

- *Mr Rob Verheem*, Director International, MER/CEI  
*The potential for Strategic Environmental Assessment (SEA) in all three dimensions discussed (urban, regional, national) and its relevance for climate change adaptation.*
- *Mr Viet Hoang*, Country Director, WWF Vietnam  
*Environmental challenges to be addressed.*

#### • Wrap-up and close

## Guidance on water-related adaptation

RE 5.1

Thursday 30 September 2010  
13.00–17.00 hrs

*Leeuwen Room I*

#### Convenors:

Co-operative Programme on Water and Climate (CPWC) in cooperation with Directorate-General for International Cooperation (DGIS), the Netherlands and the Directorate-General Water (DGW), the Netherlands

The United Nations Framework Convention on Climate Change (UNFCCC) acknowledges capacity development as a critical factor for adaptation. This call for capacity development is followed up by many initiatives such as the development of Guidances. Examples of such Guidances are:

- 1 the United Nations Economic Commission for Europe's (UNECE) 'Guidance on Water and Adaptation to Climate Change'
- 2 the Organisation for Economic Co-operation and Development's (OECD) Policy Guidance 'Integrated Climate Change Adaptation into Development Co-operation'.

The Guidance documents are aimed for operational use at international, national and local levels.

#### 13.00–14.45 hrs: The UNECE Guidance on Water and Adaptation to Climate Change

#### Chair:

*Mr Joost Buntsma*, Ministry of Transport, Public Works and Water Management, the Netherlands

At its fifth meeting in November 2009, the UNECE Meeting of the Parties adopted the 'Guidance on Water and Adaptation to Climate Change'. Presently UNECE applies the Guidance in several pilots in the UNECE region. The session will discuss and recommend how to further the use of the UNECE Guidance within the UNECE region and beyond.

- **Upstream and downstream benefits of cooperation**  
*Mr Fritz Holzwarth*, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), Germany

#### • Upstream and downstream cooperation in the Scheldt River Basin

*Mr Frank van Sevenscoten*, The Flemish Environment Agency (VMM), Belgium (tbc)

#### • The UNECE Guidance on Water and Adaptation to Climate Change

*Ms Francesca Bernardini*, UNECE, Switzerland

#### • Developing joint adaptation strategies – testing the Guidance on Water and Adaptation to Climate Change

*Mr Dejan Komatina*, International Sava River Basin Commission, Croatia

#### • Responses from the urban perspective

*Mr Nguyen Van Nga*, Ho Chi Minh City, Vietnam

#### • Reflecting on the UNECE Guidance on the basis of experiences in the Rhine Basin

*Mr Eric van Slobbe*, Ministry of Transport, Public Works and Water Management, the Netherlands

#### • Dialogue with the audience

#### • Conclusions about the relevance of the UNECE Guidance for local application and its recommendations for further use

#### 15.15–17.00 hrs: The OECD Policy Guidance and the intended sectoral Guidance on water-related adaptation

#### Chair:

*Mr Aart van der Horst* (tbc)

The OECD Development Assistance Committee and the Environment Policy Committee adopted the Policy Guidance 'Integrated Climate Change Adaptation into Development Co-operation' in May 2009. The OECD has called for the consideration of specific sectoral Guidances, the first of which is a Guidance on Water. The session aims at drawing perspectives and views on the main elements of this Guidance that have not been addressed in other Guidances. Aimed at the developers of the OECD Guidance, the session will promote a good understanding of the scope of the Guidance in terms of the issues to be addressed and the operational requirements at practical level. This will be extended to

developing strategies for each of the countries involved in identifying both potential cooperation and effective good practices.

#### • Inventory of methods and tools for supporting the development and implementation of adaptation plans addressing climate change impacts on water management

*Mr Fulco Ludwig*, Wageningen University and Research Centre, Wageningen, the Netherlands

#### • Reflections on adaptation to climate change in the context of IWRM

*Mr Maarten Hofstra*, UNESCO-IHE Institute for Water Education, Delft, the Netherlands

#### • Reflections and reactions on the relevance of guidance tools for country level application

by representatives from Indonesia, Bangladesh, Mozambique, Egypt and Vietnam

#### • Suggestions for key elements in Guidance on Water and Climate

*Mr Henk van Schaik*, Co-operative Programme on Water and Climate (CPWC)

*Mr Peter Droogers*, FutureWater, the Netherlands

#### • Responses from the urban perspective

*Mr Nguyen Van Nga*, Ho Chi Minh City, Vietnam

#### • Conclusions by the chair

#### • Discussion

## Round-table on financing adaptation

RT 1

Friday 1 October 2010  
10.00–11.15 hrs

*Diamond Room I/II*

#### Moderator:

*Mr Ger Bergkamp*, Director-General, World Water Council, France

The partnerships Connecting Delta Cities and the Delta Alliance will address issues of mutual concern, one of them being financing. A high-level round-table will address financing outlooks under the United Nations Framework Convention on Climate Change (UNFCCC), needs and availability of finance, modalities for financing adaptation programmes and projects, assessment criteria of financiers for adaptation, and demand for finance at municipal, national and private sector levels.

