

5th SWITCH Scientific Conference 2010

“Sustainable Water management Improves Tomorrow’s Cities’ Health: achievements and way forward”

Framework Programme

12th October 2010

PM

15-17 Management Team Meeting

17-19 General Assembly Meeting

Day 1, 13th October 2010

AM

9-13

SESSION 1: Opening

This session will set the scene for the conference focusing on: what SWITCH has achieved, the main elements of the SWITCH approach and what its legacy may be. It will provide an opportunity to discuss perspectives on SWITCH achievements and implementation internationally (UN), in Europe (EC), and in Poland.

Facilitation: Maciej Zalewski, Carol Howe

Opening:

1. Welcome addresses by the hosts of Conference and introduction; *Maciej Zalewski (30')*:

- **Polish Minister of Science and Higher Education**, *Prof. Barbara Kudrycka*
- **Polish Minister of Environment**, *Prof. Adam Kraszewski*
- **Rector of the University of Lodz**, *Prof. Włodzimierz Nykiel*
University of Lodz, SWITCH Coordinator in Poland
- **President of Polish Academy of Science**, *Prof. Michał Kleiber*
PAS: SWITCH Partner in Poland
- **Mayor of the City of Lodz**, *Tomasz Sadzyski*
Lodz City Office, SWITCH Partner in Poland
- **European Commission, SWITCH Project Officer**, *Dr Panagiotis Balabanis*
- **International Hydrological Programme UNESCO**, *Dr Alberto Tejada-Guilbert*

2. Overview of activities carried out by SWITCH partners (15'); *Carol Howe*

3. Key-note Lecture: SWITCH – summary and state of art (20'); *Kala Vairavamoorthy*

4. Presentation: SWITCH from a city perspective – the Lodz Case (20'); *Lodz Learning Alliance*

	<p><u>Panel discussion and press conference (1 h):</u></p> <p>Ministry of Science, Ministry of Environmental Protection, Rector of the University of Lodz, President of PAS, City Mayor, representative of the EC (Panagiotis Balabanis), UNESCO-IHP (Alberto Tejada-Guibert), Polish National Fund for Environmental Protection and Water Management, IHE UNESCO Carol Howe, ERCE UNESCO Maciej Zalewski;</p> <p><u>Key Note Lecture (20'):</u></p> <p>Key-note Lecture: Incorporating social science aspects into ecological science and implementation (Long-Term Socio-Ecological Research) (15'); <i>Kinga Krauze</i></p>
13-14	<i>Lunch</i>
PM 14-18	<p><u>SESSION 2: SWITCH – Key products of the project</u></p> <p><i>This session will provide information about the key achievements of SWITCH, as well as it will show and discuss how the key SWITCH outputs can be used.</i></p> <p><i>Facilitation: Kala Vairavamoorthy</i></p> <p>Presentations of the Key deliverables of the Project (books, manuals, training package, City Water)</p>
20:00	<i>Conference dinner</i>

