





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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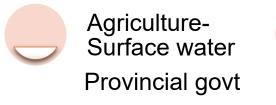
November 23, 2022, Daegu, Republic of Korea

Complex Water Resources Sector of Pakistan

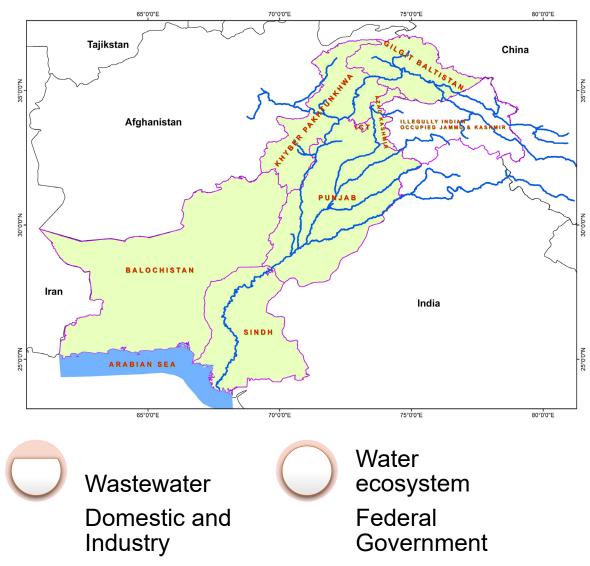
World's Largest Surface and Groundwater Resources

- •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







SDG 6.0-Institutions in Pakistan

SDG 6.1, 6.2, 6.3, 6.a &.b Ministry of Climate Change PCRWR for Water/Wastewater monitoring, training

A committee led by Ministry of Water Resources having representation from relevant departments is notified for reporting on SDG 6

elopment

SDG Cell

Valer Resources

6.6 MoCC, MoWR, Provincial departments PCRWR for research on efficient/equitable water use

PCRWR as policy advise

Office of Indus Water Commissioner

PCRWR as research organization

SDG PSS help in policy implementation

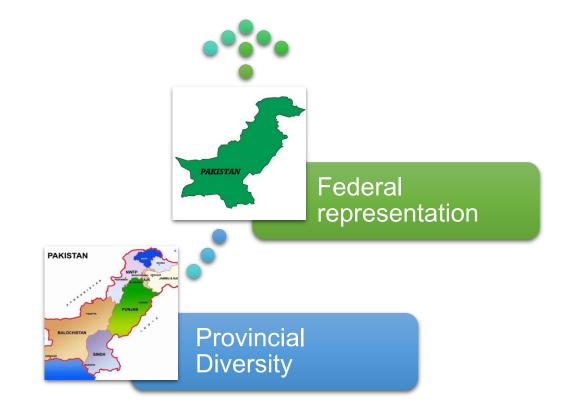


- A catalog of policies and their custodian institutions
- How well is the provincial government planning for SDG 6.0
- Development of SDG 6.0 understanding among stakeholders
- Helped stakeholder organizations to recognize/define their role in SDG 6.0
- Understanding of SDGs being country-led (no number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

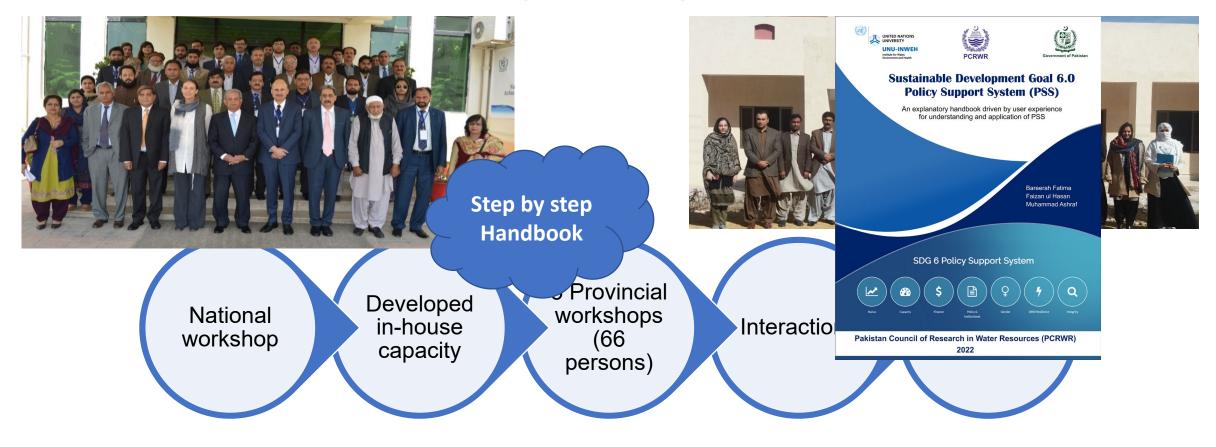
SDG PSS help in developing stronger coordination

