

HIDROENERGIA 2008 - Conference Programme

	Conference Room 1	Conference Room 2
Thursday 12th June Opening Session 9.00-11.00	DAY 1 - SHP Regulatory Framework - Policy, New Opportunities & Image	
	<p>Welcome Video message from Janez Potočnik, European Commissioner for Science and Research, European Commission</p> <p>Welcome by Janez Fajfar, Mayor of Bled</p> <p>Karl Kellner, DG TREN, European Commission (tbc)</p> <p>Claude Turmes, Member of European Parliament (tbc)</p> <p>Vision for sustainable use of water resources in South Eastern Europe, Mitja Bricelj, PhD, Stare Secretary, Ministry of the Environment and Spatial Planning (Slovenia)</p> <p>Bernhard Pelikan, President, ESHA</p>	
11:00 - 11:30	<i>Coffee break</i>	
Morning Plenary Session 1 11.30-13.00	<u>1A: Policy impact on SHP development</u>	
	<p>SHP on the Crossroads between RES Targets and the WFD Directive, C. Lins, Secretary General, ESHA</p> <p>Slovenian Energy Law and Impacts on SHP Development, M. Gospodjinacki, President, SSHA</p> <p>Opportunities for SHP within the Intelligent Energy Europe programme, G. Tondi, EACI (tbc)</p> <p>Research Priorities for SHP, V. Denis, MHyLab</p> <p>The Quality of Hydropower, O. Pirker, Eurelectric</p> <p>Small Hydropower Policy Framework in the New EU Member States and Associated Countries, P. Punys, Lithuanian Hydropower Association</p>	
13.00 - 14.30	<i>Lunch break</i>	
Afternoon Session 2 14.30-16.00	<u>2A: New opportunities for SHP</u>	<u>2B: SHERPA Campaign: Improving SHP image</u>
	<p>Aims & Perspectives of the Development of SHP in Montenegro, S. Skuletic, University of Montenegro</p> <p>What is the Potential of Investment in Small Hydropower Plants in the Republic of Macedonia, S. Panovski, University of St. Clement of Ohrid</p> <p>Small Hydro Development in Digora Gorge in North Caucasus, I. Blyashko & A. Khamukov, INSET</p> <p>Integrated Water Resources Management System for Multiple Purposes including Hydro Energy Production, M-J. Adler, Ministry of Environment and Sustainable Development</p> <p>Turkey's Economically Feasible Hydropower Potential and the Current Developments in SHP, S. Küçükali, Zonguldak Karaelmas University</p>	<p>Small Hydro Power Stations in Slovenia - Licensing, Environmental and Economic Issues, J. Cadez, Gorenjske Elektrarne</p> <p>The improvements in environmental mitigation using small-scale hydropower, T. Tsuzaki, University of Southampton</p> <p>The European Master in Renewable Energy - opportunities for SHP, K. Krell, EUREC Agency</p> <p>Small Hydro - a significant contributor to the local grid safety, J. Steller, Szewalski Institute of Fluid-Flow Machinery</p> <p>The Influence of Small Hydropower Plants on Watercourses - Experiences from Slovenia, N. Smolar-Zvanut, Slovenian Institute for Water</p> <p>ISO 14001 Environmental Management System for Small Hydropower Plants: An Innovative Approach, A. Pénalba, France Hydro-Electricité (tbc)</p> <p>The Italian Targets for 2020 and the New Incentivation System, S. Gollessi, APER</p>

16:00- 16:30		Coffee Break	
Afternoon Session 3 16.30-18.00	<u>3A: New opportunities for SHP (cont.)</u>		<u>3B: SHP & Fish Protection</u>
	<p>SHP in Developing Countries, E. Macías, Alliance for Rural Electrification</p> <p>Small Hydropower Financing in Nepal - CEDB's Experience in Project Financing, A. Pradhan, Clean Energy Development Bank</p> <p>SHP: Back to track in Latin America, C. Velasquez, CELAPEH</p> <p>EPC Model for Execution of SHP Projects in Indian Context, V.P.S Chauhan, M/s Kalpan Hydro Company Pvt Ltd</p> <p>Scope of Conjunctive use of Water Resource of a Small Water Stream in a Remote Area - a Case Study from one of the most backward areas of India, P. Mahajan, I.I.T Kanpur</p> <p>Mini & Micro Hydropower Stations for Production of Inexpensive Energy, A. Nourbakhsh, University of Tehran</p>		<p>Fish Protection at Hydroelectric Water Intakes: State of the Art D. Sonny, Pro-Fish Technology SA</p> <p>The Very Low Head Turbogenerator Set Concept: Fish Friendliness Tests, M. Leclerc, MJ2 Technologies</p> <p>What's Luring Fish into Bypass Systems? A monitoring project at Nature like Bypass Channels in Potamal Fish Region H. Mader, IWHW</p> <p>Considerations of Multiple Species Fish Passage associated with the Development of Small-Scale Hydropower P. Kemp, University of Southampton</p> <p>Bahavioural Response of Migrating Adult European Eels, <i>anguilla anguilla</i>, to Hydraulics associated with Undershot or Overshot Weirs, I. Russon, University of Southampton</p>

