



7th World Water Forum
Daegu - Gyeongbuk, KOREA

7th World Water Forum(WWF7)

Daegu Gyeongbuk, Korea 2015

Major Outcomes and Messages

Soontak LEE

Co-Chair, Intl' Steering Committee of the 7th WWF 2015

Distinguished Professor, Yeungnam University, Korea

President, Intl' Hydrologic Environmental Society(IHES)

Governor, World Water Council(WWC)



The Largest Intl.
Event in the field of
Water

- **Every 3 years**
- **Co-Organization** : Host Country + World Water Council<WWC>
- Forum Event(one week) + **Preparatory Process**(more than two years)

Mobilizing debate &
action for all water
issues

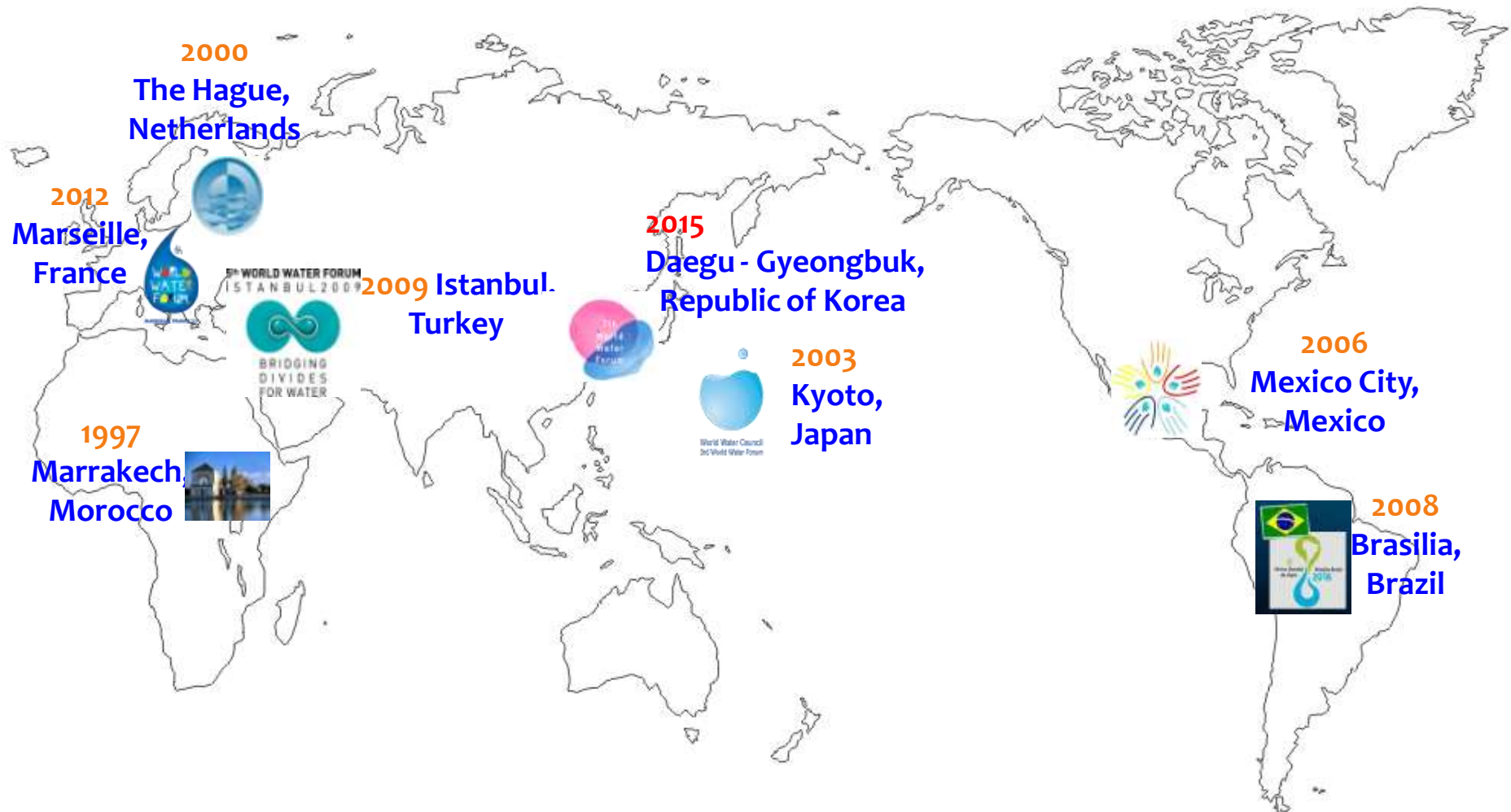
- **Provide a Platform** for all stakeholders to **exchange, learn together and catalyze concrete actions** for improved water resources & services development & management
- **Engage policy and decision-makers** in a dialogue to establish commitments

