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Global Leading Mekong-ROK Technical Collaborative Platform in the Water Sector









































































# **Vision & Roles**

#### **Vision**

Technical Collaborative Platform Specialized for the Mekong Region Contributing to the Clean & Sufficient Water and Sustainable Development

#### **Roles**

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# Implementing Diplomatic Policy of ROK

Supporting Mekong-ROK relationship in water sector in line with the Indo-Pacific strategy and Korea-ASEAN Solidarity Initiative

#### **Introduction**

Korea-Mekong Water Center(KOMEC) is a non-profit organization established in 2020 after adopting the Mekong-Han River Declaration during the 1<sup>st</sup> Mekong-Korea Summit 2019.

KOMEC implements several collaboration projects in the water sector, such as capacity building, performing institutional assessments, and developing water management master plans for the Mekong countries. Moreover, KOMEC also focuses on assisting the Mekong countries to strengthen its resilience against key regional societal issues such as climate change, water security, and nature degradation.

# Strengthening Network toward the Mekong Region

Expanding and strengthening relationships as a water diplomacy platform

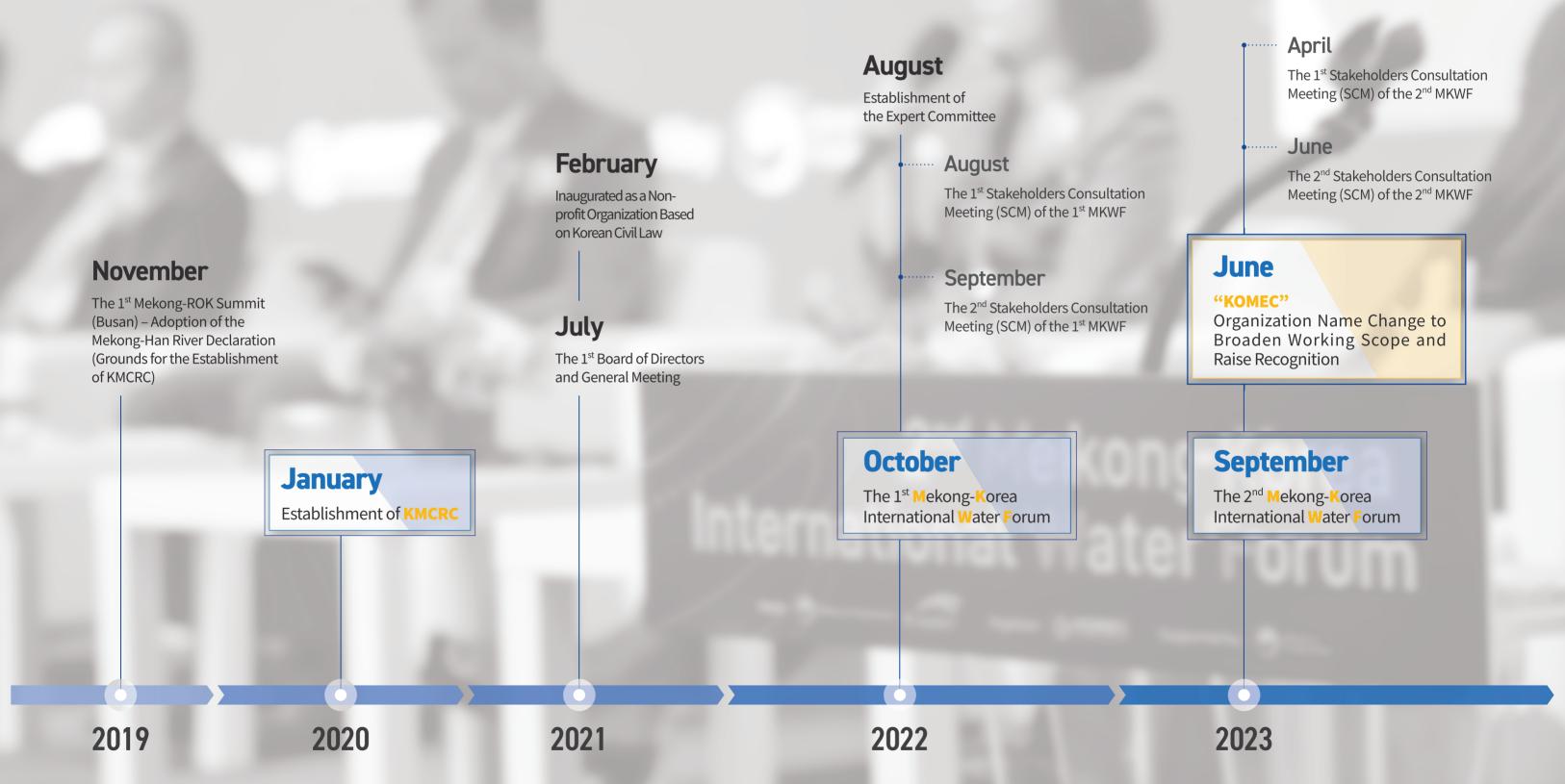




# Providing Water Solution for Mekong Water Issues

Exploring and implementing projects to provide technical consultation for water issues in the Mekong River basin

