

UNITED NATIONS
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UNU-INWEH

Institute for Water,
Environment and Health

Asia Regional Workshop Using SDG 6 Policy Support System (SDG-PSS) to facilitate countries in Asia for water-related sustainable development

Experiences in using SDG 6.0 PSS in Pakistan

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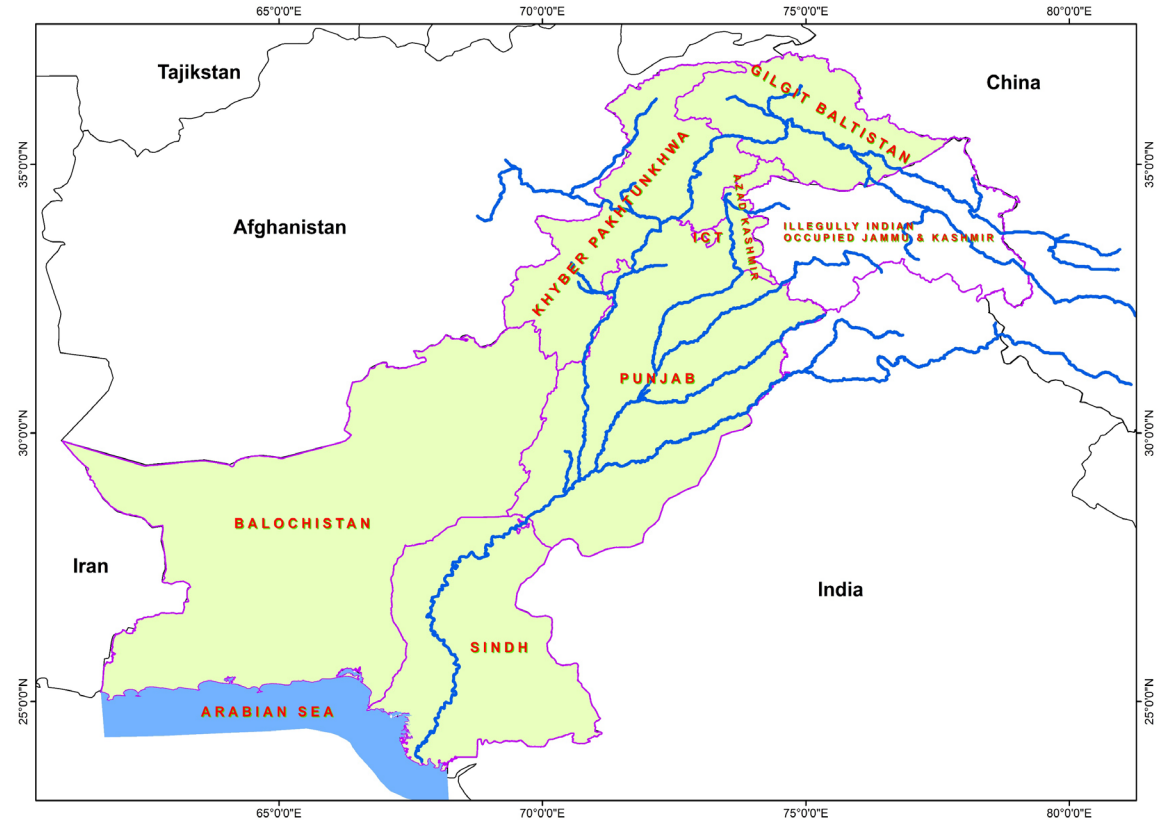
Pakistan Council of Research in Water Resources (PCRWR)

November 23, 2022, Daegu, Republic of Korea

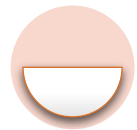
Complex Water Resources Sector of Pakistan

World's Largest Surface and Groundwater Resources

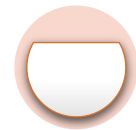
- One of the largest contiguous irrigation systems in the world
- One of the largest groundwater resources in the world (4th after India, USA and China)
- Groundwater supplements over 60% of the surface water supplies
- Over 90% of drinking water and 100% of industrial water comes from groundwater
- Rainfed farming 12 Mha- rainfall 200mm to 100 mm