Ex. Ministerial Declaration, Water Expo from the business view

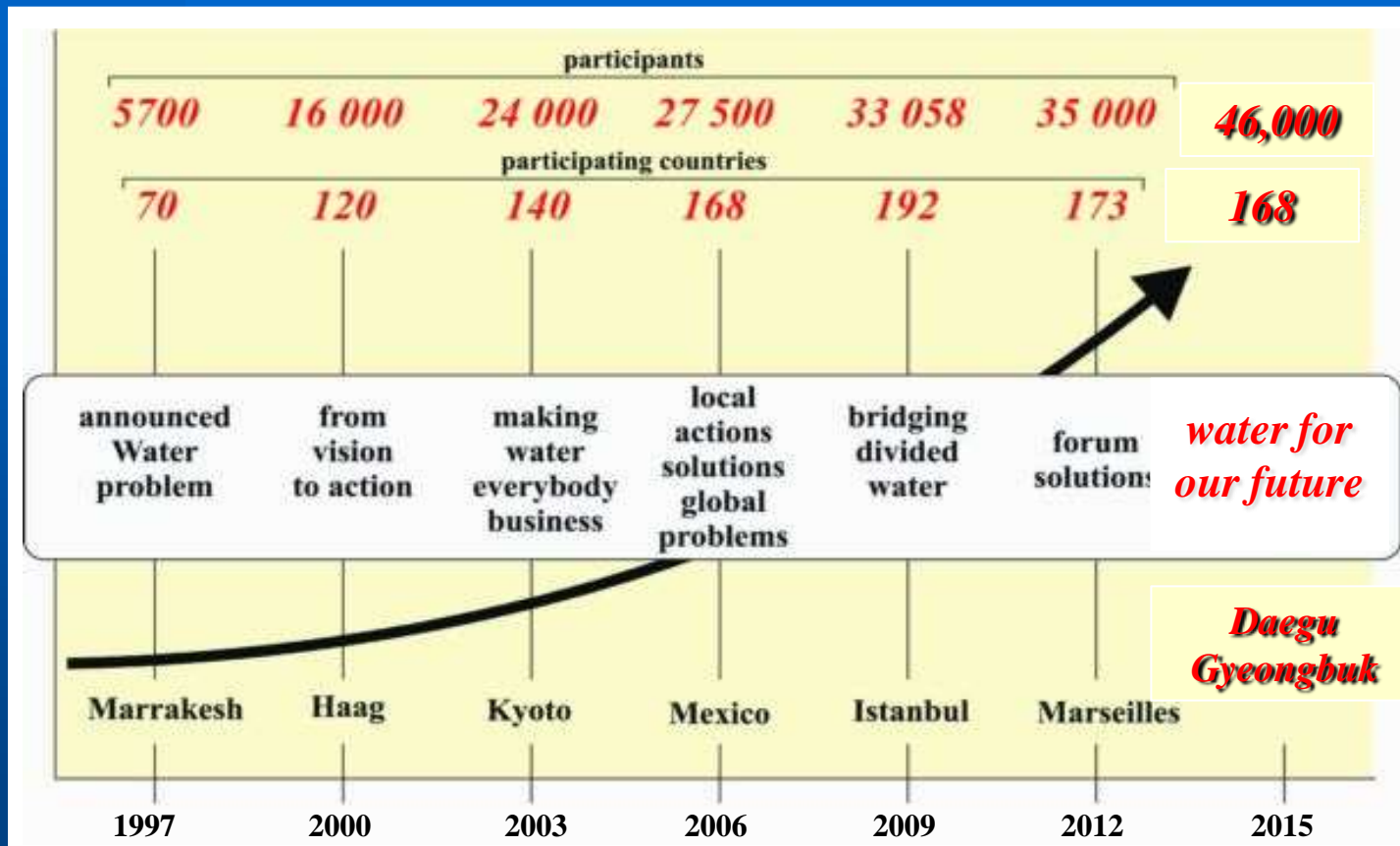
World Water Forum



7th World Water Forum
Daegu - Gyeongbuk, KOREA



Participants and states in past WWF



- History of WWF has now long ways 1997-2015
- 6 Forums, Many thousands participants, impressive dynamic



