



Capacity Development in the Safe use of Wastewater in Agriculture

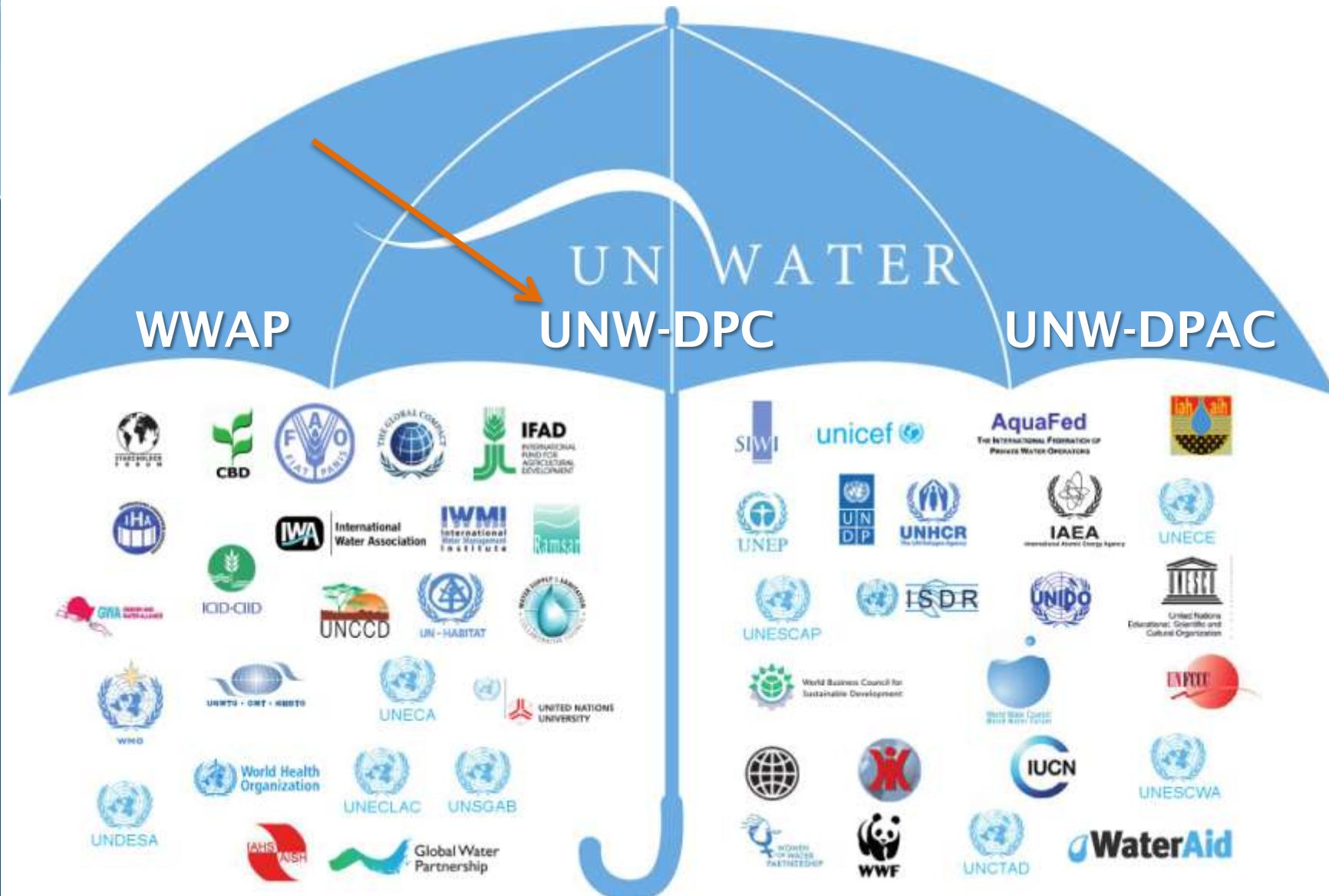
- *basic concepts of capacity development*
- *presentation of the project agenda/roadmap*
- *structure of the kick-off workshop*