<p>AM 9-13</p>	<p><u>SESSION 3: SWITCH cities' stories: Linking research, demonstrations and stakeholder engagement</u></p> <p><i>This session will look back at what was achieved in SWITCH cities and how. In particular it will look at CHANGE (What has changed as a result of SWITCH), how STAKEHOLDER ENGAGEMENT (the learning alliance and all the related networking, documentation and communication activities) was an ingredient that contributed or catalysed those changes, and WHETHER AND HOW such stakeholder engagement should continue and be supported in SWITCH cities, and how the parts of the approach that worked well can be scaled-up to other cities and domains.</i></p> <p><i>Facilitation: John Butterworth</i></p> <p><u>Plenary:</u></p> <ol style="list-style-type: none"> 1. Overview presentation "Putting science in SWITCH to work for cities", <i>John Butterworth, IRC International Water and Sanitation Centre (20')</i> 2. Plenary presentation "SWITCHing from A to B: the SWITCH approach as a transition framework" <i>Alison Duffy, Abertay (20')</i> <p><u>Parallel group workshops (cities grouped around some common issues):</u></p> <table border="0" data-bbox="341 1070 1134 1279"> <thead> <tr> <th data-bbox="341 1070 523 1106">City group A</th> <th data-bbox="663 1070 842 1106">City group B</th> <th data-bbox="932 1070 1107 1106">City group C</th> </tr> </thead> <tbody> <tr> <td data-bbox="341 1131 453 1167">Tel Aviv</td> <td data-bbox="663 1131 735 1167">Lima</td> <td data-bbox="932 1131 995 1167">Lodz</td> </tr> <tr> <td data-bbox="341 1169 488 1205">Alexandria</td> <td data-bbox="663 1169 740 1205">Accra</td> <td data-bbox="932 1169 1134 1205">Belo Horizonte</td> </tr> <tr> <td data-bbox="341 1207 475 1243">Hamburg</td> <td data-bbox="663 1207 762 1243">Beijing</td> <td data-bbox="932 1207 1027 1243">Bogota</td> </tr> <tr> <td data-bbox="341 1245 517 1281">Birmingham</td> <td data-bbox="663 1245 791 1281">Zaragoza</td> <td data-bbox="932 1245 983 1281">Cali</td> </tr> </tbody> </table>	City group A	City group B	City group C	Tel Aviv	Lima	Lodz	Alexandria	Accra	Belo Horizonte	Hamburg	Beijing	Bogota	Birmingham	Zaragoza	Cali
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<p>14-14.20</p>	<p>Close of session 3: Feedback from the parallel sessions on Cities (20'); <i>John Butterworth</i></p>															
<p>14.20-17</p>	<p><u>SESSION 4: Scientific Achievements of SWITCH</u></p> <p><i>This session will highlight key scientific advances in thematic areas and focus on how scientific developments have had an impact on changing practice. It will focus on the outcomes resulting from the use of scientific outputs and will present evidence of policy or regulatory change, plans and funding for upscaling further demos, etc.</i></p> <p><i>Facilitation: Rae Mackay</i></p> <ol style="list-style-type: none"> 1. The background to achieving scientific breakthroughs in SWITCH (20'); <i>Alister Sutherland</i> 2. Natural Systems for Treatment SG (15'); <i>Avi Aaharoni</i> 3. Sustainable Urban Drainage (15'); <i>Mike Revitt</i> 4. Urban Planning and Stormwater Management (15'); <i>Heiko Sieker</i> 5. Decentralized Wastewater Decentralized Wastewater Systems (15'); 															

	<p><i>Adriaan Mels/René van Veenhuizen</i></p> <p>6. Institutional Systems and Financial Instruments (15'); <i>Meine Pieter van Dijk</i></p> <p>7. Discussion (20');</p>
17-18	<p><u>SESSION 5: The way forward - SWITCH spin-offs</u></p> <p><i>This session will focus on post-SWITCH activities in development, such as SWITCH-in-Asia, commercialisation of CityWater, ICLEI promotion and use of training toolkit, FP7 proposals, individual city activities, Zaragoza conference, Paris conference etc.</i></p> <p>This will be an open Space Workshop</p>
18-19	Scientific Committee Meeting

<p>AM 9-13</p>	<p><u>SESSION 6: Subject Groups – Scientific working meetings</u></p> <p><i>The parallel sessions will run in two parts: THE FIRST PART of each session (9.00-11.00) will provide a flexible space for presentations and discussions within the subject groups. THE SECOND PART of each session (11.00-13.00) will focus on reflection within these subject groups (guided by a facilitator). Discussion will cover key outcomes, how work was integrated, what needs to be highlighted in SWITCH key deliverables, what difference has been made in SWITCH cities, and what could have been done differently?</i></p> <p><u>Parallel sessions:</u></p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: center;"><u>Session 6A</u></th> <th style="text-align: center;"><u>Session 6B</u></th> <th style="text-align: center;"><u>Session 6C</u></th> <th style="text-align: center;"><u>Session 6D</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Natural Systems for Treatment</td> <td style="text-align: center;">Sustainable Urban Drainage” and “Urban Planning and Stormwater Management</td> <td style="text-align: center;">Decentralized Wastewater Systems</td> <td style="text-align: center;">Institutional Systems and Financial Instruments</td> </tr> <tr> <td style="text-align: center;"><i>Avi Aaharoni</i></td> <td style="text-align: center;"><i>Mike Revitt</i></td> <td style="text-align: center;"><i>Adriaan Mels/René van Veenhuizen</i></td> <td style="text-align: center;"><i>Meine Pieter van Dijk</i></td> </tr> </tbody> </table>	<u>Session 6A</u>	<u>Session 6B</u>	<u>Session 6C</u>	<u>Session 6D</u>	Natural Systems for Treatment	Sustainable Urban Drainage” and “Urban Planning and Stormwater Management	Decentralized Wastewater Systems	Institutional Systems and Financial Instruments	<i>Avi Aaharoni</i>	<i>Mike Revitt</i>	<i>Adriaan Mels/René van Veenhuizen</i>	<i>Meine Pieter van Dijk</i>
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<p>AM 9-13</p>	<p><u>SESSION 7: Results of Strategic Planning processes</u></p> <p><i>One of the SWITCH objectives was to develop new strategies for urban water management in the demonstration cities. The intended result was a Strategic Directions Document or a full-fledged Strategic Plan for integrated urban water management. During this session the outcome of these process in Alexandria, Accra, Cali, Lodz and Tel Aviv will be presented and discussed.</i></p> <ol style="list-style-type: none"> 1. Results of the Strategic Planning process in Alexandria (15’) 2. Results of the Strategic Planning process in Accra (15’) 3. Results of the Strategic Planning process in Cali (15’) 4. Towards elaboration of the Strategic Document. Advance on Strategic Planning in Lodz; (15’), <i>Monika Dziegielewska-Geitz, Iwona Wagner</i> 5. Results of the Strategic Planning process in Tel Aviv (15’) 												
<p>13-14</p>	<p><i>Lunch</i></p>												
<p>14-18</p>	<p><u>SESSION 8: SWITCH - the way forward</u></p> <p><i>This final session will bring together the overall highlights of the SWITCH project with a focus on the cross-cutting and integration issues within the project. These discussions will lead to the formulation of draft conclusions and recommendations of the switch final report.</i></p> <p><i>Facilitation: Carol Howe</i></p> <ol style="list-style-type: none"> 1. Summary of the SG meetings; 2. Workshop – towards the final report and ahead 3. Closing of the Conference; <i>Maciej Zalewski, Iwona Wagner</i> 												
<p>20:00</p>	<p><i>Polish dinner</i></p>												

