



WATER FOR LIFE
2005-2015

International Water Policy: MDG, GWP, IHP

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Course: Integrated Water Resources Management
Module: Ecology & Water Resources

WATENV International Master Programme

Lecture:

- 1 United Nations Millennium Development Goals (MDG)
- 2 Global Water Partnership (GWP)
- 3 German IHP/HWRP

1 The United Nations Millennium Development Goals (MDG)

UN Millennium Summit Sept 2000



Eight MDG

- Goal 1: Eradicate extreme poverty and hunger
- Goal 2: Achieve universal primary education
- Goal 3: Promote gender equality and empower women
- Goal 4: Reduce child mortality
- Goal 5: Improve maternal health
- Goal 6: Combat HIV/AIDS, malaria and other diseases
- Goal 7: Ensure environmental sustainability
- Goal 8: Develop a global partnership for development

MDG and Water (1)

- **Goal 1: Eradicate extreme poverty and hunger**
 - Target 1: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day
 - Target 2: Halve, between 1990 and 2015, the proportion of people who suffer from hunger
- Water is the single most important factor of production in agriculture and vital in the industry
- Investment in water infrastructure/services is a catalyst for local/regional development
- Reduced vulnerability to water related hazards reduces risks in investments and production

MDG and Water (2)

- **Goal 2: Achieve Universal Primary Education**
 - Higher development and welfare through education
- **Goal 3: Promote Gender Equality and Empower Women**
 - Reducing the burden of getting water improves the situation of women
- **Goal 4: Reduce child mortality**
- **Goal 5: Improve Maternal Health**
 - Water plays a significant role

MDG and Water (3)

- **Goal 7: Ensure environmental sustainability**
 - Target 9: Integrate the principles of sustainable development into country policies and programmes and reverse the loss of environmental resources
 - Target 10: Halve, by 2015, the proportion of people without sustainable access to safe drinking water and basic sanitation
 - Target 11: By 2020, to have achieved a significant improvement in the lives of at least 100 million slum dwellers
- Refers to safe drinking water
- Environmental sustainability also depends of controlling the Climate Change >>Hydropower is a renewable energy and reduces GHG emissions

MDG and Water (4)

- **Goal 8: Develop a global partnership for development**
 - Target 13: Address the special needs of the least developed countries
- For some countries the development of their hydropower potential will serve the local economy and be an important source of foreign currency income
- All other examples, like safe drinking water, reduction of water related hazards apply for the least developed countries even more

2 Global Water Partnership (GWP)



GWP regions

GWP History and Activities

- GWP was founded in 1996 to foster integrated water resources management (IWRM) – founders:
 - The World Bank
 - United Nations Development Programme, UNDP
 - Swedish International Development Cooperation Agency
- Initially GWP's activities focused on developing the conceptual framework of IWRM based on the Dublin Principles, and establishing regional Technical Advisory Committees as start engines for awareness-raising on IWRM in the regions.
- Financing: Denmark, Germany, Great Britain, Canada, Netherlands, Norway, Sweden, Switzerland, Spain and EU and Inter-American Development Bank.