Dr. Jens Liebe

International Kick-off Workshop on Safe use of Wastewater in Agriculture

14 November 2011

UN-Campus Bonn, Germany



UN-Water Members

UN-Water Partners

UNW-DPC's Mission

UNW-DPC

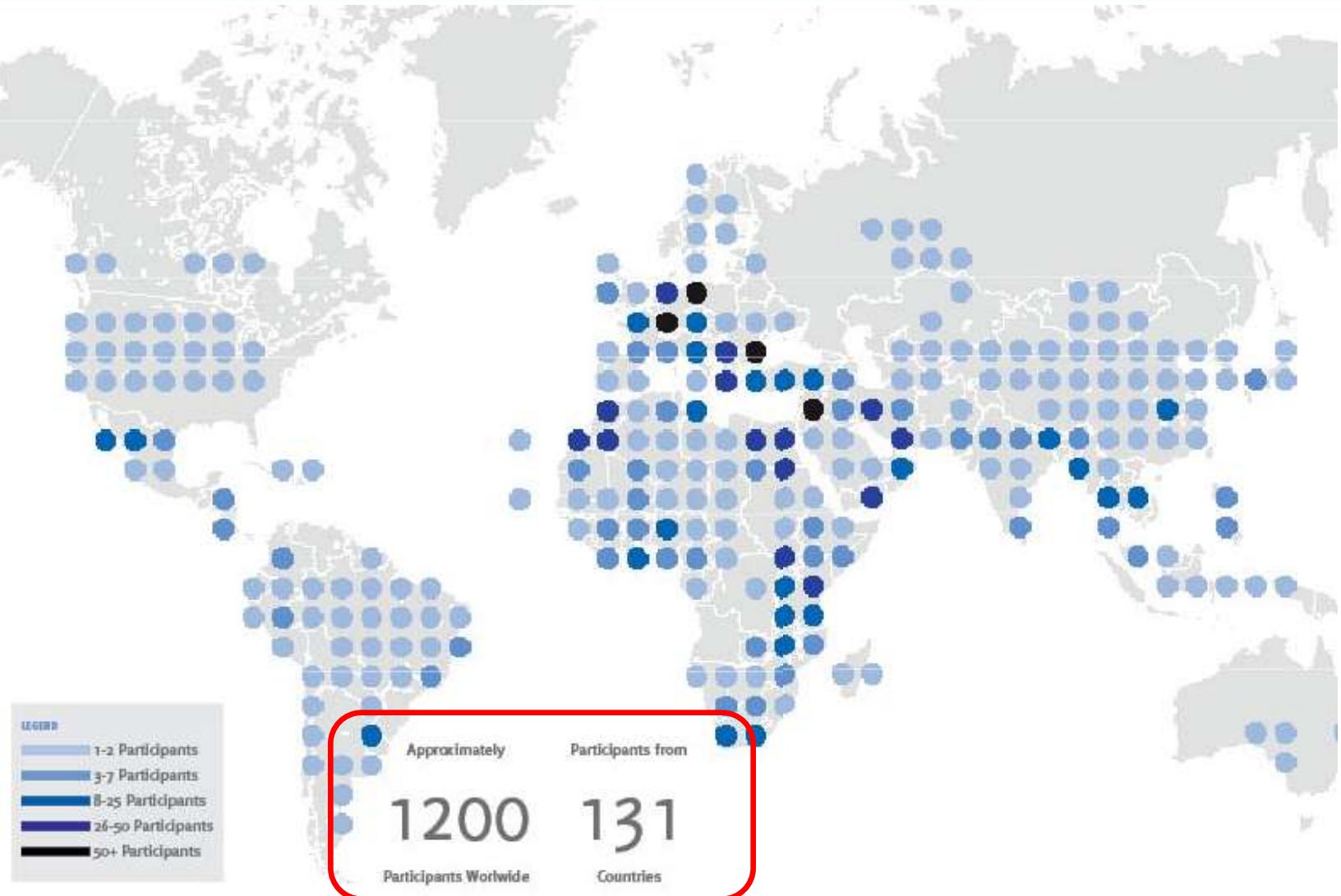
*“to enhance the coherence,
credibility and
integrated effectiveness
of UN-Water*

*by strengthening its capacity development programmes,
particularly in developing countries and economies in transition.”*



