



GUIDED WORKING VISIT PROGRAMME IN FLANDERS

# ROOM TO THE RIVER

## Integrated Flood Protection Management

**19 – 20 -21<sup>st</sup> of March 2007**

- Flemish approach of Integrated Flood Protection Management
- Site visit at Flood Control Area Kruibeke – Bazel - Rupelmonde
- Site visit at Controlled Reduced Tide pilot Hamme Lippenbroek
- Nature compensation areas for large infrastructure works
- Visit at Flanders Hydraulic Research Centre
- OBM Demer: real time flood forecasting
- Bornem overflow area & Temse WWTP



MINISTERUL MEDIULUI  
SI GOSPODARIRII APELOR

MINISTERUL ADMINISTRATIEI  
SI INTERNELOR



## **OUTLINE OF THE WORKING VISIT PROGRAMME**

### **Day 1: Monday, 19 March 2007**

09:30 h Shuttle by mini bus from President hotel to Castle of Ham

10:30 h Kick off meeting at Castle of Ham under the chairmanship of Mr Jan Winters; adjunct head of cabinet for Kris Peeters, Flemish Minister for Public Works, Energy, the Environment and Nature

Presentation of the Flemish Sigma Plan by Mr. Wim Dauwe, Head of Investments, Dptmt Seaschedt, Waterways & Seacanals

Technical detailing by the following private co's;

- IMDC: Risk assessment analysis updated Sigma plan, Mr. Dirk Bulckaen
- Resource Analysis: Multi criteria approach of the Sigma plan ( EIA and the communication and decision making process), Mr. Koen Coudere
- MOSTforWATER: WFD by Mr. Dirk Van der Stede/ Mr. Dirk Desmet

13:00 h \*Lunch at Castle of Ham

14:30 h Presentation of VMM( Flemish Environment Agency as a public body with regard to early warning systems in Flanders showing the practical case: "Operationeel Bekken Model( OBM Demer/ river basin Demer)" followed by Q & A.

*This presentation will cover challenges and policy progress in flood forecasting on the river Demer ( incl. forecasting infrastructure available in Flanders). Also developments in precipitation forecasting and developments in river forecasting by Mr Kris Cauwenberghs/ Mr Steven Smets of the Flemish Environmental Agency - VMM)*

15:30 h Coffee break

15:45 h Presentation: Commission's view on the Sectoral Operational Programme ( SOP) Environment for Romania, **Mr Andreas von Busch - European Commission - DG Regional Policy - Unit H3 - Interventions in Romania**

16:15 h Presentation by Ecolas, Mr. Arnoud Lust - Project pipeline development for flood risk management projects with focus on Cost Benefit analysis.

17:00 h Presentation by **Mr Christophe Gleitsmann, Water & Wastewater specialist, Project directorate European Investment Bank** : Financial instruments to protect Romania against floods.

17:30 h Conclusion of the day by Kristof Peperstraete, President VMD – Int.

18:00 h \*Dinner at Castle of Ham.

19:30 h Transfer from Castle of Ham to President hotel – **END OF DAY 1**

*\* See registration form*

## **Day 2: Tuesday, 20 March 2007**

08:45 h Transfer from the President hotel to Bornem

09:30 h Guided site visit Bornem overflow area ( optional visit at WWTP Temse )  
Subject: Ecological benefits of Floating Plant Beds

10:30 h Welcome at Kruikebeke yard by Mr. Stefan Nollet, projectmanager Flood Control Area ( FCA) Kruikebeke-Bazel Rupelmonde ( KBR ) presenting the movie“ water in motion”

10:45 h Coffee break

11:00 h Presentations by:

- by Prof P. Meire: Ecological objectives KBR - Potpolder
- by Ms. Greet De Gueldre, Aquafin, WWTP's in Flanders

12:00 h Outside walk at Potpolder area, guided by Prof P. Meire

13:00 h Lunch at the yard

14:00 h Further presentations of the embankments for the Flood Control Area ( FCA) at the Kruikebeke yard by the following experts:

- Mr. Walter Mondt, Ecorem nv: EIA controlled overflow region along the Scheldt, in Kruikebeke-Bazel-Rupelmonde
- Mr. Dirk Poppe, DEC nv: Construction of the embankment protection system and the issue of sludge.

15:00 h Coffee break

Prof P. Meire, UA: Presentation with regard to the ecological objectives of the controlled reduced tide pilot project Lippenbroek.

15:30 h Transfer from Kruikebeke to Hamme Lippenbroek

16:00 h Guided Site visit Lippenbroek by Prof P. Meire, UA  
Subject: Ecological objectives and results of this pilot project

*\*16:40 h High tidal water at river Scheldt: water flows through the inlet sluice into the Lippenbroek Flood Control Area!*

*Does erosion or sedimentation occur?*

*Which type of vegetation arise and which species settle in?*

*How does the site influence the water quality?*

- 17:00 h Transfer by ferry boat from the left to the right bank of the river Scheldt
- 18:00 h Dinner hosted by Keramo Steunzeug nv at Eyckerhof, Hingene  
Including power point presentation by Keramo Steinzeug nv
- 20:30 h Transfer from Hingene to President hotel - **END of DAY 2**

### **Day 3: Wednesday, 21 March 2007**

- 08:45 h Check out President hotel and transfer to Flanders Hydraulics Research (FHR)
- 09:45 h Presentation of the activities of FHR related to flood protection  
Subject: Recent developments with regard to water shortage & Flood maps and real time forecasting on River Scheldt.( optional)
- 10:45 h Presentation: Data acquisition for flood monitoring: practical cases by Mr Frank De Boeck, Eurosense
- 11:00 h Q & A and start of guided site visit at Flanders Hydraulic Research centre including experience ship simulator
- 13:00 h Lunch at FHR
- 14:00 h Transfer from Antwerp to European quarter
- 14:30 h Meeting with Members of DG Environment at the European Commission:  
  
**Mr. Peter Gammeltoft, Head of delegation** Unit D.2 "Protection of Water & Marine environment" \* DG Environment \* European Commission  
  
**Ms. Maria Brättemark :** Unit D.2 "Protection of Water & Marine environment" \* DG Environment \* European Commission
- 17:00 h Transfer from the European quarter to Stockmansmolen, Zaventem
- 17:30 h Dinner, close to Zaventem airport

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18:30 h Transfer to Zaventem Airport

18:45 h Check in

20:40 h **Return to Bucharest with flight RO 374**

+00:05 h Arrival Bucharest