# **HISTORY**



# **Partnerships**

KOMEC has an extensive collaborative network with Mekong countries and development partners to support government's diplomatic policies towards the Mekong region.

As a water diplomacy platform toward the Mekong River basin, we are expanding and strengthening relationships with partners that share the same vision for the sustainable development of the Mekong region.

#### **Expert Committee**

Mekong
Cooperation

Science &
Technology
Innovation

R&D Water
Technology

Research
Institution

Development
Partners
Organization

Private Sector

The Expert Committee of KOMEC comprises three groups of experts specialized in the water sector and international cooperation.

The Expert Committee shares experience and knowledge on the development of water agendas and provides technical advice on the implementation of water projects in the Mekong region.

#### **Global Network**

The network of KOMEC stretches far beyond the borders of the Mekong River basin countries, connecting with the global community.

KOMEC has paved the way for international cooperation on the water challenges in the Mekong River basin, such as climate change and water disasters, aiming to position the Republic of Korea as a key player in the development of the Mekong region.

We perform as a focal point toward international cooperation in the Mekong region, based on the relationship with stakeholders in the Mekong River and development partners, including international organizations, government agencies, Multilateral Development Banks, and the private sector.



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2<sup>nd</sup> Mekong-Korea International Water Forum

#### High-level Dialogue

Round Table Session

Mekong-Korea International Water Forum (MKWF) is an annual international water forum organized by KOMEC gathering the Mekong countries and multinational development partners.

Stakeholders including high-level officials, development partners, and water experts exchange their insights and discuss to raise water issues, find solutions, and explore collaboration in the Mekong region.

Thematic Sesison

The objective of the forum is to improve the ability of the Mekong countries to implement the SDGs, and to integrate existing collaborative networks and innovative technologies for development of the effective water solutions. The agenda of the forum is developed by identified priorities by collecting voices and experiences from local experts to make the discussion more interactive and fruitful.



# **PROJECT**

### 01 Activity

Technical Workshop

International Conference

MKWF(Mekong-Korea International Water forum)

Interview & Meeting

Survey •

Identifying

Mekong Water

Issue

- Digital technology
  - A (Artificial Intelligence)

with water technology

- ICT(Information and Communication Technologies
- NbS(Nature based System)
- Remote Sensing

#### 02 Outcome

- Data sharing platform
- Green-gray Infrastructure
- Decision Support System
- Digital Twin Platform

- DRR(Disaster Risk Reduction)
- IWRM(Integrated Water Resource Management)
- SWG(Smart Water Grid)
- SWM(Smart Water Management)

#### 03 Impact



Welfare of the Mekong River Basin Residents



Sustainable Development



Climate Resilience



Climate Change Mitigation

#### **Implementation of SDGs**



6. Clean Water and Sanitation



11. Sustainable Cities and Communities

#### 2019 Mekong Countries

[MI] Water Data Utilization and Capacity Building in the Mekong Region

#### 2021 ROK

[MOE] Water Industry of the Mekong River Basin and a Research Collaborative Platform

#### Indonesia

[KEITI] Feasibility Study for the Development Sewage System with Citywide Inclusive Sanitation (CWIS) for Kota Bogor, Indonesia

#### 2022 ROK

[MOE] International Development Cooperation Platform for Water Environment Infrastructure in the Mekong Region

#### Cambodia, LaoPDR

[UNDP] Enhancing IWRM and Climate Resilience in the Mekong River Basin

#### Cambodia

[KOICA] Master Plan of IWRM for the Mekong Delta Region in Cambodia

#### **Solomon Island**

[ADB e-Asia] Digitalization of Water Management for Improved Resilience - Solomon Islands

#### 2023 ROK

[MOE] A Study on the Upgrade of the Mekong International Cooperation Platform

#### **Mekong Countries**

[IUCN] Preliminary Study on the Application of the Nature-based Solutions to Improve the Climate Resilience in the Mekong Region

#### **Mekong Countries**

[USAID] Preliminary Study on the Development of the Water-related Decision Support System Utilizing the Digital Technology in the Mekong Region











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