UNW-DPC Capacity Development Effort

UNW-DPC



UNW-DPC Areas of Activity

all areas of priority to UN-Water:

Transboundary Waters

Health, Sanitation &
Drinking Water

Climate Change &
Disaster Risk Management

Gender and Water

Water Scarcity

Capacity Development

Integrated Water Resource
Management

Africa: A region
for priority action

UNW-DPC Strategy: *long-term Capacity Development Concept*



UNW-DPC follows a long term capacity development concept to support UN-Water

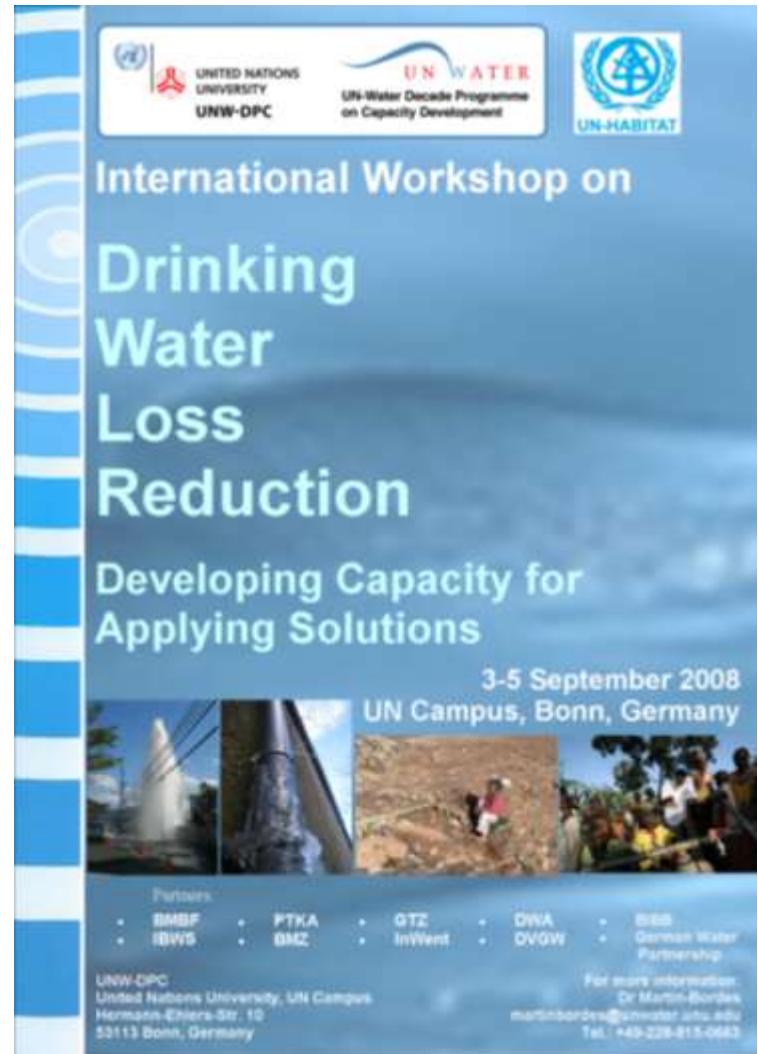
From single to 'embedded' activities using multilateral thematic, conceptual and collaborative workshops



Example: UNW-DPC support sequence on Drinking Water Loss Reduction

1. International workshop

- Raise awareness
- Determine level of stakeholder interest
- Identify stakeholders' experience, assess key issues and action-oriented tasks
- Publish report as baseline for regional meetings



2. Series of Regional Drinking Water Loss Reduction Workshops, together with UN-Habitat and local partners

Proceedings of the
1st Regional Workshop on
**Water Loss Reduction in
Water & Sanitation Utilities**
Latin American Countries

2-4 November 2009 Leon, Mexico

Editor: José Luis Martín-Bordes

Proceedings No. 3
UNW-DPC Publication Series



Proceedings of the
2nd Regional Workshop on
**Water Loss Reduction in
Water & Sanitation Utilities**
South East European Countries

