Programme objective

Protection, development and utilization of Sava river from Slovenian border to Sisak
Programme stakeholders

Ministry of economy
Ministry of regional development and EU funds
Ministry of foreign and european affairs
Ministry of construction and physical planning
Ministry of environmental and nature protection
Ministry of maritime affairs, transport and infrastructure
Ministry of agriculture
Center for monitoring business activities in the energy sector and investments
City of Zagreb
Zagreb county
Sisak-moslavina county
Croatian waters
HEP inc.
Management Scheme

Steering Board

Consultants

Operational Group

Expert Council
Multicriterial analysis

Evaluated criteria:
1. Flood defense
2. Groundwater protection
3. Navigability
4. Hydropower
5. Transport
6. Urban regeneration
7. Tourism and recreation
8. Agriculture
9. Downstream effects
10. Environment
11. Social involvement
12. Financial results
13. Climate changes
HPP Podsused
42.7 MW
170.23 GWh/year

HPP Prečko
42 MW
172.41 GWh/year

Lučko floodgate
Q = 4500 m³/s

HPP Sisak
26.9 MW
85.30 GWh/year

SHPP Jarun
9.3 MW
52.00 GWh/year

SHPP Šanci
9.3 MW
52.00 GWh/year

SHPP Petruševec
9.3 MW
52.00 GWh/year

SHPP Ivanja Reka
9.3 MW
52.00 GWh/year

Sava-Sava channel
Q = 4500 m³/s

Odra canal floodgate
Q = 1500 m³/s

Palandim floodgate
Q = 1100 m³/s

Sava-Sava channel
Q = 4500 m³/s
Energy production

150 MW of installed capacity

25% of capitals yearly consumption.

PRODUCTION IN CENTER OF CONSUMPTION
Spatial potential in Zagreb
Traffic potentials
Groundwater and flood defense

- Groundwater levels stabilization
- Positive effect on water wells
- Long term solution for water supply
- Increase of flood defense level in the area
- Irrigation
Hydropower sustainability assessment protocol

1. Needs assessment
2. Option analysis
3. Policies and plans
4. Political risks
5. Institutional capacity
6. Technical risks
7. Social risks
8. Environmental risks
9. Economical and financial risks
SEA and feasibility study

1,5 million euro grant

SEA in regards to:
• Croatian legislation
• EC SEA Directive
• EC legislation (especially taking into consideration Directives on birds and habitats)
• Natura 2000
• EBRD Environmental and social policy

Feasibility study with following elements:
• MCA options assessment
• Detailed technical specifications of preferred option
• Financial model for the programme and all objects
• Project implementation plan
• Procurement plan
Thank you for your attention