



Embassy
of the Republic of Poland
in Stockholm



INVITATION

The Embassy of the Republic of Poland in Stockholm in cooperation with the Royal Institute of Technology, the Council of the Baltic Sea States and Suecia Polonia Bro association invite you to a seminar on:

Water: Today's Challenges and Future Solutions Water and Wastewater Management in Sweden and Poland

Water and wastewater management is one of the basic factors determining the sustainable development. The modernization of wastewater treatment plants and sewer systems contributes to a significant reduction of the amount of pollutants discharged to surface water. The aim of the seminar is to present Polish and Swedish efforts to improve the state of the Baltic Sea environment through effective wastewater treatment. The initiative reflects one of the priorities of the Polish Presidency in the Council of the Baltic Sea States related to the promotion of sustainable development in the Baltic Sea region.

Date: 25 November (Wednesday) 2015

Time: 09.30-16.00

Venue: Premises of the CBSS Secretariat, Slussplan 9, 103 11 Stockholm

Seminar language: English

Please confirm your attendance by 19 November to: Chris.Tancredi@cbss.org

The seminar, including lunch and coffee, is free of charge.

Seminar programme

Water: Today's Challenges and Future Solutions ***Water and Wastewater Management in Sweden and Poland***

"Water is not a commercial product like any other, but rather a heritage which must be protected, defended and treated as such".

from EU Water Framework Directive (2000/60/EG)

09.00-09.30 **Registration**

09.30-09.45 **Welcome**

- Wiesław Tarka, Ambassador of the Republic of Poland to the Kingdom of Sweden
- Ramon Wyss, Vice President of the Royal Institute of Technology (KTH)
- Bernd Hemingway, Deputy Director General of the Council of the Baltic Sea States Secretariat (CBSS)

09.45-10.30 **Session I**

Water and Wastewater Management in the Baltic Sea Region – Today's Challenges and Future Solutions

- Poland: Prof. Jacek Mąkinia, Vice-Rector for Cooperation and Innovation, Gdańsk University of Technology: *Trends in nutrient removal technologies – the Polish perspective;*
- Sweden: Jenny Hedman, EU Strategy for the Baltic Sea Region and Swedish Environmental Protection Agency, *Future challenges of the Baltic Sea related to hazardous substances – Example of pharmaceutical pollution;*
- Poland: Wojciech Nasiłowski, Counsellor to the President of the National Water Management Authority (NWMA): *Wastewater management in Poland: Investment projects in 2004-2014.*

10.30-10.45 **Q&A**

Moderator: Prof. Elżbieta Płaza

10.45-11.05 **Coffee break**

11.05-12.05 **Session II**

Modernization of Water Supply and Wastewater Treatment Systems: Opportunities and Challenges

- Sweden: Östen Ekengren, Executive Vice President, Swedish Environmental Research Institute (IVL), *Wastewater treatment plants for the future;*
- Poland: Stanisław Drzewiecki, President of the Management Board, Municipal Water Supply and Sewage Company of Bydgoszcz: *Modernisation and expansion of water supply and sewage system in Bydgoszcz and their impact on the water quality;*
- Sweden: Prof. Elżbieta Płaza, Department of Sustainable Development, Environmental Science and Engineering (SEED), Royal Institute of Technology (KTH): *New directions in wastewater treatment technology in Sweden;*
- Sweden: Dr Stig Morling, SWECO, *How sustainable is our wastewater treatment?*

12.05-12.20 **Q&A**

Moderator: Prof. Elżbieta Płaza

12.20-13.20 Lunch (buffet)

13.20-14.20 Session III – Part I

From Theory to Practice: Investments in Water and Wastewater Treatment

- Poland: Grzegorz Wasilewski, Member of the Board, Municipal Water Supply and Sewerage Company in Warsaw, *Experience from WSSC in Warsaw – 25 years of efforts for the purity of the Vistula River and the Baltic Sea*;
- Sweden: Anna Maria Sundin, Käppala Association: *Käppala WWTP – strategies and investments in a ten-year perspective*;
- Poland: Dr Marek Swinarski, Gdansk Water Utilities: *The efforts of Gdansk City for the improvement of the quality of wastewater discharged into the Baltic Sea*;
- Sweden: Christer Laurell, Stockholm Water Company, *Experience from Henriksdal WWTP and Stockholm Vatten AB*.

14.20-14.35 Q&A

Moderator: Prof. Jacek Mąkinia

14.35-14.50 Coffee break

14.50-15.35 Session III – Part II

From Theory to Practice: Investments in Water and Wastewater Treatment

- Poland: Piotr Ziętara, Member of the Board-Managing Director, Municipal Water Supply and Sewage Company in Cracow: *Infrastructure projects in the wastewater management in Cracow agglomeration and their impact on the water quality of the Vistula River and the Baltic Sea*;
- Sweden: Jesper Olsson, Uppsala Vatten: *Upgrading and possible new sludge treatment methods at Uppsala WWTP*;
- Poland: Paweł Chudziński, President of the Management Board, Aquanet SA: *The concept of sustainable development in a water supply and sewage company*.

15.35-15.50 Q&A

Moderator: Prof. Jacek Mąkinia

15.50-16.00 Wrap up and Conclusions by Prof. Elżbieta Płaza