16-18 November 2009, Sofia, Bulgaria

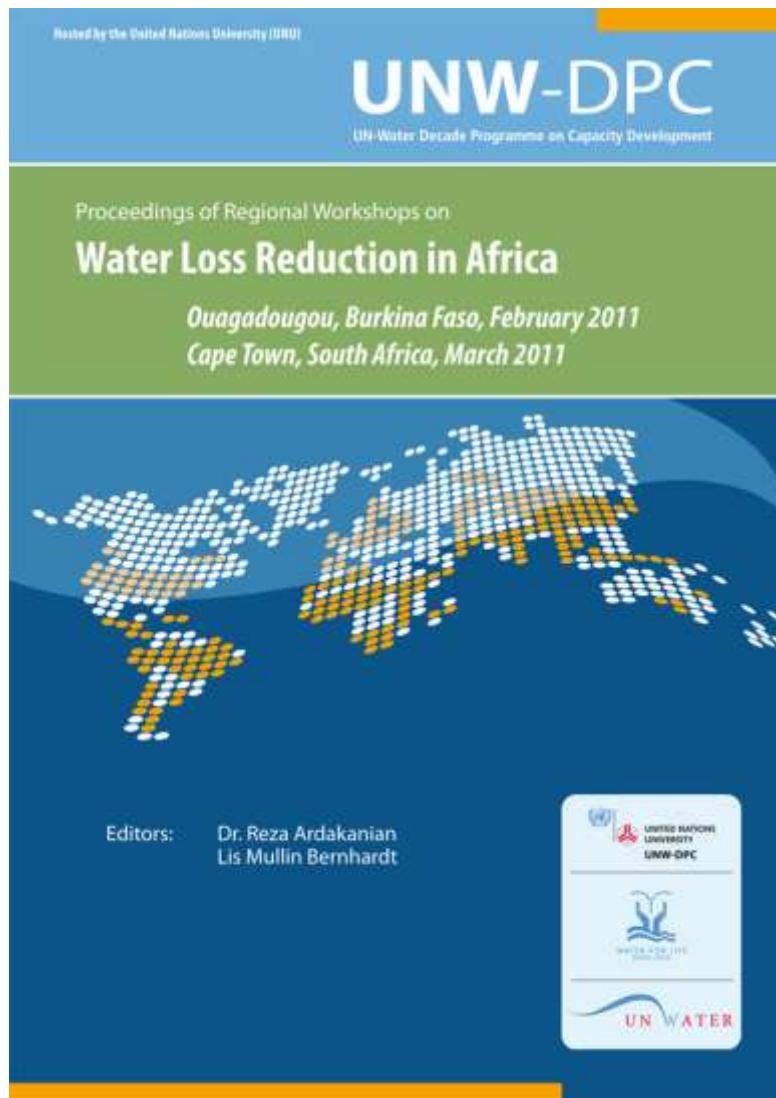
Proceedings of the
3rd Regional Activity on
**Non-Revenue Water Management:
Solutions for Drinking Water Loss Reduction**
Arab Countries