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

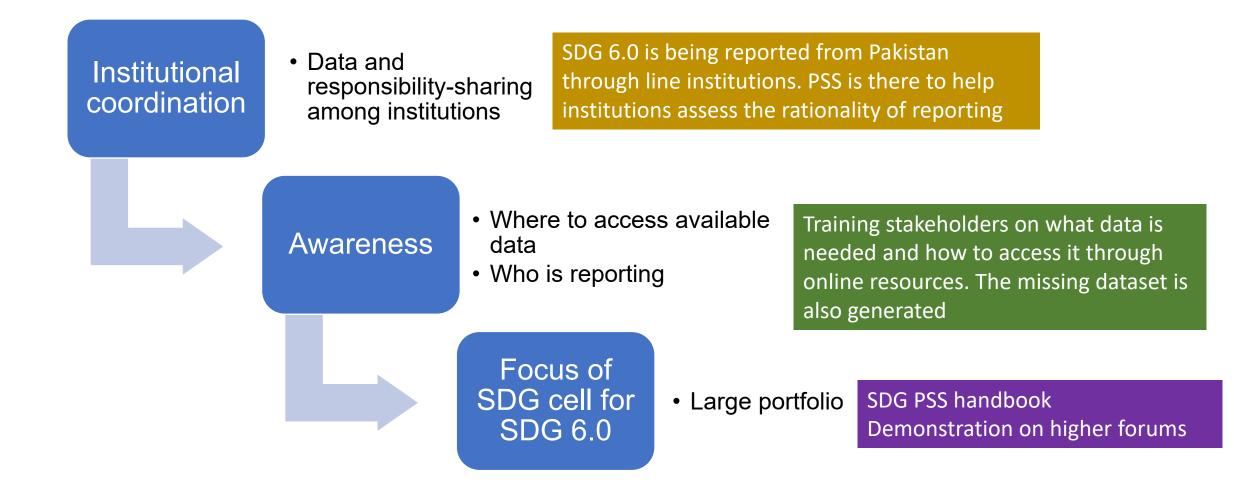


Coordination development process





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%

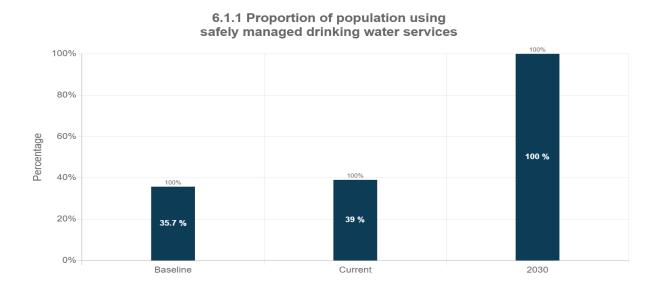
SDG 6.5.1. Improved from 50 to 56 during 2017-2020

SDG 6.5.2. Status to remain static at 47%

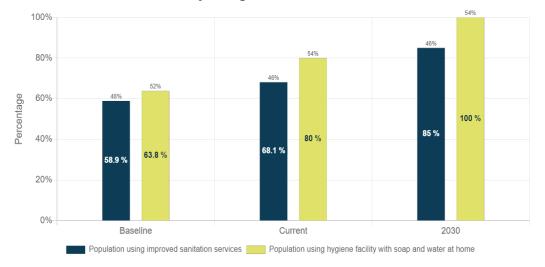
SDG 6.6. 33% of extent of fresh water bodies/lakes is gained

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

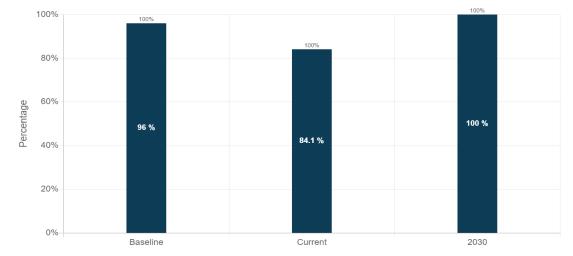
SDG 6.0 reporting with PCRWR assistance



6.2.1 Proportion of population using safely managed sanitation services



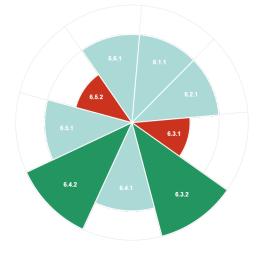
6.3.2 Proportion of water bodies with good ambient water quality



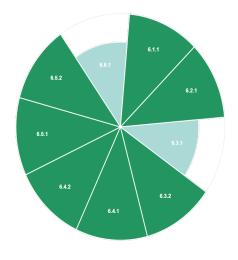
- Climate Change
- Land use/land cover changes
- Role of Agriculture
- Natural Disaster
- Population rise