The round-table will bring together a global dialogue with the intention to build on the outcomes of the World Water Week in Stockholm (5–11 September 2010) and contribute to the COP-16 (December 2010, Cancún, Mexico) and the 6th World Water Forum (March 2012, Marseille, France).

#### • The World Bank study 'The Economics of Adaptation to Climate Change'

*Mr Gordon Hughes*, World Bank study team

#### • How will the required funds be generated and what is the envisioned architecture of the Adaptation Fund?

*Ms Ana Fornells de Frutos*, Chairperson of the Ethics and Finance Committee of the Adaptation Fund Board

#### • Responses on adaptation financing requirements and modalities by financiers

*Ms Monica Scatasta*, European Investment Bank  
*Mr Murray Starkel*, NGP Global Adaptation Partners

#### • The implications of the World Bank study for recipients

*Mr David Miller*, Mayor of Toronto, Canada, Chair of C-40

#### • Outlook and progress for the UNFCCC COP-16 on adaptation

*Ms Julia Bucknall*, World Bank  
*Ms Estrellita Fuentes*, Comisión Nacional del Agua (CONAGUA), Mexico  
*Ms Karin Lexén*, SIWI, Sweden

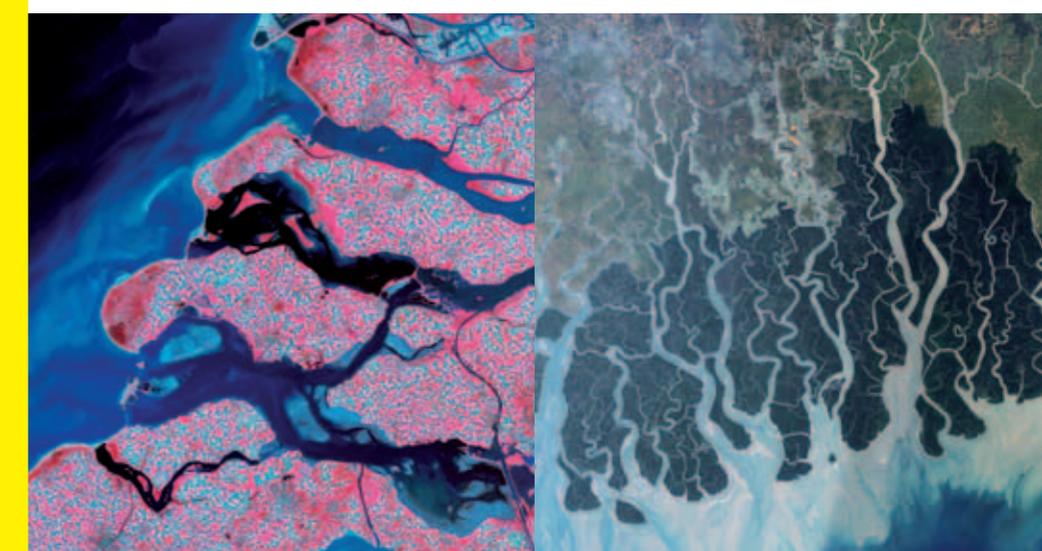
#### • Dialogue

#### • Conclusions by the moderator

## Sessions convened by CPWC



LATEST UPDATE



## Emerging new modalities for financing

FE 1.1

**Wednesday 29 September 2010** 14.00–15.45 hrs  
*Leeuwen Room I*

### Chair:

*Mr Hugo von Meijenfeldt*, Ministry of Housing, Spatial Planning and the Environment (VROM), the Netherlands

During the COP-15, the developed countries committed to collectively provide new and additional resources through international institutions approaching USD 30 billion for the period 2010–2012 with balanced allocation between adaptation and mitigation. Developed countries committed to a goal of mobilizing USD 100 billion annually by 2020 to address the needs of developing countries. This funding will come from a variety of sources: public and private, bilateral and multilateral, including alternative sources of finance. New multilateral funding for adaptation will be delivered through effective and efficient fund arrangements.

Financing should not, however, be seen as simply money. Rather, financing is a strategic function to pursue long-term visions and targets for the efficient sustainable development of countries, whether presently rich or less so.