3rd ACWUA Best Practices Conference
20-21 January 2010, Rabat, Morocco

*Co-editors: Reza Ardakanian
José Luis Martín-Bordes*

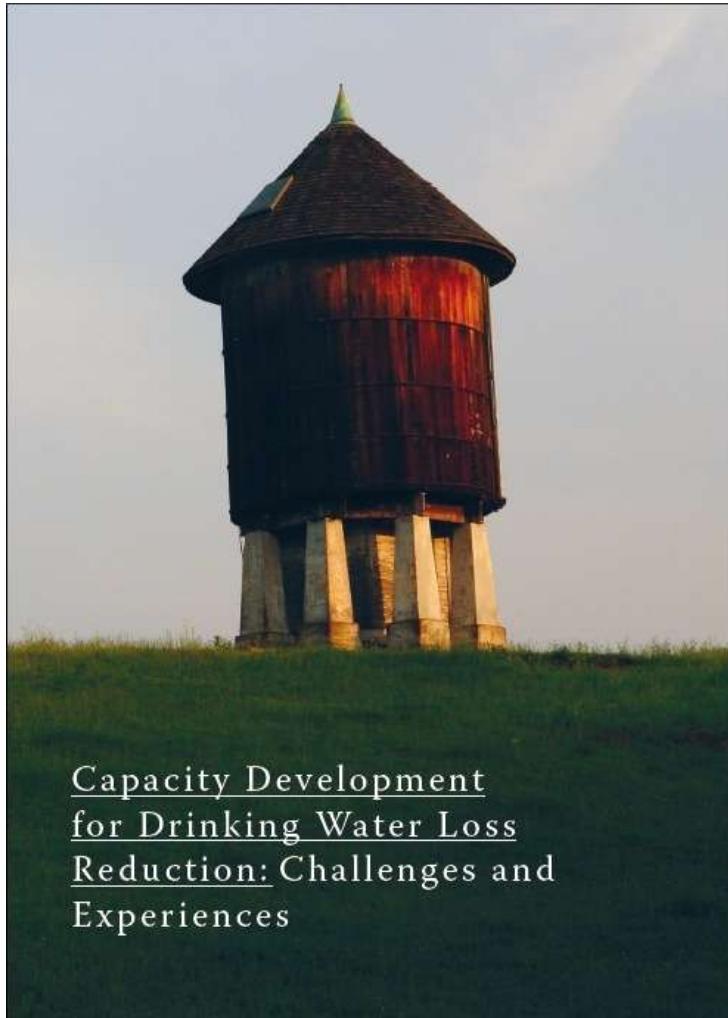


3. Further awareness raising

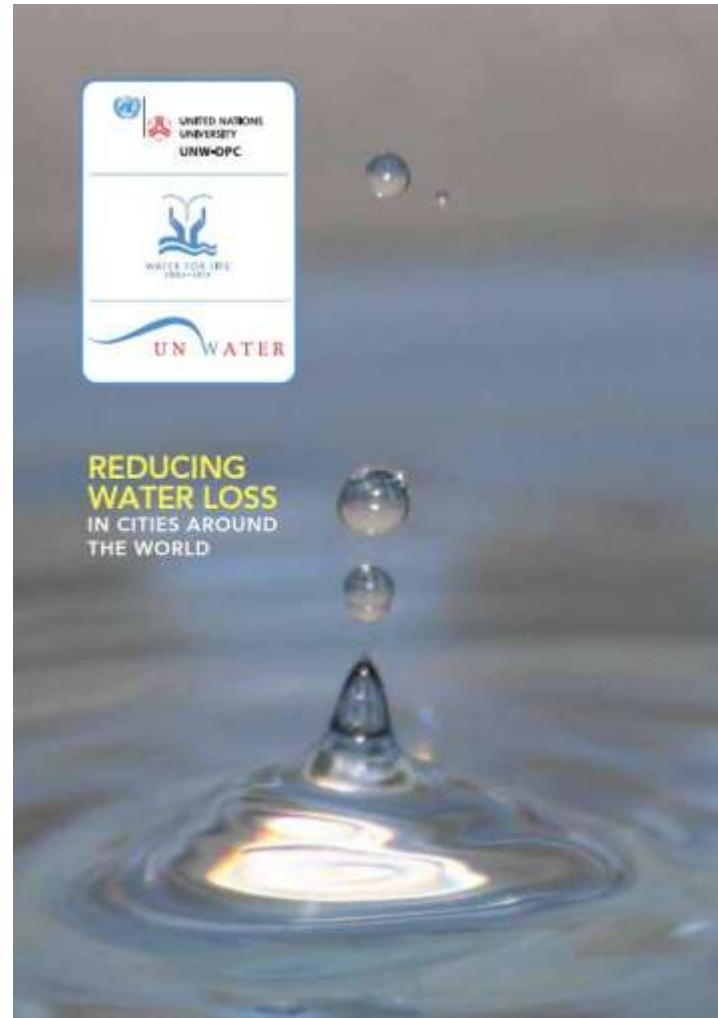


Seminar on "Capacity Building for Non Revenue Water Loss Reduction: an Africa Perspective"