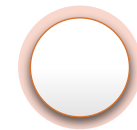
Agriculture-
Surface water
Provincial govt



All sector-
Groundwater
Agriculture,
Domestic and
Industry

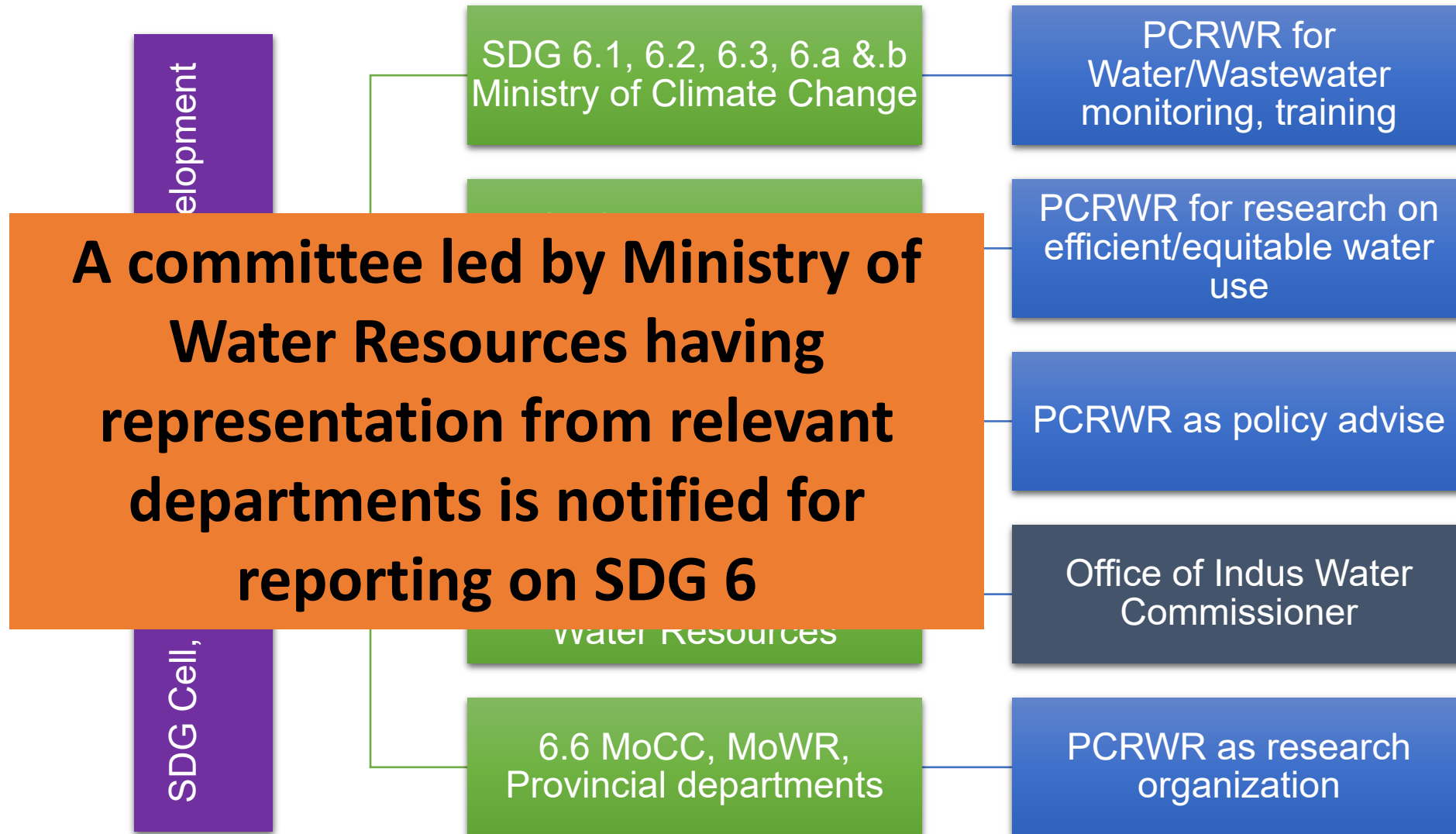


Wastewater
Domestic and
Industry

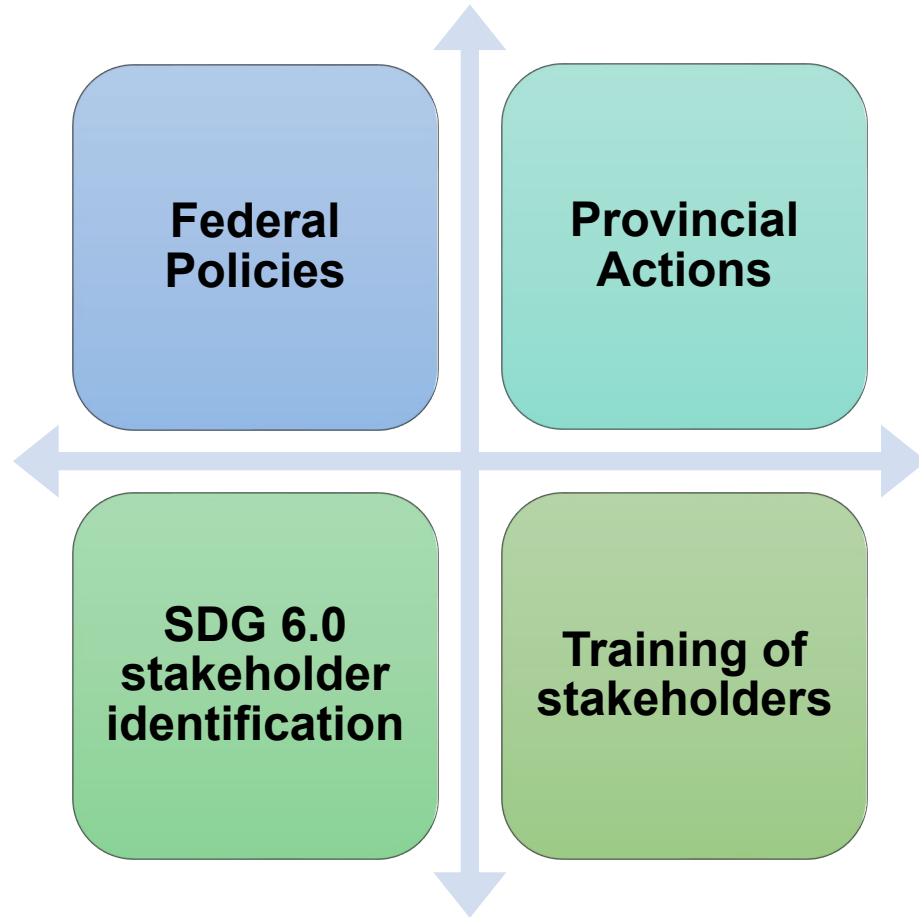


Water
ecosystem
Federal
Government

SDG 6.0-Institutions in Pakistan



SDG PSS help in policy implementation

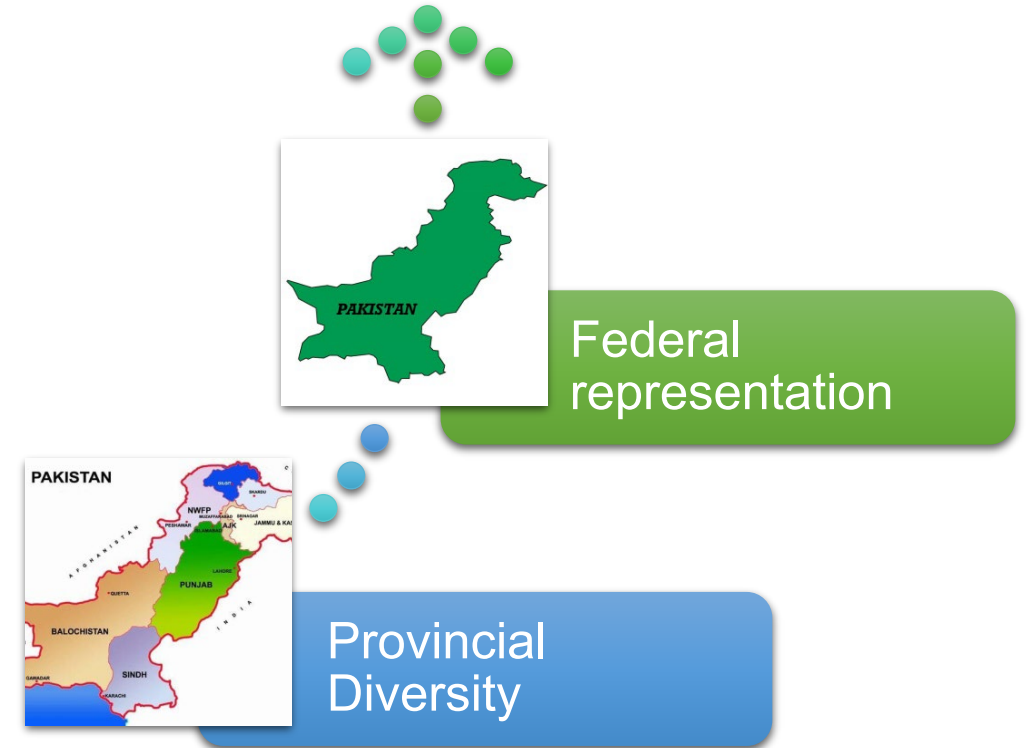


- A catalog of policies and their custodian institutions
- How well is the provincial government planning for SDG 6.0
- Development of SDG 6.0 understanding among stakeholders
- Helped stakeholder organizations to recognize/define their role in SDG 6.0
- Understanding of SDGs being country-led (no number game as in the case of MDGs)
- Assisted the committee to identify relevant departments and reporting mechanism

SDG PSS help in developing stronger coordination

Coordination among different stakeholder organizations;

- Federal and Provincial Government
- Provincial government and district government
- All stakeholders of SDG 6.0;
 - Public Health Engineering Department,
 - Water Supply/sanitation companies
 - Water and Sanitation Authorities
 - Provincial Disaster Management Authority
 - Environment Protection Authority
 - Provincial Irrigation Department
 - Provincial Agriculture Department
 - Academia
 - NGOs working on WASH and the environment
 - Forest Department



