



# The way forward for EU Hydro



# **Background**

- **Project proposed in 2008 to the European Commission**
- **Awarded in 2009 under the Intelligent Energy Europe Programme**
- **Draft a Road Map for the Small Hydropower Sector: RES Directive and bidding targets in 2020**
- **Creation of the first EU Database on Hydro information: HYDI**
- **National and Local authorities: Raising awareness of Hydropower state of the art and relevance in National RES Action Plans (due to June 2010)**
- **Political impact, lobby action: Hydro reference – unification of the sector**



# The Project

- **Period:** June 09-June 12
- **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, Euroelectric, Observer, Eurostat & HEA
- **Partially funded by the EC**



# Contents

- **WP1:** Management (ESHA)
- **WP2:** HYDI Database (ESHA)
- **WP3:** Energy Data (LHA)
- **WP4:** Market Data (BHA)
- **WP5:** Policy Data (FHE)
- **WP6:** Stream Map (ESHA)
- **WP7:** Communication & Dissemination (ESHA)

# **HYDI**

## **Hydro Data Initiative**

- **First EU Database centralising ALL Hydro info in the EU-27**
- **Reference Year: 2007**
- **Yearly updated**
- **Free access to public in general**
- **Structured in three sections: Energy, Market and Policy**
- **Comprising EU-27 Member States**
- **Available as from May 2010 under the Stream Map website: [www.streammap.esha.be](http://www.streammap.esha.be)**



# **Data Collection**

- **Questionnaire supported by EC letter sent to sources together with Methodological notes & definitions documentation**
- **Register of Sources in each EU-27 Member State**
- **Compilation of data to be fed in HYDI**
- **Information available in different languages**
- **Internal data quality control by consortium plus external by constrasting and advices from EREC, Euroelectric, Observer, HEA and Eurostat**



# **The Stream Map**

- **Hydi data analysis to draft the current and future Road map for SHP.**
- **Road Map publication to be distributed and discussed at local level: National and local impact**
- **National workshops for the awareness and validation of the Stream Map information**
- **Instrument for communication and influence in national RES policy: National Action Plans and application of RES Directive.**
- **Key document for the sector: future development**



# **Communication**

- **Statistical Releases on energy, market and policy data on a yearly basis.**
- **Yearly CD ROM on Hydro Statistics**
- **Raising Awareness Document end 2009**
- **10 National workshops in Member States**
- **Media register (National & International): Articles**
- **International Conference Stream Map**
- **Hydroenergia 2010 & 2012**
- **Project website**
- **Partners dissemination activities at local level: meetings with local authorities – distribution Stream Map document**





# **Target Groups** **& Impacts**

- **Target Groups: National & Regional Policy Makers; Local Authorities and EU Policy Makers**
- **Key Actors: Market Players and Lobby Groups**
- **Impacts:**
  - **National Renewable Energy Action Plans: SHP energy mix**
  - **Hydro State of the Art and forecast in EU-27**
  - **Image: Raising awareness on the reality of the sector – avoid myths among policy makers and lobby groups**
  - **Stakeholders: free and flexible access to HYDI (own calculations, conclusions and understanding)**



***Thanks for you attention,***

***More info***

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