



Water Protection and Water Conservation in the Urban Environment

The City of Stockholm invites city officials, decision makers, environmental authorities, NGO's, researchers and those involved or interested in water management, to a seminar about water protection and water conservation in the urban environment. The seminar is held in central Stockholm, on October 18 - 19. Study visits will be arranged on October 20 (half-day).

The aim of the seminar is to exchange experiences between European cities, to present good practices and to create a platform for discussing future collaboration regarding urban water protection and conservation.

The EU Water Framework Directive demands further improvement of the conditions in most water bodies, both inland and coastal waters, which is a great challenge for the future.

Experiences from Stockholm and a number of European cities will be presented during the seminar and following workshops, within the context of urban water management. There will also be space for an exhibition of roll-ups and posters allowing more participants to present their experiences.

On the evening of Oct. 18 a buffet reception will be arranged in the Stockholm City Hall, including a guided tour in the building, famous from the annual Nobel Price ceremony.

Time: October 18, 12.00 – October 19, 17.00.

Study visits will be arranged on October 20, 8.00 – 13.00.

Venue: The House of the European Commission, Stockholm, Sweden.

Participation fee: 150 €.

Registration: at Seminar website, www.stockholm.se/egcwaterconservation

For further information, please contact:

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Co-organisers:



CITY OF STOCKHOLM
ENVIRONMENT AND
HEALTH ADMINISTRATION

www.international.stockholm.se

Seminar - Day I

Monday, October 18

- Moderator:** Anders Finnson, The Swedish Water & Wastewater Association
- 11.00 - 12.00** Registration, installation of roll-ups and poster exhibition
- 12.00 - 13.00** **Buffet lunch & Exhibition**
- 13.00 - 14.20** **Opening of the Seminar - Day I**
Anders Finnson, The Swedish Water & Wastewater Association
- Welcome to the City of Stockholm – European Green Capital 2010
Ulla Hamilton, Vice Mayor, City of Stockholm
- Water protection and conservation within the EU
Pernilla Baralt/Pierre Schellekens, European Commission, Representation in Sweden
- Urban Water Management – recent development and trends, challenges for the future
Key-note speaker (To be announced)
- 14.20 - 14.50** **Coffee break**
- 14.50 - 15.40** Management of urban lakes: Stockholm experiences
Christer Lännergren, Stockholm Water Company
- Stockholm Water Programme – Goals and measures for improved water quality and recreation
Magnus Sannebro, City of Stockholm
- The Stockholm Environmental Billion – Examples of water conservation measures and results
Carl-Gustaf Leijonhufvud, Stockholm Water Company
- 15.40 - 16.00** **Break**
- 16.00 - 17.00** Copenhagen – living with water. Integrating water quality with urban development and climate change adaption
Lycke Leonardsen and Jan Ramussen, City of Copenhagen
- Waterproofing Amsterdam – Coping with present and future water challenges in a dynamic city
Paulien Hartog and Camiel van Drimmelen, City of Amsterdam
- End of Seminar - Day I**

Reception at Stockholm City Hall

- 18.00** Bus leaves from Scandic Hotel Anglais to the reception at the City Hall
- 18.30** Welcome to Stockholm City Hall
Gunnar Söderholm, Director of the Stockholm Environment and Health Administration
- 19.00** Dinner buffet and guided tour in the building
- 21.00** **End of reception**
Individual transportation back to hotels

Seminar & Workshops - Day 2

Thursday, October 19

Moderator: Per-Arne Malmqvist, CIT Urban Water Management

08.30 - 09.00 Coffee & Exhibition

09.00 - 10.30 **Opening of the Seminar & Workshops - Day 2**

Per-Arne Malmqvist, CIT Urban Water Management

Implementation of the Water Framework Directive – A perspective from EUREAU/the European water companies

Anders Finnson, The Swedish Water & Wastewater Association

The Panke River restoration project in Berlin – Measures and participation

Heiko Sieker, Ingenieurgesellschaft Prof. Dr. Sieker mbH, Berlin

Enhancing inner city ecological structures along waterways

Arthur Hagen, City of the Hague/Eurocities Water Working group

Cooperation in the Tyresån drainage basin – 15 years of successful water conservation