Core Value

1st

Vision For Water, Life & Environment

2nd

From Vision to Action

3rd

A Forum with a Difference

4th

Local Actions for a Global Challenge

5th

Bridging Divides for Water

6th

Time for Solution

7th

Water for Our Future



WWF7 Slogan

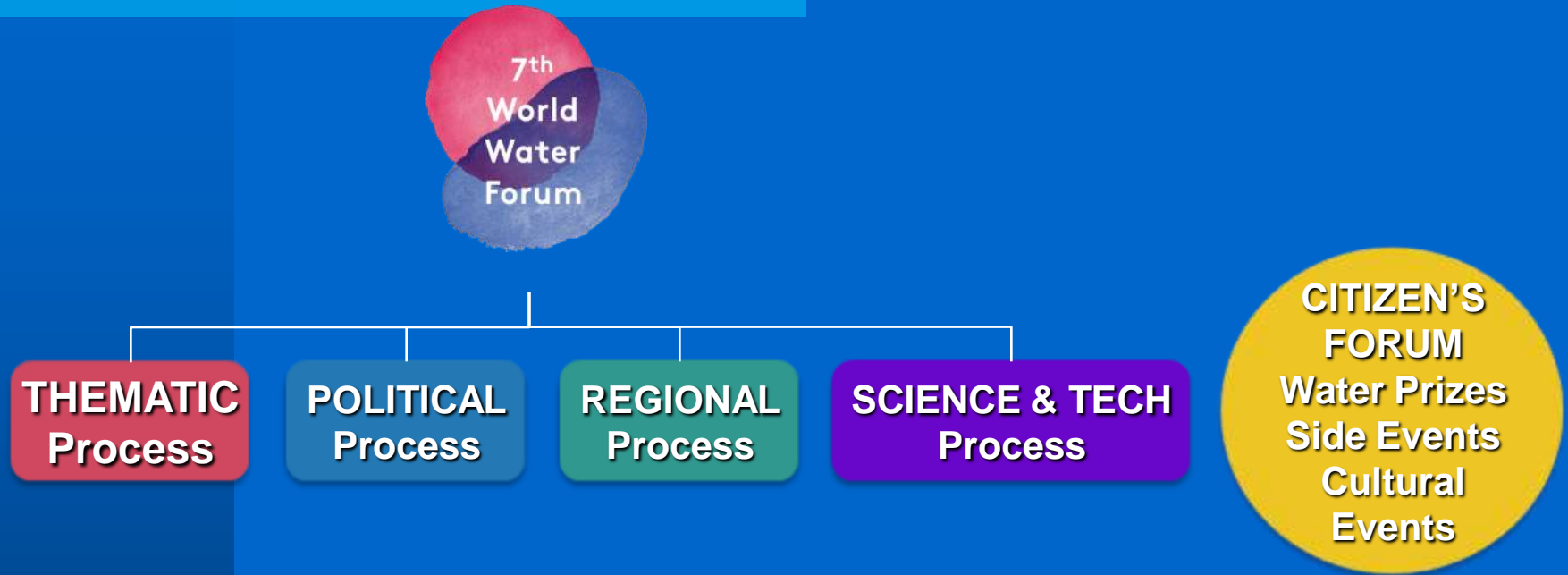
“Water for Our Future”

우리 미래의 물을 위하여

“Stands for our will to move forward to
the future by implementing solutions to
water challenges of today”

*7th World Water Forum
Daegu Gyeongbuk, Republic of Korea
12-17 April, 2015*

Process Framework



◆ Science & Technology Process

- Current and future water solutions are highly dependent on the use of scientific, research, new technologies and innovation processes.
- By focusing on the role of science, technology and innovation in the water sector, we could change the course of water services and sustainability.



Process Framework

Thematic Process	Action Goals(The Future We Want)				Action Tools (Engines for Change)	
	1. Water Security for all	2. Water for Development and Prosperity	3. Water for Sustainability : Harmonizing Humans and Nature	4. Constructing Feasible Implementation Mechanisms		
	1.1 Safe Water 1.2 Sanitation 1.3 Adapting to Change 1.4 Infrastructure	2.1 Food 2.2 Energy 2.3 Cities	3.1 Green Growth 3.2 Ecosystem 3.3 Water Quality 3.4 SMART Implementation of IWRM	4.1 Finance 4.2 Governance 4.3 Conflict 4.4 Culture/Justice 4.5 Education		
Political Process	Ministerial		Parliamentarian		Local & Regional	
Regional Process	Regions				Cross - Regions	
	Africa	Americas	Asia-Pacific	Europe	Arab Mediterranean	Economically Water Insecure (EWI)
Science & Technology Process	Main Focus1	Main Focus2	Main Focus3	Main Focus4	Main Focus5	
	Efficient water management	Resource recovery from water and waste-water systems	Water and Natural disasters	Smart technology for Water	Understanding and managing ecosystem services for water	

Implementation



7th World Water Forum

WWF7 Achievements

- Mechanisms were created to enhance support for continuous collective action on water.
 - Implementation Roadmaps(Irs), Action Monitoring System(AMS)
- Greater political commitment was generated for water within policy dialogues.
 - Ministerial Declaration, Parliamentary Statement,
Daegu-Gyeongbuk Water Action for Sustainable Cities and Regions
- The pivotal role of science and technology as a sustainable engine for implementation of water-related solutions was highlighted.
 - 5 Main Focus Areas, White Paper, CEO Innovation Panels
- Dialogue and exchange was enhanced among different regions.
 - Inter-Regional Sessions, Economically Water Insecure(EWI)
- Case studies demonstrating lessons on implementation were showcased.
 - Daegu Gyeongbuk Water Prize, Water Showcase, World Water Challenge



