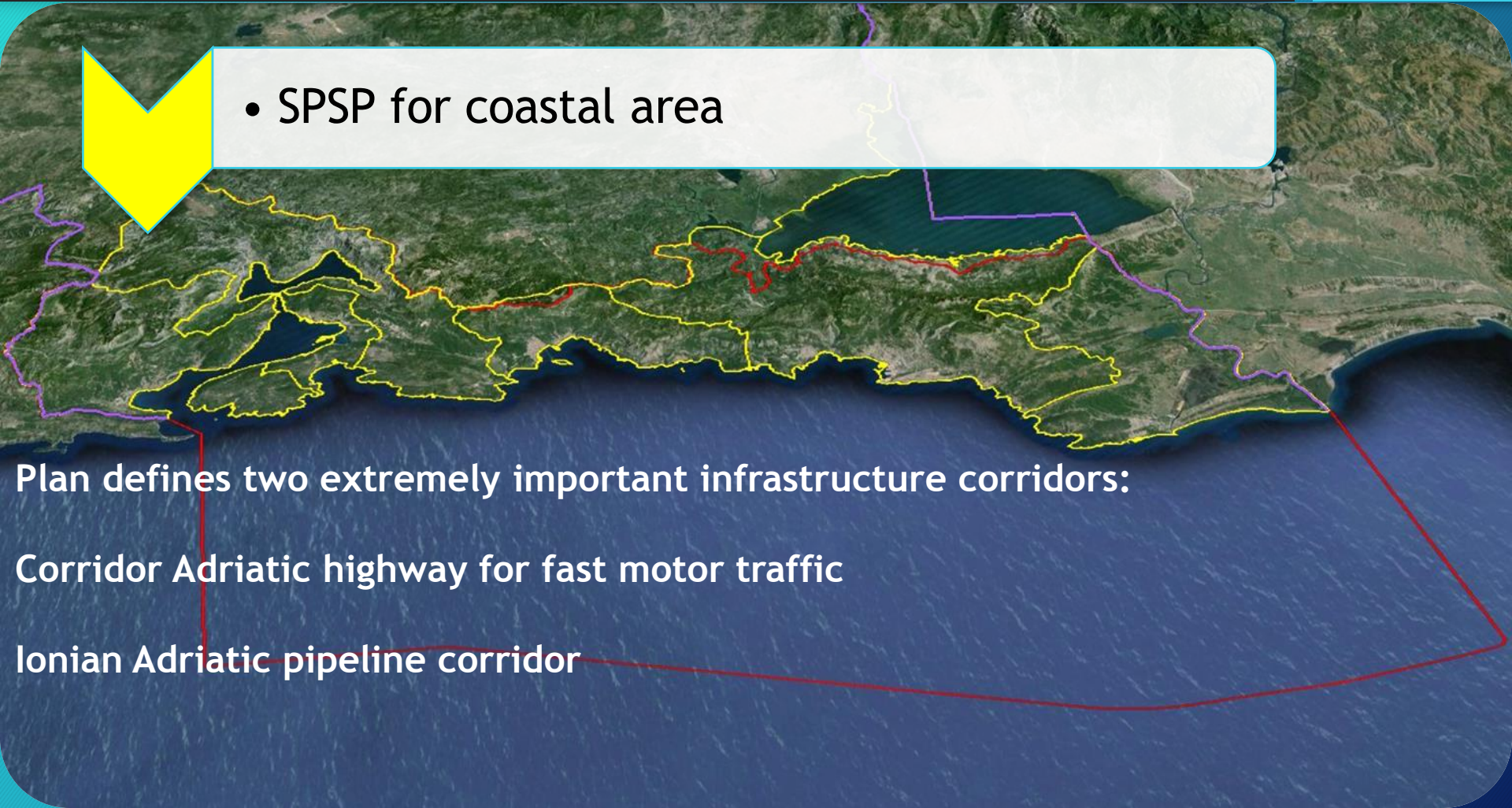
The shortest link of Western Europe to the south and thus connecting Italy, Slovenia, Croatia, Bosnia and Herzegovina, Montenegro, Albania and Greece and has a great connection with Kosovo and Macedonia

Total length of the Adriatic-Ionian highway is about 1,550 kilometers, of which 95 km runs through Montenegro. About 36 kilometers or more than a third of the route is located on the territory of Podgorica.

The planned route of the Adriatic-Ionian highway is part of the Route 2b SEETO network through Montenegro.



Planning documentation, which is under construction

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- SPSP for coastal area

Plan defines two extremely important infrastructure corridors:

Corridor Adriatic highway for fast motor traffic

Ionian Adriatic pipeline corridor

• SPSP for Costal Area

Adriatic highway for fast motor traffic (ie. The Adriatic "fast" road), which extends along the route: Debeli Brijeg (border towards Croatia) - Herceg Novi - crossing over the Bay of Kotor - Tivat - Budva - Bar - Ulcinj - border towards Albania.

The route of the Adriatic fast road is part of the Routes 1 SEETO network through Montenegro.



The map illustrates the proposed railway line from Tammisaari to Lappeenranta. The route is marked in red, starting from Tammisaari and passing through Kouvola, Lappeenranta, and various points along the coast. Key locations and points of interest are labeled, including Tammisaari, Kouvola, Lappeenranta, and various points along the coast. The map is color-coded by region: yellow for the coastal area, green for the inland area, and blue for water bodies. An inset map shows the location of the route within the Baltic Sea region.



Thank you for attention!