



HIDROELEKTRARNE NA SPODNJI SAVI

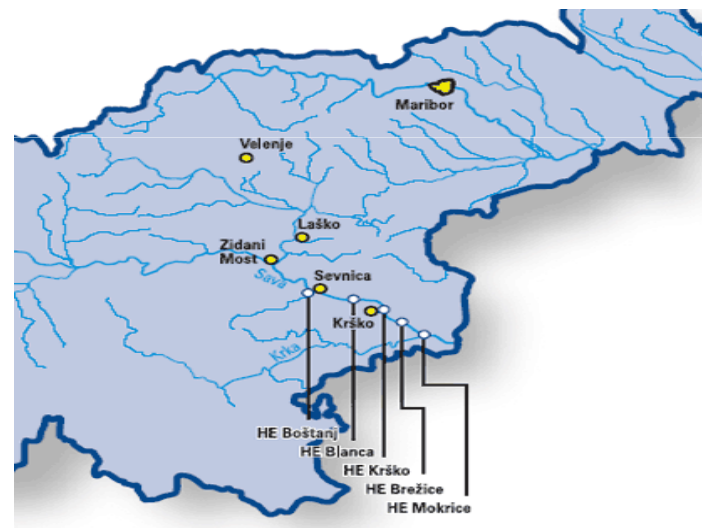
A multi purpose Sava river project Hydro power, drought and flood management approach

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Introduction

- Use Sava river hydro potential
- Sustainable energy production (renewable source)
- Chain of HPPs from spring to SLO border
- Three sections
 - Upper
 - Middle
 - Lower
- Lower Sava river section
 - Five HPPs:
 - 180 MW
 - 700 GWh/year
(> 5% of SLO demands)
 - Infrastructure
- Start - 2002, completion - 2019



Investment goals



Project incorporates interests of:

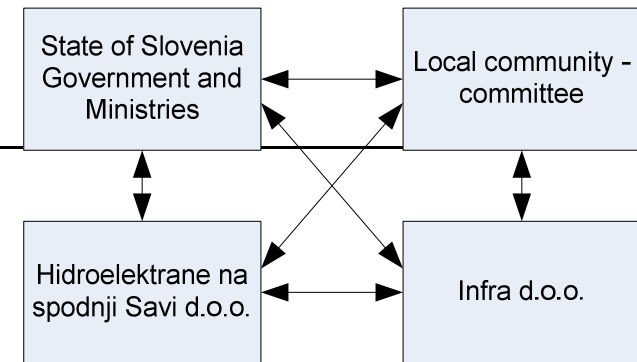
- Republic of Slovenia
- Hidroelektrarne na spodnji Savi
- Local communities

Goals:

- Increase share of hydro-energy & energy from renewable source;
- Minimize impacts on the environment;
- Cost-effective energy source;
- Enhancement of electrical grid;
- Water regulation (erosion protection);
- Enhancement of flood safety;
- Prevention of decreasing underground water level;
- Drought prevention;
- Roads and railway infrastructure improvements;
- Waste-water treatment plants;
- Local and regional development through concession fees income for regional and local development programs;
- New recreational areas, development of tourism, improvement of life quality

Organization and project management

- Extremely comprehensive and complex with many projects and several investors
- Required proper organization at all stages
- Necessary to harmonize many interests and requirements with regard to properties and capabilities.
- Appropriate organizational structure established to enable and provide the professional project execution
- The company Hidroelektrarne na spodnji Savi d.o.o. is responsible for the power generation part of the project as well as for project coordination;
- The public enterprise Infra d.o.o. is in charge of the infrastructural projects
- Local community is involved as projects have influence on people's lives.
- The local community founded a special Board and Municipal Committees for appropriate communication between the investors and local community.



Conclusion



- HPPs project shall not merely present a power generation project because it affects the environment at a broader extent.
- The environment is permanently changed by the project and other aspects shall be considered to:
 - Enhance the quality of life
 - Provide flood protection
 - Improve the infrastructure
- Project to be executed in close and sensitive cooperation with local communities.
- Local support for the HPPs project is assured by turning HPP project into multi-purpose project with significant benefits for local communities.
- The lower Sava river project has proven to be feasible and economical for all the partners on this project, and the relative smoothness of the implementation so far might pave the way for designing similar environmentally sensitive projects in the future.



Thank you very much for the
attention!