WWF7 in Numbers

46,000 ENTRIES

FROM 168 COUNTRIES

10 WORLD LEADERS

81 GOVERNMENT MINISTERS at the Ministerial Conference

71 PARLIAMENTARIANS

95 LOCAL AND REGIONAL AUTHORITIES

403 SESSIONS & EVENTS

- 128 for Thematic Process

- 32 for Political Process

- 51 for Regional Process

- 40 for Sc & Tech Process

- 61 for Citizen's Forum

- 91 diverse additional sessions

- Expo:- from 39 countries(910 booths)

- 294 water-related institutions(private corporations & organizations)

- 21 water power countries hosted national pavilions

900 JOURNALISTS FROM FIVE CONTINENTS

7th World Water Forum

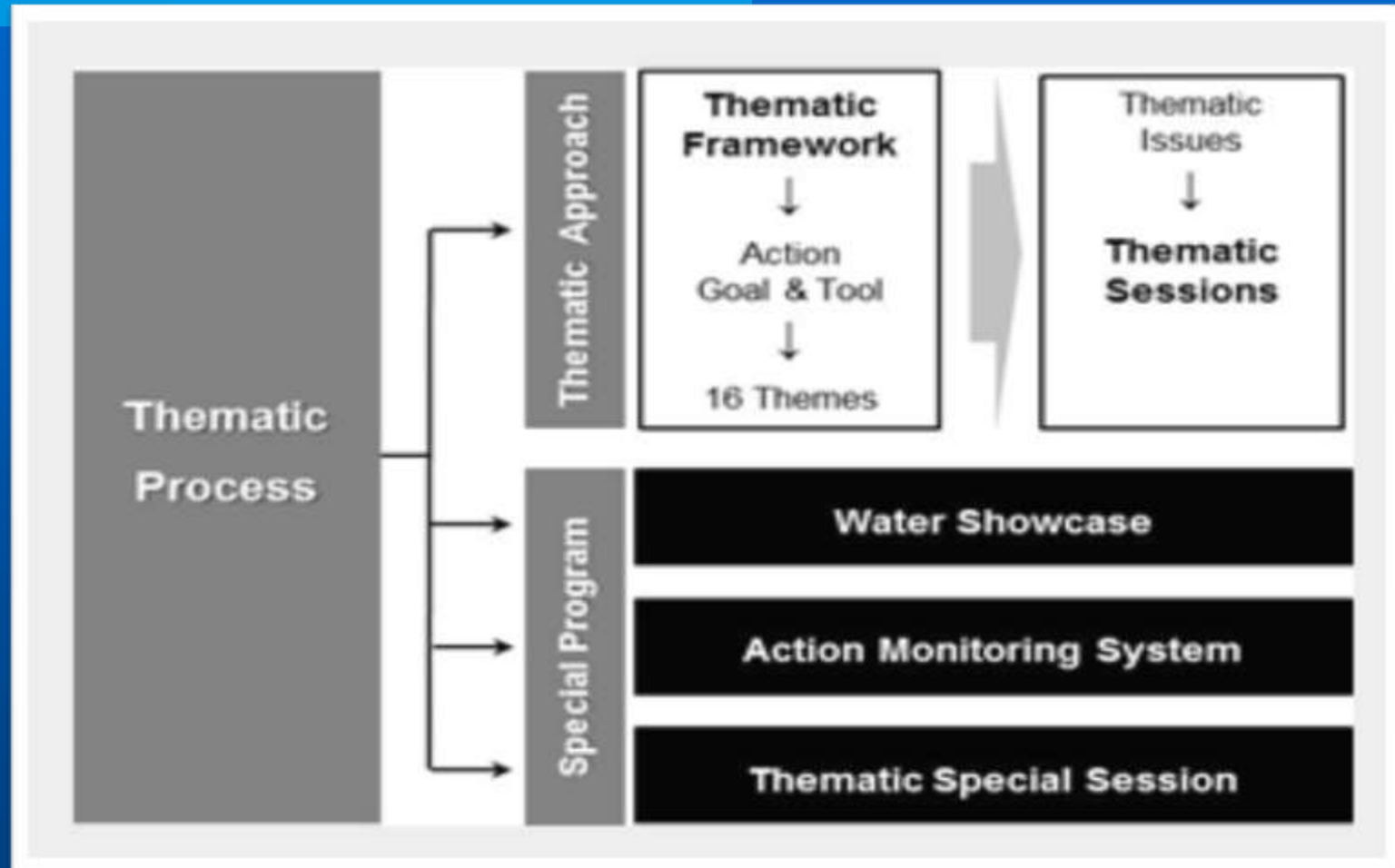


7th World Water Forum
Daegu - Gyeongbuk, KOREA

World Leaders at the Grand Opening Ceremony



Thematic Process





Thematic Process

16 Champions for the Daegu & Gyeongbuk Implementation Commitment(DGIC)

- To assemble the major goals for action within each of the Forum's 16 thematic areas with the intention of supporting and monitoring progress in those areas over the next three years.