Book and Video launch

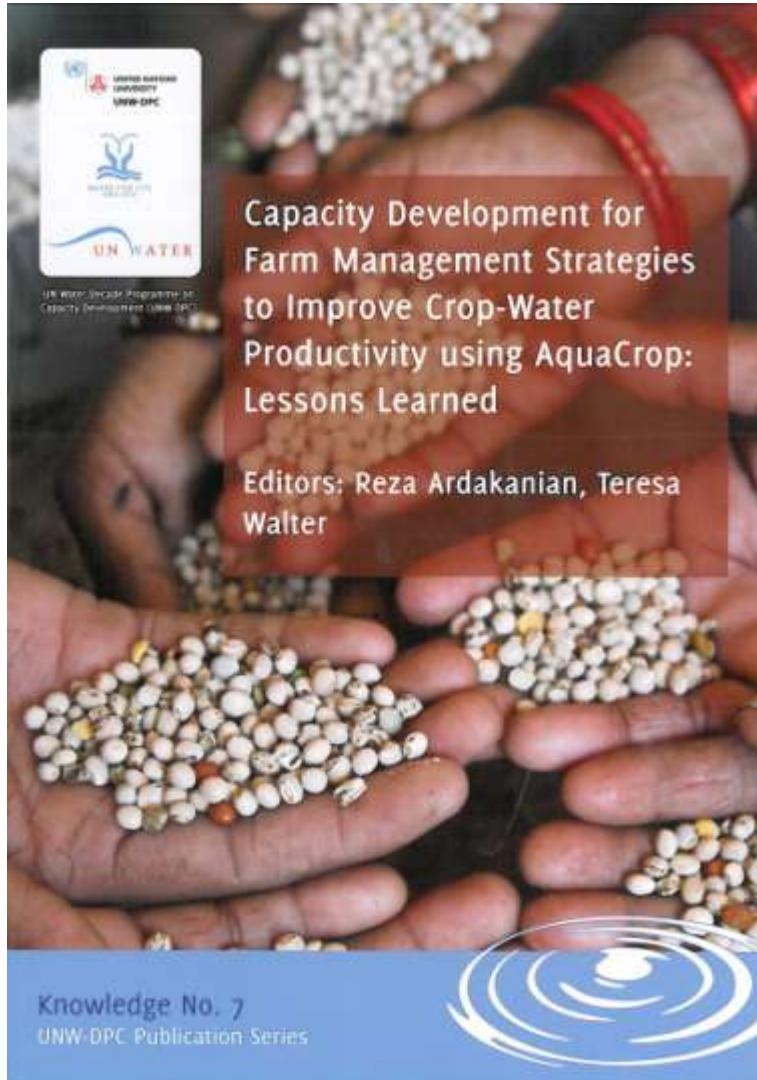


Capacity Development
for Drinking Water Loss
Reduction: Challenges and
Experiences



Launched at the World Water Day 2011 in Cape Town

CD for Farm Management Strategies using AquaCrop



Training Workshops, Africa

- Burkina Faso
- Egypt
- South Africa

Training Workshops, Asia

- Iran
- China

Wrap-up at International workshop in Indonesia, showcasing best case studies of practical applications to policy makers