Coordination development process



Step by step
Handbook

National
workshop

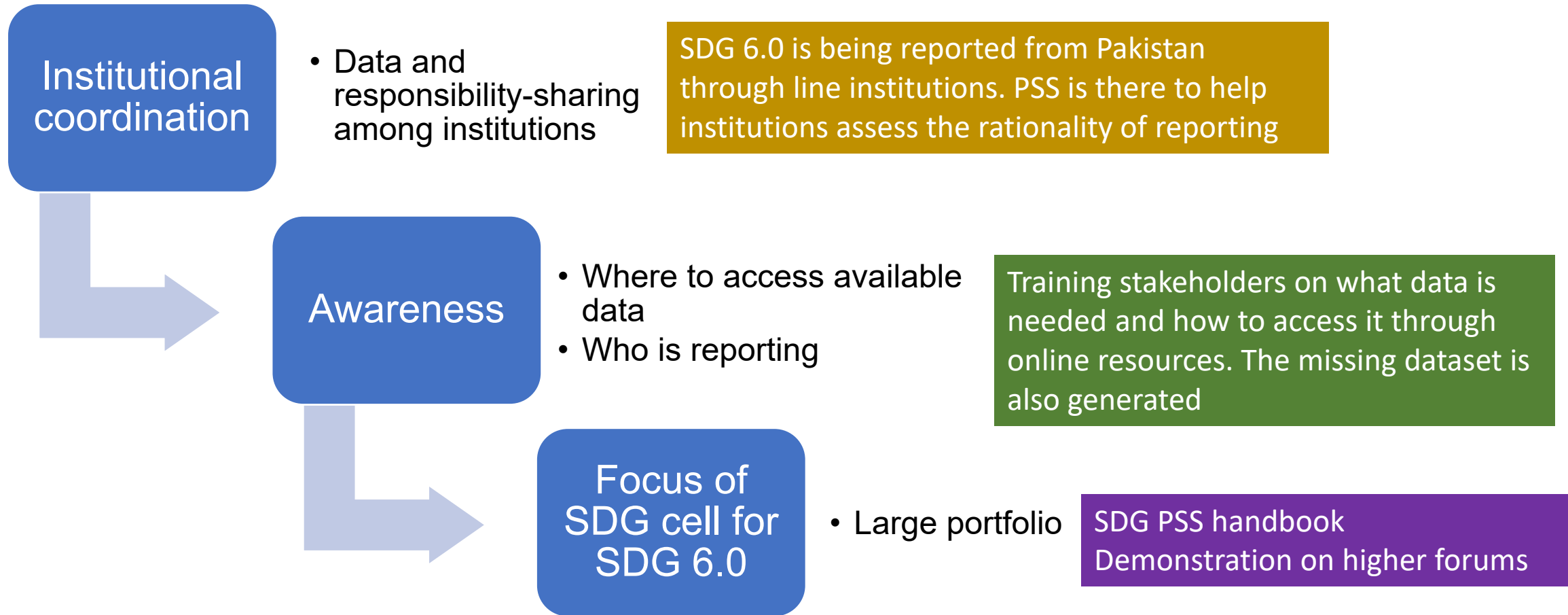
Developed
in-house
capacity

Provincial
workshops
(66
persons)

Interaction



Data collection and processing challenge



Facts of SDG 6.0 status

SDG 6.3.1. No final data exist/reported

SDG 6.4.1. 95% of freshwater is consumed in agriculture, therefore GDP value-added/m³ = 2\$

SDG 6.4.2. Fresh water withdrawal/available resources= 118%

SDG 6.5.1. Improved from 50 to 56 during 2017-2020

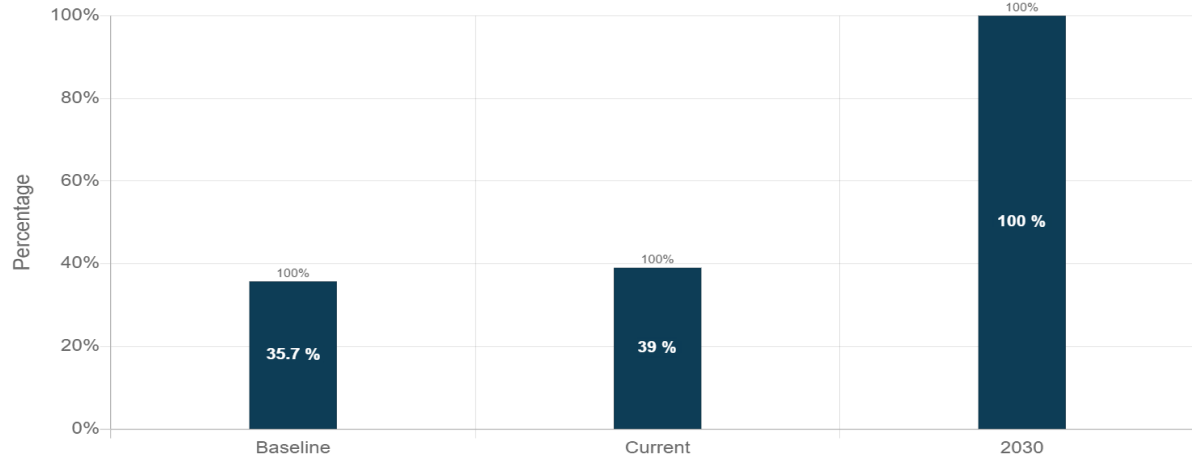
SDG 6.5.2. Status to remain static at 47%