“Implementation Roadmaps” “Action Monitoring System”

Guide collective action and keep track of progress in a public arena.

“Water Showcase”

Exchange practical experiences, knowledge, information and policies through sharing actual cases with successful outcomes and instructive lessons



Thematic Process

Thematic Framework

ACTION GOAL 1 - The Future We Want

Coordinators & Co-coordinators

1. Water Security for All

- | | |
|--|--|
| 1.1 Enough Safe Water for All | : UNESCO International Hydrological Programme (UNESCO-IHP) |
| 1.2 Integrated Sanitation for All | : pS-Eau (Programme Solidarité Eau) AQUAFED |
| 1.3 Adapting to Change Managing Risk and Uncertainty
for Resilience and Disaster Preparedness | : International Centre for
Water Hazard and Risk
Management (ICHARM) |
| 1.4 Infrastructure for Sustainable Water Resource
Management and Services | : International Commission
on Large Dams (ICOLD) |

ACTION GOAL 2 - The Future We Want

2. Water for Development and Prosperity

- | | |
|----------------------|---|
| 2.1 Water for Food | : Food and Agriculture Organization of the United Nations (FAO) |
| 2.2 Water for Energy | : International Water Association (IWA) |
| 2.3 Water and Cities | : UN-Habitat
International Water Association (IWA) |



Thematic Process

Thematic Framework

ACTION GOAL 3 - The Future We Want

Coordinators & Co-coordinators

3. Water for Sustainability: Harmonizing Humans and Nature

3.1 Green Growth, Water Stewardship and Industry

: K-water

3.2 Managing and Restoring Ecosystems

: Ramsar Convention Secretariat

for Water Services and Biodiversity

3.3 Ensuring Water Quality from Ridge to Reef

: Int'l Water Resources Association (IWRA)

3.4 SMART Implementation of IWRM

: UNESCO Regional Science Bureau
Global Water Partnership (GWP)

ACTION TOOL - Engines for Change

4. Constructing Feasible Implementation Mechanisms

4.1 Economics and Financing for Innovative Investment

: Asian Development Bank (ADB)

4.2 Effective Governance: Enhanced Political Decisions,
Stakeholder Participation and Technical Information

: OECD Water Governance Initiative

4.3 Cooperation for Reducing Conflict and Improving
Transboundary Water Management

: International Network of
Basin Organizations (INBO)

4.4 Water Cultures, Justice and Equity

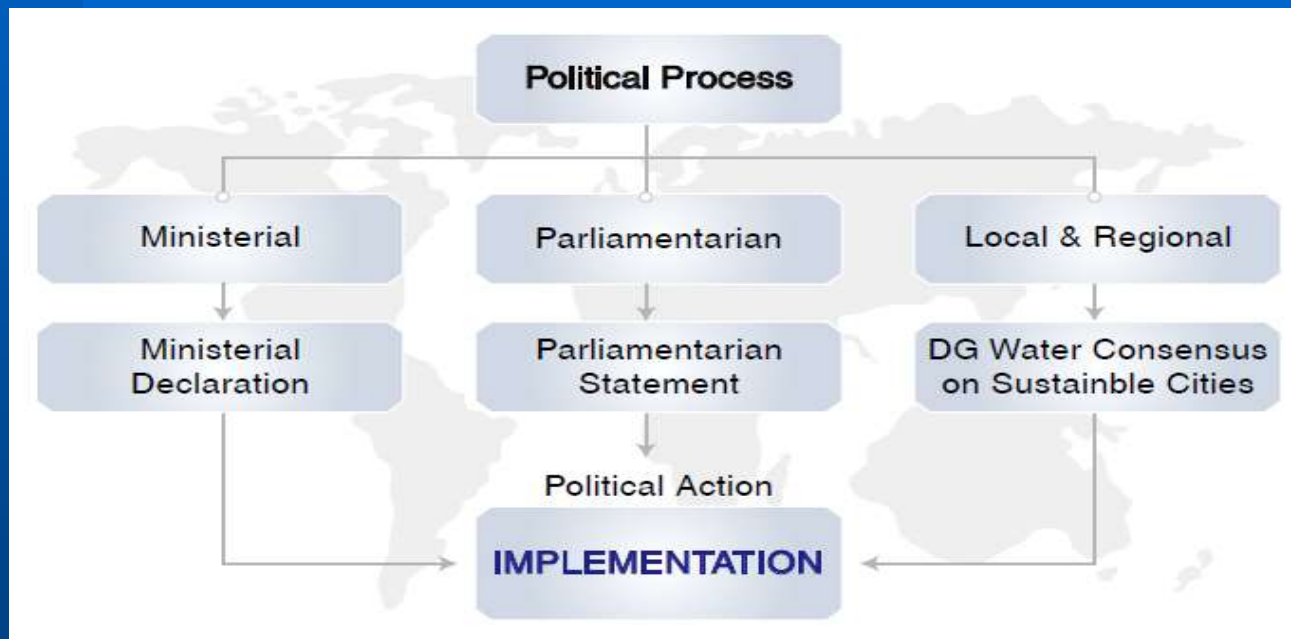
: UNESCO Women for Water Partnership (WfWP)

4.5 Enhancing Education and Capacity Building

: Int'l Network of Water
Training Centers (INWTC)

Political Process

Political Process consists of three processes: Ministerial, Parliamentary, and Local and Regional Authorities (LRA) process.