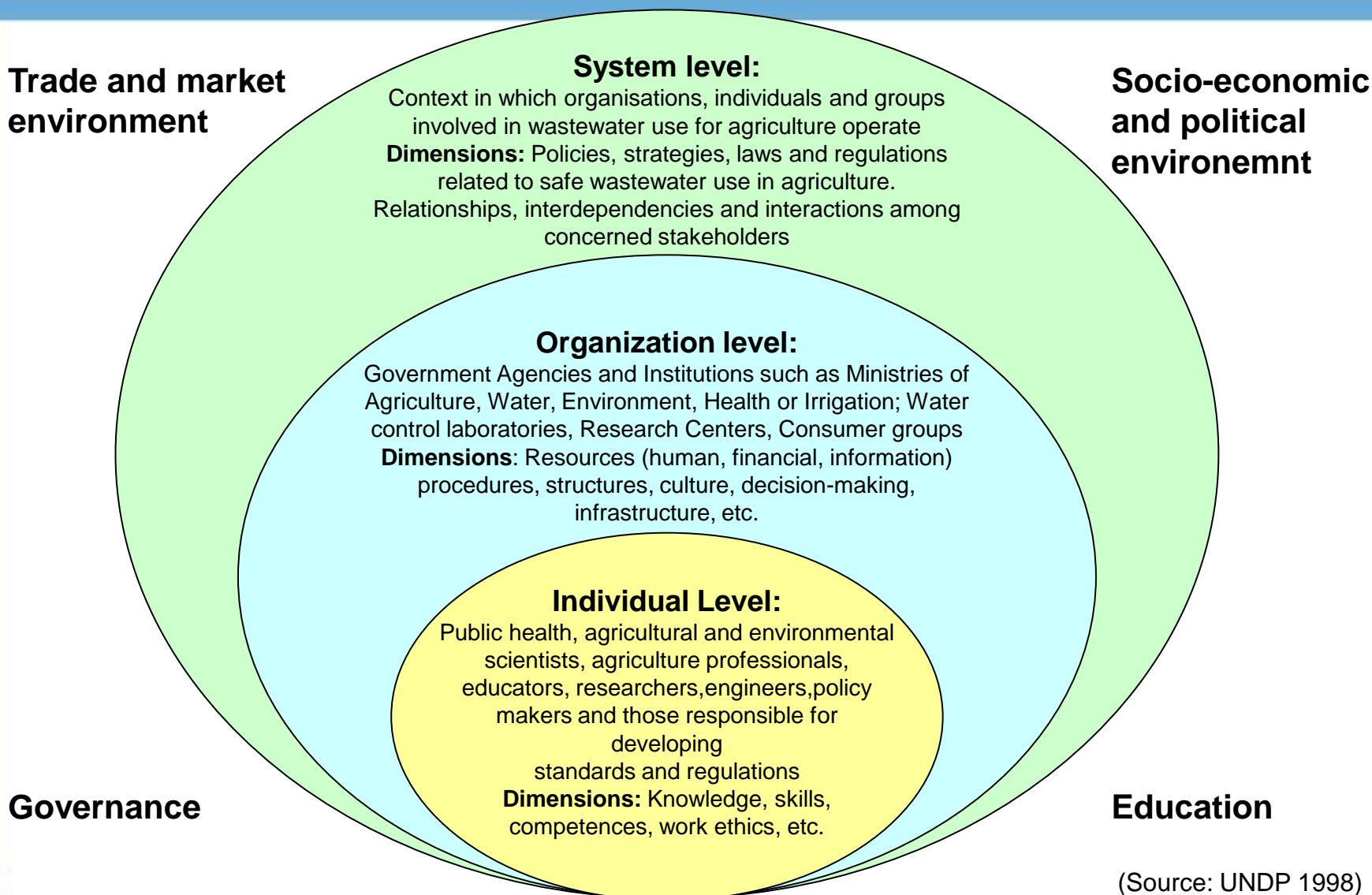
Safe use of Wastewater in Agriculture

UNW-DPC

**Stage I: capacity building at the
individual/organization level**



Levels and dimensions of capacity with respect to safe wastewater use in agriculture



