



The way **forward** for Hydro in the EU

Hydroenergia 2010, Lausanne
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Background

- **Project started in June 2009 – runs for 3 years**
- **Co-financed by the Intelligent Energy Europe Programme**
- **The main objective is to define a Road Map for the Small Hydropower Sector => to promote the sector in order to contribute to the RES Directive targets for 2020**
- **Creation of the first comprehensive Database on Hydro information covering EU-27**
 - **Awareness raising and information to national and local decision-makers**
 - **Political impact, lobby action: To remove barriers and to improve conditions for SHP**



Consortium

- **ESHA (co-ordination)**
- British Hydropower Association (UK)
- France Hydro Electricité (FR)
- Lithuanian Hydropower Association (LT)
- APER (IT)
- APREN (PT)
- Slovenian Small Hydropower Association (SI)
- SERO (SE)
- EDORA (BE)
- Institute of fluid-Flow Machinery (RO) &
- Polish Hydropower Association (PL)
- **Collaboration:** EREC, Eurelectric, Eur'Observer, Eurostat & HEA



Content

Data collection



- Hydro Energy data
- Hydro Market data
- Hydro Policy data

**HYDI
database**

Management

Stream Map

- Current state of play for SHP sector
- Needs, challenges, barriers, potentials & trends for future

- 2020 RES targets
- Removal of barriers
- Info & lobby action at EU, national and local levels

**Promotion of
SHP**

Communication & Dissemination

HYDI

Hydro Data Initiative

- **First EU Database centralising ALL Hydro info in the EU-27**
- **Structured in three sections: Energy, Market and Policy data**
- **Reference Year: 2007**
- **Yearly updated**
- **Free access to public in general**
- **Covering EU-27 Member States**
- **Available at the Stream Map website:**

www.streammap.esha.be

Data Collection

- **Questionnaires sent to register of Sources in each EU-27 Member State**
- **Energy, market and policy data including info such as installed capacity, electricity production, employment figures, costs, fees, timeframes for authorisation process, concessions, potentials, impact of regulation etc.**
- **Compilation of data to be fed into HYDI**
- **Internal data quality control by consortium plus external by cross-checking with info from EREC, Euroelectric, Observer, HEA and Eurostat**



The Stream Map

- **Based on analysis of the collected data => Current state of the art & key document for the sector to identify needs, barriers and challenges & trends for future development**
- **Instrument for lobbying & communication to influence national and local policymakers in view of the implementation of RES Directive**



Communication

- **Statistical Releases on energy, market and policy data on yearly basis**
- **Yearly CD ROM on Hydro Statistics**
- **Informing press and media at European & national levels**
- **International Conference Stream Map**
- **Project website: www.streammap.esha.be**
- **10 National workshops in Member States: meetings with local stakeholders – distribution of Stream Map document**

First info available autumn 2010



Impact

- **Hydro current state of art and forecast for future in EU-27**
- **National Renewable Energy Action Plans: SHP energy mix**
- **Stakeholders: free access to HYDI database**
- **Image: Raising awareness on the reality of the sector – improving conditions for SHP & removal of barriers**



Thanks for your attention!



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