Political Process

RECORDED ATTENDANCE FOR THE MINISTERIAL PROCESS

Ministerial Declaration, a full set of recommendations from the international water community

- More than **100 ministerial delegations** participated in the Forum
- **Dedicated water goal and water-related targets** in the **Post-2015 Development Agenda**
- 7th World Water Forum's contribution in **supporting their implementation**
- Importance of **science and technology's role** in moving from **the identification of solutions** for water-related challenges towards their **implementation**





Political Process

PARLIAMENTARIANS' COMMITMENTS TO ACT FOR IMPLEMENTATION

Parliamentarian Conference

Legislative solutions for sustainable water management
by gathering 71 parliamentarians from 27 countries

Parliamentarian Statement

Prioritizing **water security** in terms of **sustainable economic development**,
allocation of financial resources and streamlining **budget execution efficiency**

Political Process

NEW TOOLS FOR LOCAL AND REGIONAL AUTHORITIES

Local and Regional Authorities (LRAs) Process

95 Local & Regional Authorities from 26 countries

Daegu-Gyeongbuk Water Action for Sustainable Cities and Regions

➤ Concrete tools to guide LRAs in the implementation of sustainable water management strategies at the local level

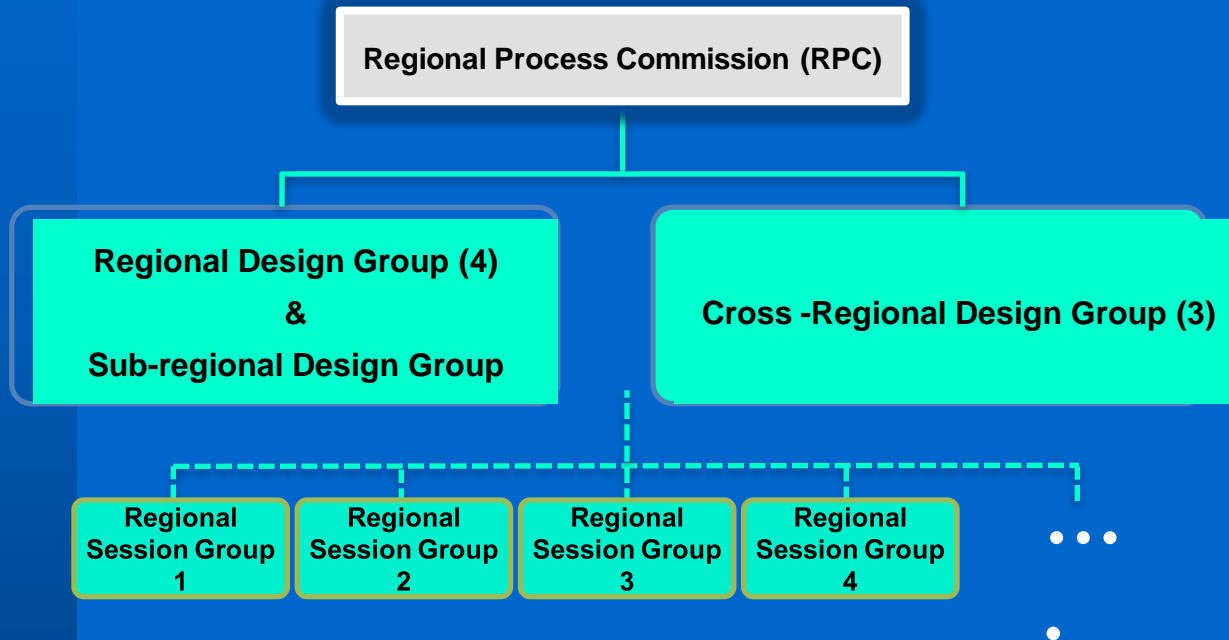
Highlights

Importance of local authorities' roles
in implementing and achieving the
Sustainable Development Goals and how
best to deliver their share of responsibilities
in the most effective and efficient way