Friday 13th June		Day 2: SHP Practical Solutions - Environmental , Planning and Engineering solutions	
Morning Session 4 9.30-11.00	4A: SHP Planning Aspects		4B: SHP Refurbishment
	<p>An Interdisciplinary Approach for Evaluation of Environmental Flow Requirements for SHP plants in Slovenia, N. Smolar-Zvanut, Slovenian Institute for Water</p> <p>A Multicriteria Method for Estimating the Design Flow of Run-of-River Hydropower Plants, C. Severino, Studio Seta srl</p> <p>Risk Management and Resolution Strategies for Established and Novel Technologies in the Low Head, Small Hydropower Market, P. Wiemann, University of Southampton</p> <p>Evaluation of the Residual Potential Hydropower Production in Italy. J. A. Alterach, CESI RICERCA SpA</p> <p>Effects of Turbine Type Selection on Technical and Economical Benefits of the new SHP Project H. Dzafo, JP Elektroprivreda</p>		<p>Bessè SHP Refurbishment & Dam Security: How an Expensive Imposition could become an Opportunity, S. Mazzoleni, Studio Frosio</p> <p>Newest Turbine Technology for Refurbishment of Ludvika Hydro Power Station Sweden, J. Lampl, Kössler GmbH</p> <p>Reconstruction of the Small Hydropower Plant Les Království, M. Šlesinger, CKD Blansko Engineering a.s.</p> <p>Brigl & Bermeister Hydro Power Station: a Rehabilitation with a Tremendous Increase of the Power Output, R. Faast, VA Tech Hydro</p> <p>Overview of the work of the Annex II on small hydro of the IEA Hydropower Agreement & HydroHelp, K. Bennett, IEA Hydropower Agreement</p>
11.00 - 11.30		Coffee break	
Morning Session 5 11:30-13.00	5A: SHP Innovation		5B: SHP Technical Solutions
	<p>Design of a Small Hydro Kaplan Turbine with a Self-Sealing Rotor, E. Dick, Ghent University</p> <p>The Very Low Head Turbogenerator Set Concept: Evaluation of 1st Year Operation, M. Leclerc, MJ2 Technologies</p> <p>Pumps as Turbines for Hydraulic Energy Recovery & Small Hydropower Purposes in Poland, J. Steller, Szewalski Institute of Fluid-Flow Machinery</p> <p>Wastewater Turbining Before and After Treatment - an Optimal Use of Existing Infrastructures, V. Denis, MHyLab</p>		<p>Response Surface Modelling of a Modular Crossflow Hydro Turbine Rotor, C. Akcan & M.F. Aksit, Sabanci University</p> <p>The Rotary Hydraulic Pressure Machine for Very Low Head Hydropower Sites, J. Senior, University of Southampton</p> <p>The Performance of Centrifugal Pumps as Turbines and Influence of Pump Geometry A. Williams, University of Nottingham</p> <p>Transient Phenomenon with Practical Solution, A. S. Žagar, Turboinstitut d.d.</p>
13.00 - 14.30		Lunch break	
Afternoon Session 6 14.30-16.00	6A: SHP Case Studies		6B: SHP Technical Solutions cont
	<p>GRP pipe splutions in Hydro power projects, J. Hausberg, Amiantit Pipe System</p> <p>Hydro Power Plant Projects Schwarzach and Tieferbachl, O. Vogler, HOBAS Rohre</p> <p>The Gran-olo-Sula project: MHP implementation in the Hinterland of Surinam, E. Doujak, Vienna University of Technology</p> <p>Small Hydro Development in Nayar River Valley in lesser Himalayas - A Case Study, D. Das, I.I.T. Roorkee</p> <p>Pontey 1 & 2 Cascade Plants - Every Single Drop of Water is Worth Exploiting for SHP Production - the Long and Successful Way to Implementation, L. Papetti, Studio Frosio</p>		<p>New Concept for a Low Head Hydro Project - Physical Model, D. Beggio, S.T.E S.p.A</p> <p>The Analysis of the Effect Exerted by the Differential Pressure Transducer and the Impulse Piping on the Accuracy of the Gibson Method Discharge Measurement, A. Adamkowski & W. Janicki, Szewalski Institute of Fluid-Flow Machinery</p> <p>Damages in Power Plants - Experiences and Avoidance, H. Altmann & H.P. Würfl, University of Applied Sciences</p> <p>Optimization of a Penstock Intake based on a Simplified Physical Model, G. Floreale & E. Bottazzi, Altene Ingegneri Associati</p>
16:00- 16:30		Coffee break	
Closing Session 16.30-17.30	Closing Session		
	<p>Conference Review & Conclusions Round Table</p> <p>A look Into The Future</p>		