SDG 6.6. 33% of extent of fresh water bodies/lakes is gained

SDG 6.a.1 ODA and government funding increased in Water, Sanitation and Agriculture sectors

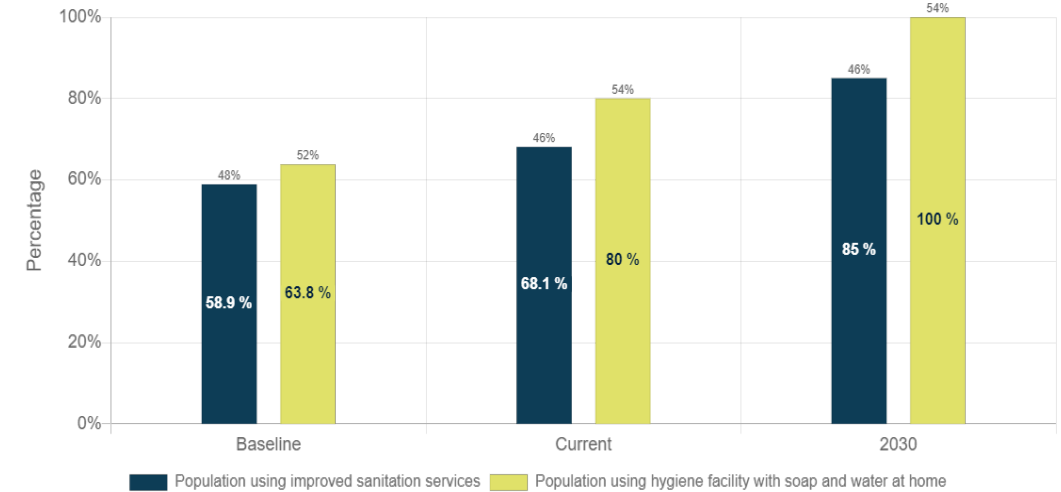
SDG 6.0 reporting with PCRWR assistance

6.1.1 Proportion of population using safely managed drinking water services

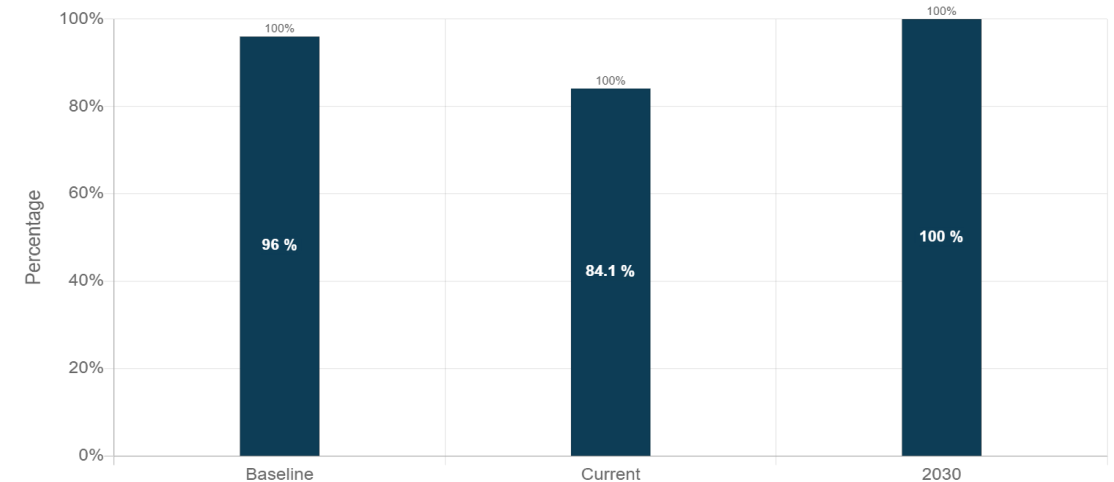


- Climate Change
- Land use/land cover changes
- Role of Agriculture
- Natural Disaster
- Population rise