Regional Process

Structure



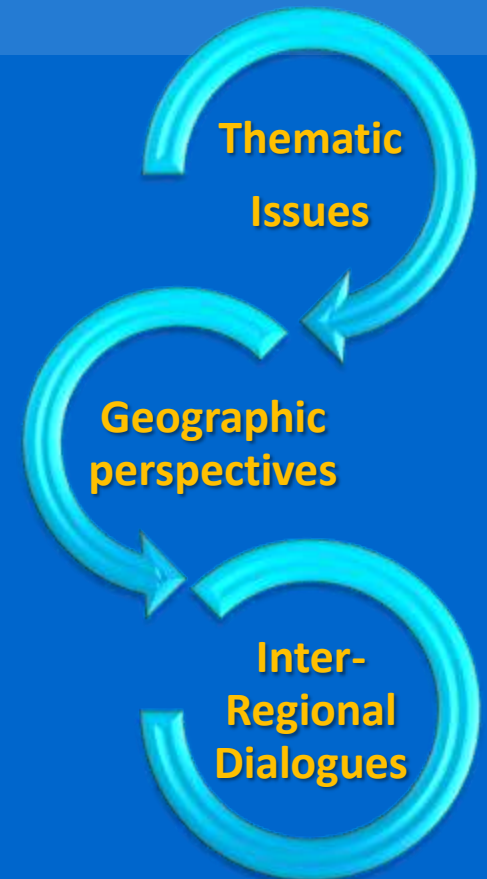
- **Regional / Cross-Regional Design Groups (led by Regional Coordinators)**
- **Sub-regional Design Groups (applicable to Regions that have Sub-regional division / led by Sub-regional Coordinators)**
- **Regional Session Groups (in charge of sessions)**

Regional Process

INTER-REGIONAL SESSIONS GENERATE DIALOGUE BETWEEN
CONTINENTS AND PROCESSES

Successful new set of inter-regional dialogues

- Discussion on common **thematic issues**
from different geographic perspectives
 - “Collaborative discussions”
 - “Cross-cutting concluding sessions”
- Participants gained a **broader understanding**
of how to deal with **similar challenges in**
different contexts.



Science & Technology Process

The Science and Technology process aims toward the 'Implementation' of innovative and applicable technologies by building sound and effective linkages in the water sector between science, technology, policy and practice. In line with the goals of the STP, the process has the detail objectives on

- *improving the understanding of the roles of science and technology in solving the global water challenges based on practical cases and know-hows*
- *designing guidance on the use of science and technology to implement and innovate water policies and realities*
- *providing practical pathways to actors in business and policy makers to find the proper partners to make synergistic effects to implement solutions*

It consists of five Main Focuses with 25 Sub Focuses and three Special Programs (White Paper, CEO Innovation Panel, and World Water Challenges).

❖ 40 Sessions in total organized



Science & Technology Process

✓ Focus Sessions

To share water-related innovative and applicable technologies and experiences worldwide, 31 Design Groups and more than 150 Sessions Groups are making the Process different from others in terms of providing technological solutions and implementation tools.

✓ White Papers – strategic insight and foresight

The White Paper, one of the core outcomes of the 7th World Water Forum, identifies the current status of water-related science and technology and provides future directions by composing 'science and technology innovation' in the sectors of each Main Focus of the Process.

✓ CEO Innovation Panel – Bringing together business leaders from water sector and beyond

- Gaining momentum behind science, technology and innovation

The CEO Innovation Panel aims at providing opportunities for communicating and interacting between CEOs of water-related enterprises, high-level government officials, water experts, and other stakeholders who have worked in the front-line for global water.

✓ World Water Challenges – linking problem owners with solution providers

It is a competition program for projects serving to bridge the problem owners and the solution providers. Judging committee has identified 15 water challenges around the globe, builds networks between problem owners and solution providers, and suggests and shares solutions for those challenges.

Science & Technology Process

Main Focus, Focus Session

- Main focus 1: Efficient Water Management
- Main focus 2: Resource Recovery from Water and Wastewater System
- Main focus 3: Water and Natural Disasters
- Main focus 4: Smart Technology for Water
- Main focus 5: Understanding and Managing Ecosystem Services for Water

*Primary Water Issues from Scientific and Technological Perspectives



Science & Technology Process

CONNECTING TECHNOLOGICAL INNOVATIONS WITH WATER CHALLENGES

Science and Technology Process(STP)

