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# Small Hydro Energy Efficient Promotion Campaign Action

## SHERPA

SHERPA sets out to increase awareness among politicians and decision makers of the relevance of small-scale hydropower (SHP) as a renewable energy source. It addresses the issue of the environmental performance of SHP plants as well as a comprehensive territorial planning approach in relation to water bodies. It also aims to make EU directives, such as the RES-E directive, and the Water Framework Directive more consistent and to ensure that future policy papers are more effective. The project is also working towards a more active debate through the frequent use of policy forums to discuss targets, licensing, and support and planning issues.



## Results

- Policy forums have been held in Lithuania, France, Italy, Poland, and Sweden;
- A report on 'The technical and operational procedure to better integrate small hydro plants into the environment' was produced and is downloadable from the project's website;
- Case studies were carried out in Italy, Spain, Slovenia and France, establishing good-practice examples for preventing, remedying or mitigating the adverse ecological effects of human manipulation of the environment and the hydrological characteristics of surface water bodies;
- An international workshop on public image was held in Sweden, bringing interested parties together from various RES-E fields to exchange information and points of view. Improving SHP's public image was also a key issue: environmental groups, fishermen federations and other public opinion makers were invited to find common ground and collaborate to establish compromises;
- Findings are being disseminated through, for example, information services to members, e. g. newsletters and the ESHA website, and by producing relevant studies and publications.

## Lesson learned

- The SHP sector is facing barriers that are not only coming from administrative or environmental requirements but also for contradiction between the own EU legislation for example from the implementation of the RES-E Directive, the Water Framework Directive and the legislation for protecting fish like the eels or salmon.
- implementation of the RES-E Directive, the Water Framework Directive and the legislation for protecting fish like the eels or salmon. In addition, the sector is complex and unknown. On one side both top-down and bottom-up approaches are needed to support the development of the sector and on the other side the current status of the industry is not well known among the public which makes urgent a deeper analysis of the industry through accurate and reliable data.
- In summary, the SHP offers still an untapped potential to be developed. Last updated: 28.06.2010

## Partners and coordinator

<a href="#">European Small Hydropower Association</a> [1]	Belgium
<a href="#">Institut für Wasserwirtschaft, Hydrologie und Konstruktivenn Wasserbau</a> [2]	Austria
<a href="#">Agence de l'Environnement et de la Maîtrise de l'Energie</a> [3]	France
<a href="#">INNOVATION ENERGIE DEVELOPPEMENT</a> [4]	France
<a href="#">APER - Associazione Produttori di Energia da Fonti Rinnovabili</a> [5]	Italy
<a href="#">Lietuvos hidroenergetiku asociacija</a> [6]	Lithuania
<a href="#">Centralne Laboratorium Naftowe</a> [7]	Poland
<a href="#">Sveriges Energiföreningars Riksorganisation</a> [8]	Sweden
<a href="#">Slovenian Small Hydropower Association</a> [9]	Slovenia

## Contact

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## Budget

Overall budget: 766.185,00 € (EU contribution: 50,00 %)

## Key documents

- [Project Presentation](#) [10]  
PDF 371.02 KB 
- [Assessment of Hydro-power Productivity - EN](#) [11]  
PDF 1.16 MB 
- [Assessment of Hydro-power Productivity - IT](#) [12]  
PDF 1.14 MB 
- [Country Overview](#) [13]

- PDF 1.78 MB 
- [Local Plan - Report](#) [14]  
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PDF 708.4 KB 
- [Report on Mechanism of Social Engineering](#) [21]  
PDF 487.78 KB 
- [Final Publication](#) [22]  
PDF 5.61 MB 
- [Strategic Study for Development of SHP in EU](#) [23]  
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ZIP 8.12 MB 

## In brief

Sector: Electricity production

Duration: 01/10/2006 to 30/09/2008

Contract number: EISAS/EIE/06/088/2006

Website: <http://www.esha.be/sherpa>

### Tags:

electricity

## Related projects

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- [[E-TRACK II](#) <sup>[30]</sup>] A European Tracking system for electricity (E-TRACK) Phase II
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- [[BioGrace-II](#) <sup>[32]</sup>] Bioenergy Greenhouse gas emissions: Align Calculations in Europe
- [[RES-E REGIONS](#) <sup>[33]</sup>] Boosting green electricity in 11 European regions
- [[BETTER](#) <sup>[34]</sup>] Bringing Europe and Third countries closer together through renewable...
- [[CLEAN-E](#) <sup>[35]</sup>] Clean Energy Network for Europe
- [[RES MARKET-PLACES](#) <sup>[36]</sup>] Creating Renewable Energy Market-Places for Investors and Regional Actors...
- [[PV PARITY](#) <sup>[37]</sup>] Definition of grid-parity for photovoltaics and development of measures to...
- [[FUTURES-E](#) <sup>[38]</sup>] Deriving a future European Policy for Renewable Electricity
- [[GEOELEC](#) <sup>[39]</sup>] Develop Geothermal Electricity in Europe to have a renewable energy mix
- [[DG-GRID](#) <sup>[40]</sup>] Enhancement of sustainable electricity supply through improvements of the...
- [[EUROSERV'ER](#) <sup>[41]</sup>] Euroserv'er Barometer (2008-2010)
- [[ELEP](#) <sup>[42]</sup>] European Local Electricity Production
- [[STORE](#) <sup>[43]</sup>] Facilitating energy storage to allow high penetration of intermittent...
- [[GREENNET-EU27](#) <sup>[44]</sup>] Guiding a Least Cost Grid Integration of RES-Electricity in an extended...
- [[GRIDTECH](#) <sup>[45]</sup>] Impact Assessment of New Technologies to Foster RES-Electricity...
- [[IMPROGRES](#) <sup>[46]</sup>] Improvement of the Social Optimal Outcome of Market Integration of DG/RES...
- [[INTER - PARES](#) <sup>[47]</sup>] INnovative Tools for Energy Regulations of Provinces Associations on...
- [[MASSIG](#) <sup>[48]</sup>] Market Access for Smaller Size Intelligent Electricity Generation
- [[RES2020](#) <sup>[49]</sup>] Monitoring and Evaluation of the RES directives implementation in EU27 and...
- [[DIA-CORE](#) <sup>[50]</sup>] Policy Dialogue on the assessment and convergence of RES policy in EU...
- [[GREENNET-INCENTIVES](#) <sup>[51]</sup>] Promoting grid-related incentives for large-scale RES-E integration into...
- [[PV POLICY GROUP](#) <sup>[52]</sup>] PV POLICY GROUP
- [[PV GRID](#) <sup>[53]</sup>] Reducing barriers hampering large-scale integration of PV electricity into...
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- [[RE-DISS II](#) <sup>[55]</sup>] Reliable Disclosure Systems for Europe - Phase II
- [[RESPOND](#) <sup>[56]</sup>] Renewable Electricity Supply interactions with conventional Power...
- [[REALISE FORUM](#) <sup>[57]</sup>] Renewable energy and liberalisation in selected electricity markets Forum
- [[BESTGRID](#) <sup>[58]</sup>] Renewables-Grid and Public Acceptance
- [[GREEN LODGES](#) <sup>[59]</sup>] RES & micro CHP in RURAL LODGES
- [[TRADEWIND](#) <sup>[60]</sup>] Wind Power Integration and Exchange in the Trans-European Power Markets

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**Source URL:** <https://ec.europa.eu/energy/intelligent/projects/en/projects/sherpa>

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