6.2.1 Proportion of population using safely managed sanitation services

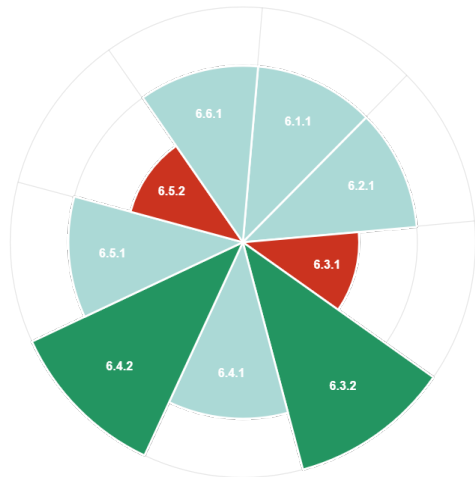


6.3.2 Proportion of water bodies with good ambient water quality

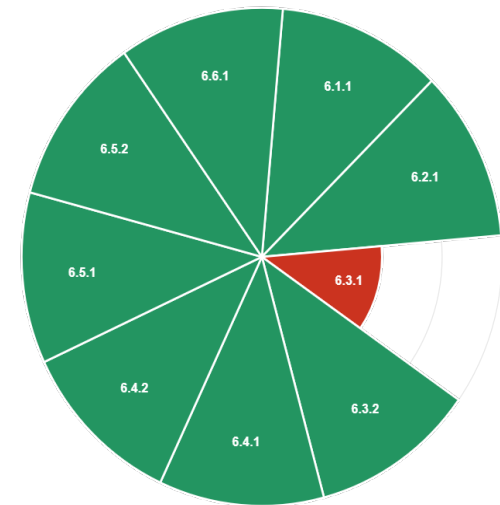


Status of enabling elements as per PSS

Lead Ministries/Institutions on track to build critical capacity to support action plans for SDG 6 indicators



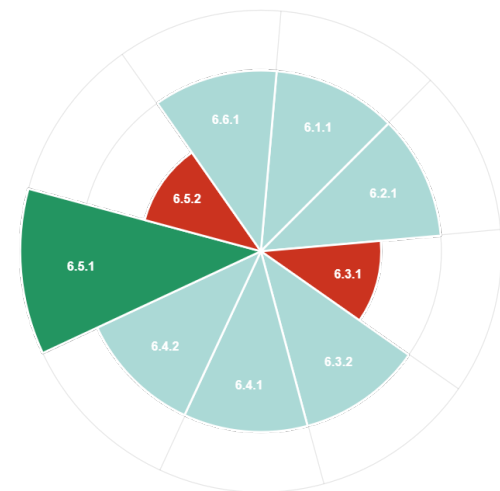
Securing different funding sources to support national policies and implementation for SDG 6 indicators



Mechanisms addressing capacity building at the national level for SDG 6 indicators

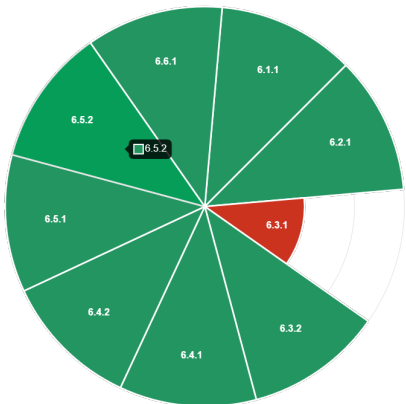


Mechanisms for including civil society in the financial planning process for SDG 6 indicators