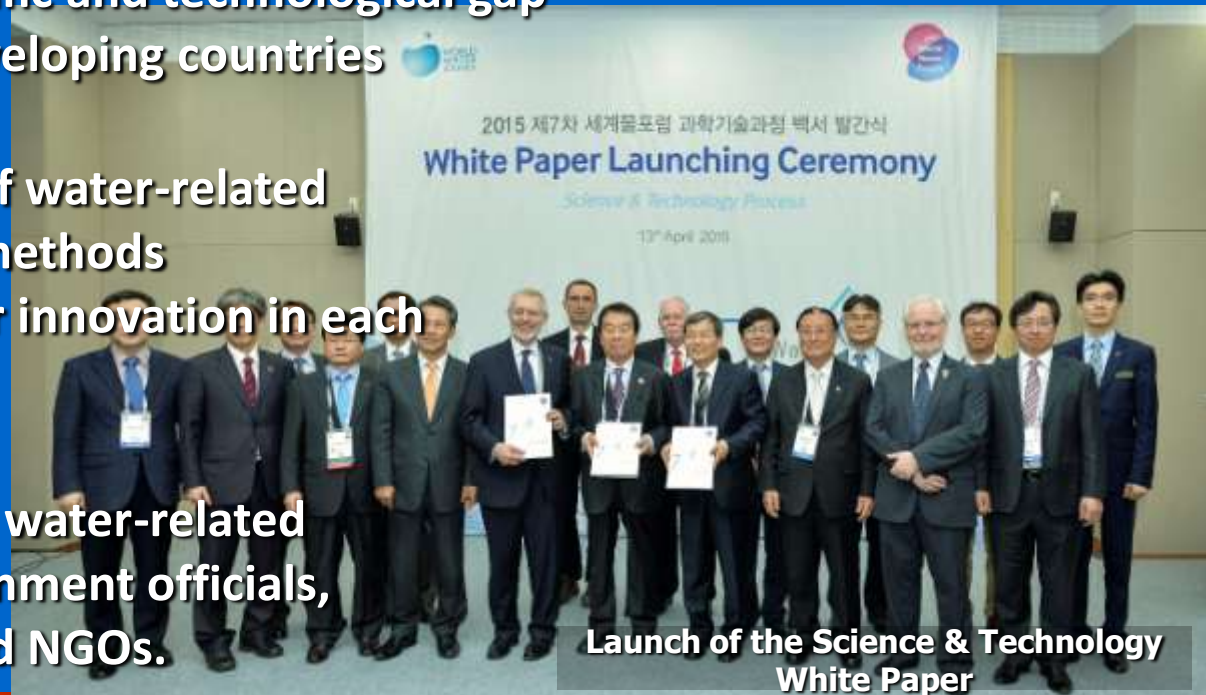
- Focused on the implementation of scientific and technological innovations in water management
- Aimed at bridging the scientific and technological gap between developed and developing countries

STP White Paper

- Identify the current status of water-related scientific and technological methods
- Provide future directions for innovation in each of the five sectors

CEO Innovation Panels

Interaction between CEOs of water-related enterprises, high-level government officials, water experts, academia, and NGOs.



Other Components

Citizen's Forum

The 7th World Water Forum aims to create an open platform where various stakeholders can exchange their views on water, find solutions and interact. Therefore, the Citizen's Forum is provided in order to reflect the voices of civil society to the 7th World Water Forum. With programs and activities led by civil society for raising awareness about water-related challenges, the Citizen's Forum facilitates and calls for practical actions by citizens.

List of some programs of the Citizen's Forum

- World Children Water Forum
- Youth Parliament for Water
- Launching of the Water Ethics Charter
- The 4th International Water and Film Event (IWFE)
- Sessions and exhibitions by indigenous peoples' groups
- 5-River Walk and Event
- Water education experience booths
- Successful cases of the community's participation to protect rivers and local streams
- Han River and Hallyu
- Korea's well culture showcase and dance performances

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Other Components

PRIZES RECOGNIZE DEVELOPMENT AND WATER SOLUTIONS



King Hassan II Great World Water Prize
by the Kingdom of Morocco, WWC

Kyoto World Water Grand Prize
by the Japan Water Forum, WWC

Mexico World Water Prize
by the Government of Mexico

Daegu Gyeongbuk Water Prize
by Gyeongsangbuk-do Province and
Dae-gu Metropolitan city
(Winners of the Water Showcase and
The World Water Challenge)



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Expo & Fair, Exhibition Hall EXCO Daegu



Goodbye until 2018 Brasilia



7th World Water Forum
Daegu - Gyeongbuk, KOREA

7th World Water Forum



CONCLUSION



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Significance : Another legacy in the making...

- ◆ Solutions to Implementation
- ◆ Bridging Platform of Science & Technology to Water Issues
- ◆ Contribution to Sustainable Development Goals (SDGs)

2015
Daegu-Gyeongbuk
WATER FOR
OUR FUTURE

1997
1st Morocco
*Vision for Water, Life
and the Environment*

2000
2nd Netherlands
*From Vision
to Action*

2003
3rd Japan
*A Forum with
a Difference*

2006
4th Mexico
*Local Actions for
a Global Challenge*

2009
5th Turkey
*Bridging Divides
for Water*

2012
6th France
Time for Solutions

The background of the slide features a modern building with a large glass facade. In the foreground, a large, spherical logo for the World Water Forum 2009 is visible. The logo is composed of blue and red segments, with the text "World Water Forum 2009" and "Daegu & Gyeongbuk, Rep. of Korea" wrapped around it. The text "Water for Our Future" is overlaid in a white, italicized serif font.

Water for Our Future

Thank you!

<http://worldwaterforum7.org>