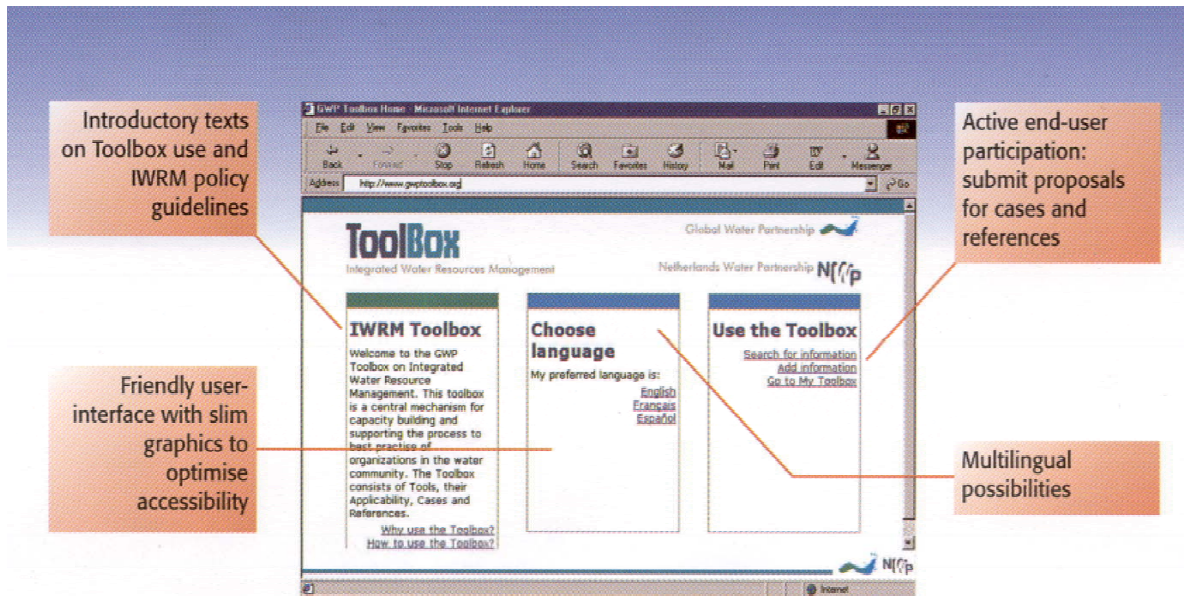
GWP Structure

- Consulting partners = members (countries, institutions) meet once a year
- Steering Committee = directorate meet 2x annually
- Office in Stockholm: small and efficient (low administration costs)
- Country and regional partnerships
- GWP Technical Committee: think tank, up to 12 internationally recognised professionals
- Advisory Centers (using existing external knowledge):
 - HR Wallingford (UK)
 - DHI (Denmark)
 - IWMI (International Water Management Institute) by the Consultative Group on International Agricultural Research (CGIAR).

15 GWP Background Papers (as of 2011, free as pdf)

1. Regulation and Private Participation in the water and sanitation sector
2. Water as a Social and Economic Good: How to put the principle into practice
3. The Dublin Principles for Water as reflected in a Comparative Assessment of Institutional and Legal Arrangements for IWRM
4. Integrated Water Resources Management
5. Letter to my Minister
6. Risk and Integrated Water Management
7. Effective Water Governance
8. Poverty reduction and IWRM
9. Water Management and Eco Systems: Living with Change
10. IWRM and Water Efficiency Plans by 2005: Why, What and How?
11. Urban Water and Sanitation Services; An IWRM Approach
12. Water Financing and Governance
13. Managing the other side of the water cycle: Making wastewater an asset
14. Water Management, Water Security and Climate Change Adaptation: Early Impacts and Essential Responses
15. Social Equity and Integrated Water Resources Management

GWP IWRM Toolbox



Interactive tool for practical work in IWRM projects

www.gwptoolbox.org (free access)

3 IHP/HWRP

As a member of the specialised agencies of the United Nations, UNESCO and WMO, Germany is committed to contributing actively to their programmes. For the topic of water these are the **I**nternational **H**ydrological **P**rogramme (IHP) of UNESCO and the **H**ydrology and **W**ater **R**esources **P**rogramme (HWRP) of WMO

The German IHP/HWRP National Committee



FRIEND

- **Flow Regimes from International Experimental and Network Data**

International Research Programme:
Its objective is to study the spatial and temporal variability of hydrological regimes on a European scale and in other regions outside Europe.



HELP

- *Hydrology for **E**nvironment, **L**ife and **P**olicy*

Joint initiative of UNESCO and WMO,
aims to create a new approach to integrated management of large
catchments

Framework for the cooperation of water law and policy experts, water
resource managers and scientists



Thank you for your attention!

International Water Policies

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Acknowledgements: Dr. Hartmut Brühl, GWP

