



Conference venue

The Conference will debate in room **B** of the Warsaw **EXPO XXI Center**, situated in the neighbourhood of the Warsaw West (Warszawa Zachodnia) Railway Station, at Gen. I. Prądzyńskiego St., 12/14. You can reach this site by car by turning from Prymasa Tysiąclecia Avenue into the M. Kasprzaka and J. Bema streets. The nearest bus stops are located at M. Kasprzaka and Tunelowa streets (ca 13 minutes by foot). Ca 23 minutes of walk are needed to reach the Conference venue from the Warsaw West Railway Station via the tunnel and the Tunelowa street.

Joining the Conference

This year conference enjoys a record interest. Till October 12th midnight it will be still possible to register using the RENEXPO website www.renexpo-warsaw.com. Till noon October 14th you can still register by sending the completed registration form at the TEW Hydropower Consulting Bureau or TEW Office - pkew@imp.gda.pl or biuro@tew.pl, respectively. After this deadline joining the Conference will be possible only on the Conference day at the Conference registration desk, open since 7:30. The basic net Conference fee is 110 EUR. Discounts are envisaged among others for TEW, TRMEW and ESHA. Further information is available at the www.renexpo-warsaw.com, www.tew.pl and www.imp.gda.pl website. You can use the last two sites to download the Conference registration form.



The Third International Fair for Renewable Energy and Energy Effectiveness

RENEXPO Poland

EXPO XXI Center, Warsaw, 16-17/10/2013
ul. Gen. I. Prądzyńskiego 12/14, Warszawa

Polish Hydropower Conference

Hydropower status and outlook in Poland and Europe

EXPO XXI Center Warsaw, October 16th, 2013



A conference organised by

- Polish Hydropower Association (TEW)
- The Szewalski Institute of Fluid-Flow Machinery of the Polish Academy of Sciences (IMP PAN)
- The Royal Embassy of Norway
- REECO Poland Sp. z O.O.

with expert and editorial support of:

Polish Association for Development of Small Hydropower (TRMEW), IMP PAN Publishers, **Energetyka Wodna** quarterly

FINAL BULLETIN

Conference Programme

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7:30	Registration of participants
8:30	Welcome addresses and opening of the Conference
Session I: Legal, procedural, environmental and economic constraints of the hydropower sector	
8:45	K.Trojanowska (TEW/Energa Hydro), S.Lewandowski (TEW/Hydroconsult): <i>Hydropower plants - hobby or business?</i>
9:00	Ł.Tomaszewski (MG): <i>Assumptions of an optimised support mechanism for producers of electricity out of renewable energy sources</i>
9:15	R.Koropis (TRMEW): <i>Profitability of small hydro power plants with capacity of up to 1 MW in view of possible abolition of the support mechanism</i>
9:30	A.Grześ (TRMEW): <i>Current situation at the markets of electrical energy and certificates of origin and further development of small hydro in Poland</i>
9:45	P.Ciolkowski (CMS C.McKenna & D.Greszta SK): <i>Guarantees of origin - a new opportunity for increasing profitability of the hydropower sector</i>
10:00	R.H.Josefsen (REN AS/Agder Energi Nett AS): <i>Legal contract and topology for connection of DG. Process and guidelines</i>
10:15	K.Eftevand (NVE): <i>Hydro Power in Norway – environmental aspects in licensing procedure and the follow up supervision</i>
10:30	Opening of the RENEXPO Poland 2013 Fair
Session II: Not only electricity generation or what is the hydropower offer nowadays	
11:30	W.Majewski (IMGW): <i>Harnessing the hydropower potential of Lower Vistula</i>
11:45	E.Malicka (TRMEW): <i>RESTOR Hydro – project summarisation after the first year of implementation</i>
12:00	E.Boretzki (Green Heritage Wasserkraft GmbH): <i>Hydropower and ecological concerns - through dialogue to the final goal</i>
12:15	P.Walko (PGE EO O/ZEW Solina-Myczkowce): <i>Water relations as controlled by means of the storage hydropower plants</i>
12:30	S.Lewandowski (TEW/Hydroconsult), A.Adamkowski, M.Lewandowski (IMP PAN): <i>Potential energy storage capabilities of the Polish hydropower sector</i>
12:45	J.Wójcik (ZEW Niedzica): <i>Hydropower plants as a source of electricity for local population</i>
13:00	E.Ostajewski (TEW): <i>Hydropower contribution to voltage restoration, hydropower plant operation in an isolated grid</i>

13:15	Lunch break
14:15	Session III: Panel Debate "Hydropower in search of opportunities"
15:30	Coffee break
Session IV: Experience in design, erection and operation of hydropower plants – good practices, lessons learnt, novel technical solutions	
15:45	R.Storbekk (Norwegian Hydropower AS): <i>Modularized and standardized concept for low head hydropower plants</i>
16:00	J.Steller, K.Felicjancik , A.Henke, W.Janicki, Z.Krzemianowski (IMP PAN): <i>Testing small low head hydraulic units - methodology and practical expertise from Polish hydropower plants</i>
16:15	A.Błaszczyk, A.Papierski (IMP PŁ / HYDRO-POMP), G.Koźba, A.Werner, D.Woźniak, M.Nawrocki (HYDRO-POMP): <i>Establishing the reasons for a turbine control system fluctuations and the method of their removal</i>
16:30	A.Błaszczyk, A.Papierski (IMP PŁ / HYDRO-POMP), G.Koźba, A.Werner, D.Woźniak, M.Nawrocki (HYDRO-POMP): <i>A Kaplan unit overhaul. An upgrade to the control system</i>
16:45	P.Szulc , J.Plutecki (Pol.Wrocławska): <i>Possibilities of using the residual flow for electricity generation</i>
17:00	J.Plutecki (Pol.Wrocławska), J.Tomalik (Hydroergia): <i>An analysis of the hydraulic jump occurrence when passing the flood waters</i>
17:15	Coffee break
Session V: Hydraulic units for the small hydro sector	
17:30	M.Hajdarowicz, A.Łojek, M.Kaniecki (ZRE Gdańsk): <i>Rehabilitation of hydraulic units with twin Francis turbines</i>
17:45	A.Adamkowski, A.Henke , A.Góralczyk (IMP PAN), M.Kaniecki (ZRE Gdańsk): <i>A low head tubular Kaplan turbine - model tests and development of a series of types</i>
18:00	J.Tomalik, M.Klein (Hydroergia): <i>Development of a new high speed turbine draft tube as a part of the Witkowice water mill rehabilitation. A compromise between the draft tube optimisation and interference into the existing SHP civil engineering structure</i>
18:15	Closing of the Conference

Note: The bold font has been used for the names of prospective speakers.