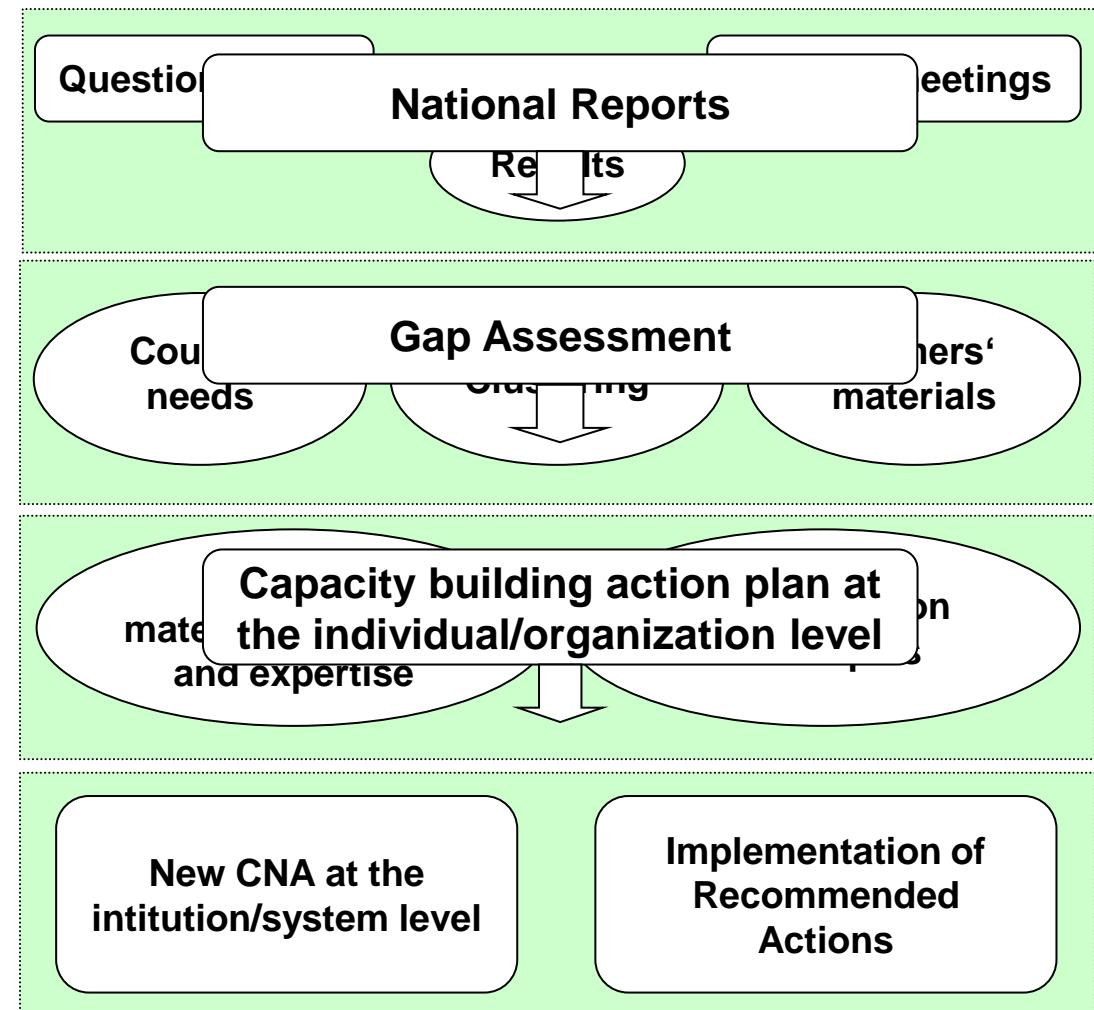
Phases in Stage I: Capacity building at the individual/organization level

Phase I: Individual Capacity Needs Assessment (CNA)

Phase II: International workshop

Phase III: Regional workshops

Phase IV: Wrap-up workshop



Timeline



Results and milestones	Deadline
International Workshop	November 2011
Regional Workshops <i>North Africa, Asia and Middle East, Latin America, Southern Africa</i>	February to September 2012
International Wrap-up workshop	~ March 2013



Structure of the kick-off workshop

Day 1

- Introduction of organizing programmes, agenda, additional info
- Launch of the
UN-Water Activity Information System (UNW-AIS+)
- Regional panel presentations of
Capacity Needs Assessment (CNA) Results
 - Region 1: Asia: *Iran, Jordan, Lebanon, Pakistan, and Syria*
 - Region 2: Latin America: *Bolivia, Colombia, Guatemala, and Peru*
 - Region 3a: Northern Africa: *Algeria, Egypt, Morocco, and Tunisia*
 - Region 3b: Sub-Saharan Africa: *Ghana, Senegal, and South Africa*
- Synopsis of regional presentations, discussion on regional and overarching issues



Structure of the kick-off workshop

Day 2

- Recap of day 1 and introduction of additional materials
- Presentations by Guest Organizations (DWA, IWMI)
- Discussion on the way forward
- Regional break out groups to discuss the information needs of countries engaging in safe use of wastewater in agriculture
- Report of the speakers of the three regional breakout groups
- Synopsis and closing
- Bonn Dialogue on “The Water, Energy and Food Security Nexus: Solutions for the Green Economy”



Thank you!

**UN-Water Decade Programme
on Capacity Development
(UNW-DPC)**

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