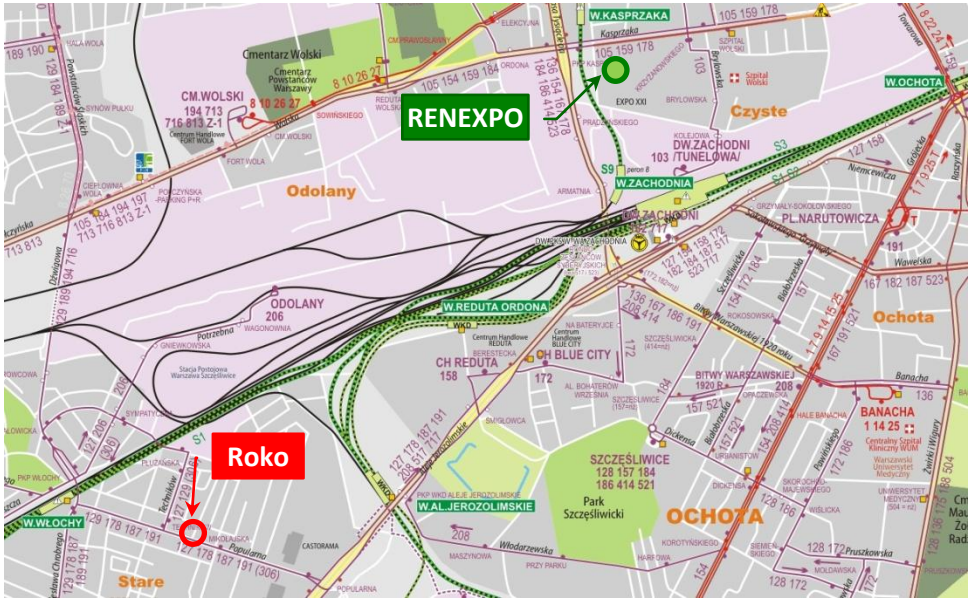

Source: Municipal Transport Administration of the Warsaw Capital City

Conference venue

The Conference will debate in room **B** of the Warsawo **EXPO XXI Center**, situated in the neighbourhood of the Warsaw West (Warszawa Zachodnia) Railway Station, at #12/14 Gen. I.Prądzyńskiego St, 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

Till September 18th it will be still possible to register using the RENEXPO website ***www.renexpo-warsaw.com***. Till noon September 19th 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 at the Conference registration desk, open since 8:00, on September 22nd. The basic Conference fee is 150 EUR. Discounts are envisaged among others for TEW and TRMEW members. Further information is available at the ***www.renexpo-warsaw.com***, ***www.tew.pl*** and ***www.imp.gda.pl*** websites.

Conference dinner

Conference Delegates are invited to the Conference Dinner connected with the TEW National Assembly reception. Both events will take place in **Roko** hotel at Mikołajska 2 street (convenient municipal transport till 23:12 using bus lines 127 and 191). The Delegates, who have not declared their participation at the registration form will have an opportunity to register at the Conference Registration Desk prior to the Panel Debate).

The Fifth International Fair for Renewable Energy and Energy Effectiveness

RENEXPO Poland

EXPO XXI Center, Warsaw, 22-24/09/2015
ul. Gen. I.Prądzyńskiego 12/14, Warszawa

Polish Hydropower Conference

Hydropower status and outlook in Poland and Europe

EXPO XXI Center Warsaw, September 22nd 2015

Towarzystwo Elektrowni Wodnych

A conference organised by

- **Polish Hydropower Association (TEW)**
- **The Szewalski Institute of Fluid-Flow Machinery of the Polish Academy of Sciences (IMP PAN)**
- **Polish Association for Development of Small Hydropower (TRMEW)**
- **REECO Poland Sp. z O.O.**

with editorial support of:

Energetyka Wodna quarterly and IMP PAN Publishers

Bulletin no 2

Preliminary conference programme

Conference Programme

8:00	**Registration of participants**
9:00	**Welcome addresses and opening of the Conference**
Session I:	**Hydropower current status and outlook in Poland and Europe**
9:15	**J.Steller** (IMP PAN/TEW): *5 years of Polish Hydropower Conferences - from HYDROFORUM to RENEXPO Poland*
9:30	**W.Majewski** (IMGW): *What next for Polish water management system?*
9:55	**K.Trojanowska** (ENERGA/TEW), S.Lewandowski (TEW): *Hydropower in the water resources management*
10:15	**E.Malicka** (TRMEW): *The potential for small hydro development at existing damming structures. The available databases and legal constraints*.
10:30	**Opening of the RENEXPO Poland 2015 Fair**
Session II: Panel debate " Hydropower in search of its opportunities "	
11:30	**S.Lewandowski** (Hydroconsult/TEW), **J.Cieślak** (PGE EO/TEW), **J.Popczyk** (Silesian University of Technology): Introduction to the debate
12:30	**Lunch break**
Session III:	**Good practices and experience in hydropower plant design, erection, and operation**
13:30	J.Granatowicz, **P.Śliwiński** (ENERGA Invest): *Rościno SHP rehabilitation*
13:45	**J.Tomalik** (Hydroergia): *Good practices during rehabilitation of historical Francis turbines at an example of Krosnowice SHP and Szklarska Poręba I Hydropower Plant*
14:00	**J.Tomalik** (Hydroergia): *Francis turbine equipped SHP as an energy recovery system in Torun waste water treatment installation*
14:15	**B.K.Puchowski** (Thordon Bearings Inc.): *Water lubricated bearings and their use in hydraulic civil engineering*
14:30	**J.Wysocki** (Enerko Energy): *Kaplan turbines designed with the use of water lubricated bearings –turbine manufacturer's experience*
14:45	**D.Niesyty**, B.K.Puchowski (Piła Młyn): *Floating protection barriers - reduction of trash inflow*

ENERGETYKA WODNA
CZYSTA ENERGIA

WYDAWNICTWO IMP PAN

TRMEW

IMP PAN GDAŃSK

REECO

Conference Programme

15:00	**Coffee break**
Session IV:	**Novel designs of hydropower equipment and hydropower oriented R&D activities**
15:15	**P.Pistelok,** S.Gawron (Komel): *Permanent magnet synchronous generators as dedicated for small hydropower installations*
15:30	**P.Punys**, E.Kasiulis (A.Stulginskis University / LHA): *Possibilities for tapping free flow energy in the rivers of Lithuania*
15:45	**R.Vestby** (Deep River): *Hydropower plants without dam facilities*
16:00	**A.Góralczyk**, A.Adamkowski (IMP PAN): *A model of an axial-flow turbine in a nozzle – results of experimental and computational investigation*
16:15	**K. Drejer** (Ansee Consulting): *The use of an OpenFOAM model to simulate pollution spreading at a Brda River example*
16:30	**A.Polniak** (AQUA-Tech): *Autonomous inflatable weirs and the use of composites in civil engineering structures at an example of rubber weirs with damming flaps*
16:45	**Coffee break**
Session V:	**Pro-ecological innovations in hydropower technology**
17:00	**D.Niesyty** (Piła Młyn): *Fish protection against entering hydraulic turbines - electronic fish protection barriers*
17:15	**P.Augustyn** (Procom System): *NEPTUN – an innovative solution preventing fish from entering hydropower plant turbines*
17:30	**M.Drzewiecki** (ITE): *Hydro Connect – innovative fish ladders*
17:45	**D.Bartelt**, M.Detering (DB Sediments): *Sustainable water storage and electricity generation with technically supported sediment transfer*
18:00	**M.Drzewiecki** (ITE): *The landscape effects of newly designed hydropower installations at an example of VLH and Stream Diver turbines*
18:15	**Conference Closure**

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

20:00	**Conference dinner**

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