Day 4, 16th October 2010

9-12	<p>Technical Trip – part 1:</p> <p>Energetic willow plantation at the WWTP: Sewage system management for environment quality and positive socio-economic feedbacks; <i>Agata Drobniewska</i></p> <p><i>The trip will include visits to:</i></p> <ul style="list-style-type: none">- <i>The Lodz Waste Water Treatment Plant. During the visit the participants will see a film about the WWTP, visit the facility and meet the WWTP employees-members of the Lodz Learning Alliance;</i>- <i>The energetic willow plantation in the Protection Zone of the WWTP. The plantation provides space for meso-scale experiments on conversion of sewage sludge into biomass and bioenergy. During the visit the participants will meet students and PhD students working on the plantation.</i>
12-13	<p>Lunch</p>
13-16	<p>Technical trip – part 2:</p> <p>Sokolowka River: Restoration of a municipal river for stormwater management, increase of water retentiveness and improvement of quality of life; <i>Wojciech Fratczak</i></p> <p><i>The trip will include visiting the following sites:</i></p> <ul style="list-style-type: none">- <i>Zabieniec reservoir (in the final stage of the construction) – application of ecohydrology for enhancement of the absorbing capacity of ecosystem against stormwater pollution;</i>- <i>Multi-Chamber Sedimentation Biofiltration System (MCBS) – an ecohydrology based solution patented within the SWITCH project (under construction);</i>- <i>River rehabilitation project - the river planned for rehabilitation (the technical project of the rehabilitation has been developed within the SWITCH project);</i>- <i>Teresa reservoir – the first reservoir constructed in Lodz within the SWITCH project – application of ecohydrology and phytotechnology for stormwater retention and purification.</i> <p><i>The participants will meet researchers and LA members (City of Lodz office), responsible for the rehabilitation project.</i></p>

POSTER SESSIONS

14th – 15th October 2010, 14:00 – 17:00

Implementation for Sustainable Cities of the Future

- *Presentation of all the implementation activities (demonstration projects, infrastructure, legislation, others)*

Young SWITCH

- *Presentations of research conducted by MSc and PhD students; there will be an hour session allocated to the competition for the best poster.*

SIDE EVENTS

11-12th October 2010

Side Event: City Water Workshop

More information:

Rae Mackay (r.mackay@bham.ac.uk),

Marc Soutter (marc.soutter@epfl.ch),

Malgorzata Stolarska (m.stolarska@erce.unesco.lodz.pl)

14th October 2010, 14:00 – 17:00

Geobotanical and zoological valorization and delimitation of natural habitats in Lodz as a requirement for functional and spatial sustainable development. Summary of the City's Mayor Grants "Science for Lodz"

More information:

Malgorzata Stolarska (m.stolarska@erce.unesco.lodz.pl)