Irène Lundberg, Tyresån Water Conservation Association

10.30 - 10.45 Introduction to Workshops

Per-Arne Malmqvist, CIT Urban Water Management

10.45 - 11.15 **Coffee break**

11.15 - 12.30 Workshops start (see details on next page)

12.30 - 13.30 **Buffet lunch & Exhibition**

13.30 - 15.00 Workshops continue

15.00 - 16.30 Presentation of results from Workshops - Discussion

16.30 - 17.00 Summary of Seminar & Workshops - Conclusions

Per-Arne Malmqvist, CIT Urban Water Management

Information and instructions about Study Visits, Oct. 20

Magnus Sannebro, City of Stockholm

End of Seminar - Day 2



Workshops

Parallel workshops on Tuesday, October 19

Workshop 1: Urban Planning and Stormwater Management

- Moderator:** Per-Arne Malmqvist, CIT Urban Water Management
- 11.15 - 11.45** **Opening presentations**
- Stormwater Management in the City of Hamburg – The RISA Project
Axel Waldhoff, Hamburg Wasser
- The need of flexible regulation for stormwater detention
Lars-Erik Widarsson, NW Scania Water and Wastewater Company
- 12.30 - 13.30** **Buffet lunch & Exhibition**
- 13.30 - 15.00** Workshops continue (Coffee break included)
- 15.00 - 16.30** Presentation of results from Workshops - Discussion

Workshop 2: Water Conservation and Lake Restoration

- Moderator:** Anna Åhr Evertson, County Administrative Board of Stockholm
- 11.15 - 11.45** **Opening presentations**
- Two Amsterdam city lakes – Integrating goals for water quality with recreation and energy production (cooling)
Paulien Hartog, City of Amsterdam
- Methods used for the restoration of urban lakes in Stockholm
Lars Lindblom, Stockholm Water Company
- 12.30 - 13.30** **Buffet lunch & Exhibition**
- 13.30 - 15.00** Workshops continue (Coffee break included)
- 15.00 - 16.30** Presentation of results from Workshops - Discussion

Workshop 3: Monitoring of Coastal Waters and Archipelagos

- Moderator:** Anders Finnson, The Swedish Water & Wastewater Association
- 11.15 - 11.45** **Opening presentations**
- Environmental monitoring in a National/EU- perspective – How to get the whole picture
NN (To be announced), Swedish Meteorological and Hydrological Institute
- Importance of nitrogen reduction – Results from Himmerfjärden and the Himmerfjärden wastewater treatment plant
Ulf Larsson, University of Stockholm
- 12.30 - 13.30** **Buffet lunch & Exhibition**
- 13.30 - 15.00** Workshops continue (Coffee break included)
- 15.00 - 16.30** Presentation of results from Workshops - Discussion

Study Visits - Day 3

Wednesday, October 20

Study Visits - Options

1. Stormwater Treatment

A field-trip to different types of stormwater treatment installations, including road stormwater and stormwater from industrial and residential areas. Stormwater drainage through ponds and a restored creek. Discussion about stormwater management solutions when developing new residential areas.

2. Lake restoration

A field-trip to a number of urban lakes within the City of Stockholm. Restoration methods used in Stockholm are described. Participation and local cooperation around lakes and watercourses. Improvement of bathing water quality. Stockholm's fish stocking program for salmon and sea-trout.

3. Wastewater Treatment

A study visit to Henriksdal wastewater treatment plant, which today is one of the largest and most modern in Europe. Henriksdal is also one of the world's largest underground treatment plants. At least 95 percent of the organic substances and 98 percent of phosphates, plus at least 50 percent of the nitrogen are removed during purification.

Program for Study visits

08.00 Start at The House of the European Commission - Coffee

08.30 Departure by bus to study visit
Lunch (sandwiches) during visits

13.00 Return to The House of the European Commission

End of Study Visit