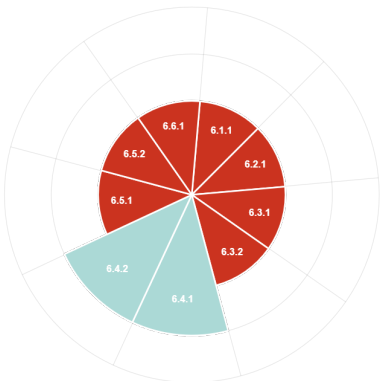


Status of enabling elements as per PSS

National policies and implementation plans for SDG 6 indicators



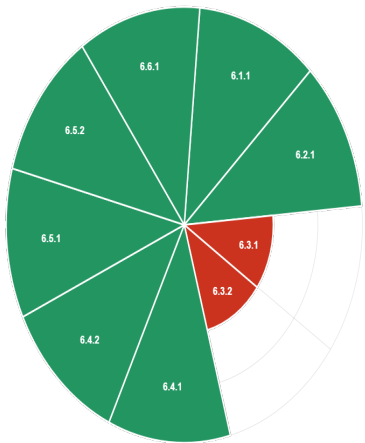
Cooperation with private sector to achieve SDG 6 indicators



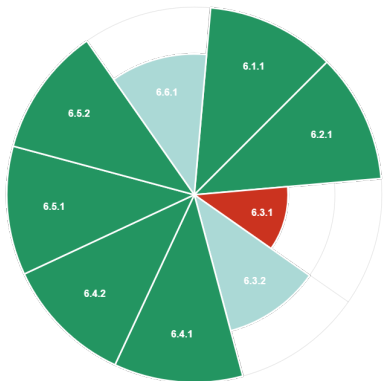
Key Learning

- All line organizations are reporting to UN-water regarding SDG 6.0 for Pakistan
- PSS delineates key gaps to be filled with further discussion among stakeholders
- Advisory role of PCRWR to bridge the gap

Mechanisms to reach specific population groups for SDG 6 indicators



Level of cooperation and exchange of information with other countries for SDG 6 indicators



PCRWR's Initiatives: Filling the knowledge gap

Policy

- IWRM implementation guidelines-UNESCO
- Review of all key policies

Monitoring

- Undertaken monitoring and compiled the first report for SDG 6.1.1, 6.3.2, 6 (a&b)

Public Awareness

- Pakistan Water Week
- Youth competitions
- Youth Capacity building

The way forward

Challenge

- No technological challenge in the use

Impact

- An understanding of SDG 6.0
- Perpetual initiatives of PCRWR for filling policy and data gap

Suggestion

- Promotion of PSS use through the UNDP platform for generating an ownership by SDG cell

What PCRWR can offer as a hub country?

Capacity building in understanding of SDG 6 & PSS

Review policies

Development of monitoring mechanism

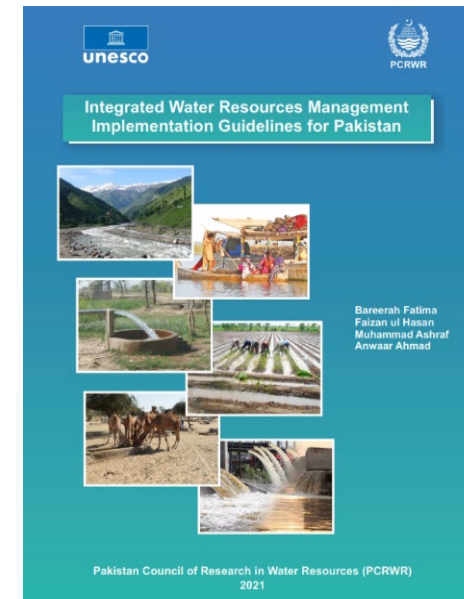
Thank You

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[Accelerating-the-Implementation-of-Water-Related-SDGs-in-Pakistan 2022.pdf](#)
(pcrwr.gov.pk)



[IWRM Report \(1-9-2021\).cdr](#) (pcrwr.gov.pk)