The session will start with a keynote address on the function and the various modalities of financing for adaptation to (climate) change and sustainability. Following the address there will be short presentations on emerging financing modalities for the agriculture and food sectors at national level, and cities.

### Keynote address:

The function and the various modalities of financing for adaptation to (climate) change and sustainability

#### • Investing in adaptation to climate change: a strategic perspective

*Ms Monica Scatasta*, European Investment Bank, and *Julia Bucknall*, World Bank

#### • The Dutch adaptation planning approach

*Mr Pieter Bloemen*, Delta Commission, the Netherlands

#### • Investing in food production under climate change

*Mr Daan Dijk*, Rabobank, the Netherlands

#### • Bangladesh Multi Donor Trust Fund and the National Adaptation Fund

*Mr Ainun Nishat*, International Union for Conservation of Nature (IUCN), Bangladesh (tbc)

#### • Emerging modalities for financing adaptation in the Mekong

*Mr Le Duc Trung*, Vietnam

#### • Perspective from the C-40

*Mr Simon Reddy*, C-40

#### • Moderated discussions with the floor

#### • Conclusions by the chair

## Dealing with uncertainties in planning – From concepts to tools and the needs for capacity-building

GV 3.1

**Wednesday 29 September 2010** 14.00–15.45 hrs  
*Leeuwen Room II*

### Convenor:

Co-operative Programme on Water and Climate (CPWC)

### Chairs:

*Ms Karin Roelofs*, Directorate-General for International Cooperation (DGIS), Ministry of Foreign Affairs, the Netherlands

*Mr Joost Buntsma*, Directorate-General Water (DGW), Ministry of Transport, Public Works and Water Management, the Netherlands

Climate change adds to population growth and economic development as a significant driver of impact to water, land and energy management and operations. Each of these drivers carries a measure of uncertainty. Dealing with these uncertainties in a robust and responsible manner requires open and transparent planning and decision-making processes, both top-down (information driven) and bottom-up (socio-economic acceptability).

#### • Conceptual insights on overcoming uncertainties

*Mr Jeroen van der Sluijs*, Copernicus Institute, Univeristy of Utrecht, the Netherlands

#### • Towards a comparative assessment for a climate proof delta, Netherlands

*Mr Aalt Leusink*, Loasys, the Netherlands

*Mr Paul Opdam*, Wageningen University and Research Centre, the Netherlands

Relevant supporting information and tools for planning and decision-making under uncertainty:

#### 1 Space-based information for water management under climate change and the Global Framework for Climate Services

*Ms Janette Bessembinder*, Royal Netherlands Meteorological Institute (KNMI), the Netherlands

#### 2 How SEA can assist societal decision-making

*Mr Rob Verheem*, Netherlands Commission for Environmental Assessment, the Netherlands

#### 3 Guidance to transboundary climate adaptation

*Ms Francesca Bernardini*, United Nations Economic Commission for Europe (UNECE), Switzerland

#### 4 Ecosystem-based guidance on adaptation planning and decision-making

*Mr Pieter van Eijk*, Wetlands International, the Netherlands

#### • Response on the relevance of the presentations by Mr. Mohamed Bayoumi, UNDP, Egypt

- What are the requirements and availability of tools and information in the country?
- What are the needs for capacity-building in the countries?

## Methodologies for costs and effects of adaptation options at global, national and local levels

FE 1.2

**Wednesday 29 September 2010** 16.15–18.00 hrs  
*Leeuwen Room 1*

### Convenors:

Netherlands Environmental Assessment Agency (PBL), the Netherlands, and Wageningen University and Research Centre, the Netherlands, in cooperation with the Co-operative Programme on Water and Climate (CPWC), the Netherlands

### Chair:

*Mr Willem Ligvoet*, Netherlands Environmental Assessment Agency (PBL), the Netherlands

It is increasingly recognized that adaptation to climate change has become unavoidable. Societies, organizations and individuals have been adapting to changing conditions for centuries, but the advent of climate change brings new challenges. But how do you decide what to do and when, and how do you value

costs and effects in the short and long run? These issues will be addressed in three presentations.

Representatives from Vietnam, Indonesia, Egypt, Bangladesh and Mozambique and research institutes such as the Institute for Environmental Studies (IVM, the Netherlands) will be invited to respond after each presentation and participate in the subsequent general discussion.