Status of enabling elements as per PSS

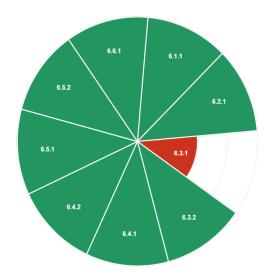
Lead Ministries/Institutions on track to build critical capacity to support action plans for SDG 6 indicators



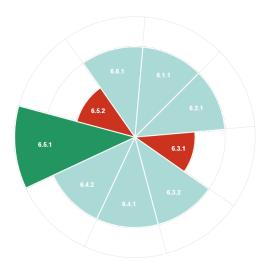
Mechanisms addressing capacity building at the national level for SDG 6 indicators



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

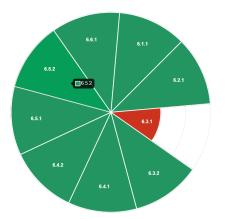


Mechanisms for including civil society in the financial planning process for SDG 6 indicators

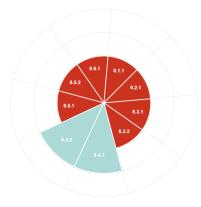


Status of enabling elements as per PSS

National policies and implementation plans for SDG 6 indicators



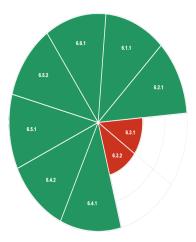
Cooperation with private sector to achieve SDG 6 indicators



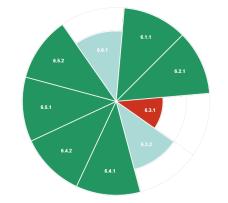
Key Learning

- 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





evel 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 complied 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

Visit us: <u>www.pcrwr.gov.pk</u> Email: <u>breerahftm@gmail.com</u>, faizan_ul_hasan@hotmail.com

Accelerating the Implementation of Water-related SDGs in Pakistan

Bridging the evidence gap with the SDG-PSS

The SDG & Policy Support System (SDG-PSS) – the main output of the project – was jointly developed by water experts and policymakers from partnering resilutions, including the Pakistan Council of Research In Water Resources, to help create evidence on the enabling environment of SDG & at the national level in countries with limited or missing data.

This loo limits to halo countries produce evidence on SDG 6 systematically. It is made up of size focial component – Capacity Assessment, Foreixo Assessment, Policy and Individuosal Assessment, Gender Mainstraming, Disaster Risk Reduction and Realience, and Integrity Assessment – to acquire oritical dimension of the enabling onvortement of SDG A. Coxes to the online SDC-PSS in English, Franci, Spanish, Portuguese, and Korean is free and can be accessed online to the link-first/sufgess.null

Implementation of SDG-PSS in Pakistan

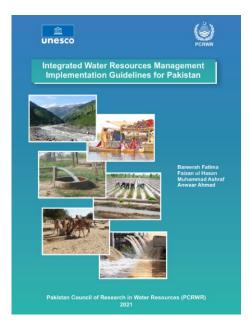
Pakistan was the first country to alxed the 2030 Sustainable Development Agenda in a unanimous parliamentary mouton, followed by the adoption of the country's long-bare development readmap – Pakistan 2025, One Nation - One vision – closely aligned with SDG largets, Provinces wore empowered to also the implementation of SDG is in Pakistan – espocially these mitiated to social sectors. Localization and ownership of SDGs at the lowest administrative ter were constituine demonstrated pekisiants automated evelopment anterlay.

In this context of important discussions at the autional and providal level, water experts and objectivations in free hashace jupred the - risk prisos (2017-2016) of the project to address the oreation of atrinog enabling environment for the achievement of SDG 6 in the country. The national discussion (H - 150 - 170 - 11) antibated approxed provide sciences interfreeingo enheres SDG matterial profiles through the times of the tool. As a next of local ownenhip expression for SDGs, national profiles through the times of the tool. As a next of local ownenhip expression for SDGs, particular sciences and address through the times of the tool. As a next of local ownenhip expression for SDGs, particular sciences and address through the times of the tool. As a next of local ownenhip expression for SDGs, particular sciences and address through the times of the tool. As a next of local ownenhip expression for SDGs, particular sciences and the sciences and the sciences and the sciences and the science and the science and the science and the sciences and the science and the sciences and the science and t

In the second phase (2019-2020), Pakistan shared its experience with the implementation of SDG-PSS as Regional Hub in Asia region. Experts from Armenia, Bangladesh, Cambodia, Iran,

<u>Accelerating-the-Implementation-of-Water-</u> <u>Related-SDGs-in-Pakistan_2022.pdf</u> (pcrwr.gov.pk)





IWRM Report (1-9-2021).cdr (pcrwr.gov.pk)