#### • Global assessment of the costs and effects of adaptation on different scales

*Ms Marloes Bakker*, Netherlands Environmental Assessment Agency (PBL), the Netherlands  
*The Netherlands Environmental Assessment Agency (PBL) is conducting a worldwide study on adaptive capacity, focused on developing countries. The research will be an elaboration of adaptation options and their costs and benefits, linked to the typology of adaptation challenges in deltas, drylands, mountains and river basins.*

#### • National level climate proofing methodologies for spatial planning in practise

*Mr Leendert van Bree*, Netherlands Environmental Assessment Agency (PBL), the Netherlands  
*The Netherlands Environmental Assessment Agency (PBL) recently finished a scoping study on how to 'climate proof' spatial planning in the Netherlands. The major message was that spatial planning decisions have a long lag time, and will influence many generations to come. It is therefore wise to think about how climate change adaptation strategies can be integrated into ongoing and future processes. Currently, PBL is working on a follow-up of this scoping study, and developing concrete spatial planning strategies for the Dutch Government.*

#### • Climate proofing for water services for the city of Khulna in Bangladesh

*Mr Pavel Kabat*, Wageningen University and Research Centre, the Netherlands  
*A cost-benefit assessment for water supply and drainage development plans for Khulna, Bangladesh was carried out for the Bangladesh Government and the Asian Development Bank to advise on 'climate proofing' major extensions for the Khulna water supply and the urban drainage systems.*

#### • Conclusions by the chair

#### • Discussion

## Workshop on Vietnam delta DS 6

**Thursday 30 September 2010** 9:30–12:00 hrs  
*Diamond Room I*

With two significant deltas, Vietnam is amongst the most vulnerable countries when it comes to the impacts of climate change, especially for its hydrology, aqua- and agriculture, and environment. However, it is also privileged with a responsive scientific and governmental community that addresses these challenges head on. International cooperation is a corner stone in the Government's policy, as is the focus on swift implementation of adaptive measures at the provincial and municipal levels. The session will present Vietnam's active response to climate change impacts, its goal to exploit its opportunities and the international relevance of Vietnam's experiences.

The strategic cooperation with the Netherlands will get special attention as it indicates national commitment and international recognition of the importance of cooperation, and provides directions for solutions when it comes to tackling climate-related challenges. Both the development of the Water Mondiaal programme and the Delta Alliance will be briefly introduced.

The session covers governmental, scientific and network aspects of delta adaptation to climate change at the municipal, regional and national levels with international reflections on Vietnamese experiences.

### Facilitator:

*Mr Raimond Hafkenscheid*, Co-operative Programme on Water and Climate (CPWC)

#### 9.30–10.00 hrs

##### • Vietnam in times of climate change

*Mr Tran Truc*, Director of the Vietnam Institute of Meteorology, Hydrology and Environment (IMHEN), representing Vice Minster Nguyen Thai Lai, Ministry of Environment and Natural Resources, Vietnam (tbc)  
*Keynote address on the overall climate, water and environmental challenges for Vietnam and its deltas.*

### Discussion

#### 10.00–11.30

##### • Focus Mekong

Three presentations and interactive discussions on the rural, urban and transboundary aspects of climate change in the delta. Responses from other delta countries present will be conceded and actively addressed:

#### • Integrated Water Resources Planning in the Mekong Delta for Climate Changes and Sea-Level Rise Adaptation

*Mr. Nguyen Ngoc Anh*, Director of Southern Institute for Water Resources Planning.  
*The speaker will focus on the climate- and water-related challenges in the Mekong Delta, with special reference to the rural and agricultural aspects.*

### Discussion

#### • Ho Chi Minh City: towards sustainable development of an ambitious city

*Mr Paul Rabe*, Pacific Rim Urban Development Council (tbc)  
*The speaker will focus on the specific challenges of HCMC concerning flood prevention and urban adaptation as addressed by the 2010 PRUDC Forum. The presentation will also encompass experiences elsewhere around the Pacific Rim.*

### Discussion

### Coffee Break

#### 11.30–12.00 hrs

#### • Adaptation panel: discussion on the ways forward when dealing with deltas and delta cities in a changing world and climate

An interactive panel discussion with key international experts will reflect on the presentations and the international relevance of the Vietnamese experiences. The panellists will aim to identify lessons learned and focus on the potential of international cooperation.

### Participants:

- *Mr Simon Reddy*, director, C40 (Clinton Initiative)  
*The relevance and potential of adaptation in the urban environment and the importance of international cooperation from the perspective of the C40.*
- *Ms Francesca Bernardini*, Secretary of the UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes  
*The importance of trans-boundary coordination to address adaptation as presented in the UNECE guidance.*
- *Mr Nguyen Thai Lai*, vice-minister, Ministry of Environment and Natural Resources, Socialist Republic of Vietnam