



SECOND SAHF EXECUTIVE COUNCIL MEETING

19-20 SEPTEMBER 2022, BANGKOK, THAILAND

**Progress, challenges,
opportunities and way forward**

G Srinivasan, RIMES



EUROPEAN UNION



GFDRR
Global Facility for Disaster Reduction and Recovery



Foreign, Commonwealth
& Development Office

South Asia Regional Cooperation to Strengthen HydroMet Service Delivery - SAHF

SAARC SMRC - South Asian Association for Regional Cooperation

WMO RA II

BIMSTEC - Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation

RSMC, New Delhi - TC warnings
RCC, IMD, Pune - SASCOFs

MONEX
STORM

---- *others*

SWFP - South Asian WMO Severe Weather Forecasting Programme

2018 Geneva/2019, Kathmandu

SAHF - World Bank, WMO and development partners

~2021-2022 (> Dec 2020)

SAHF - World Bank & RIMES

A PROGRAM TO SUPPORT SOUTH ASIA REGIONAL DEVELOPMENT IN OPERATIONAL FORECASTING AND SERVICE DELIVERY

- OBSERVATIONAL NETWORKS (ON)
- NUMERICAL WEATHER PREDICTION (NWP)
- IMPACT BASED FORECASTING (IBF)
- CAPACITY ENHANCEMENT (CE)

Challenges

- *entirely remote start*
- *Significant % of total budget yet to released*

Future

Sustenance beyond its current phase

Involving a wider group of stakeholders - sector agencies, private sector and R&D institution

Leveraging funding opportunities viz. Green Climate Fund (GCF), Systematic Observations Financing Facility (SOFF) UN Multi-partner Trust Fund

Global and regional partnerships

Innovative approach for the region

Knowledge Sharing

development and provision of weather, climate and hydrological services

Regional Study

to strengthen key elements of the hydrometeorological service value chain

South Asia Regional Development

Operational Forecasting and Service Delivery

Training Framework

weather forecasting & service delivery including

Regional Information Portal

Effective exchange of information & real-time communications

among members

Establishing the SAHF Process

SAHF Annual Sessions

Range of topics linked to HydroMet Services value-chain discussed

- SAHF III Session held in Nov 2022
- preceded by Webinar series on 3 topics

SAHF Executive Council (EC)

April 2021 first meeting - Created with DGs/Director's of NMHSs from the the nine South Asian countries as Members.

SAHF Working Groups (WGs)

Considering priorities emerging from SAHF annual sessions

Established four WGs on thematic areas Observational Networks, Numerical Weather Prediction, Impact Based Forecasting and Capacity Enhancement (working since Apr 2021)

Working Papers (WPs)

Describing approaches for regional synergy considering national priorities

With consultations and inputs from WG Members - Regional approach based on the 4 thematic WPs have been finalized for consideration

SAHF EC

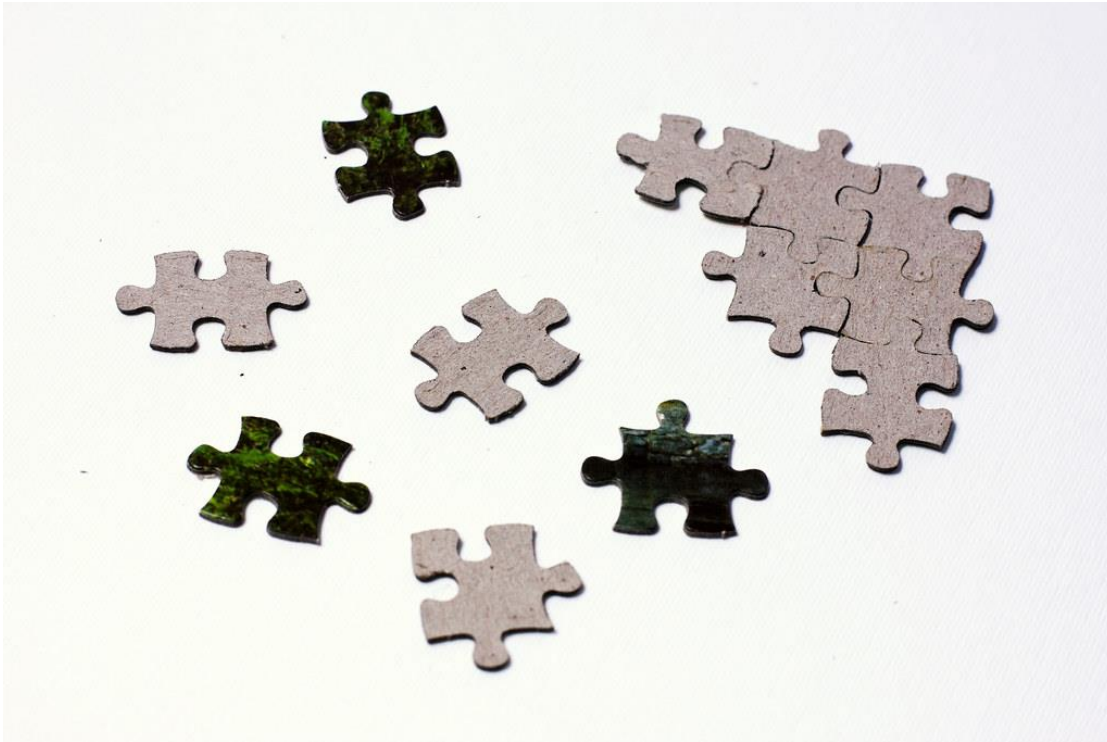
Endorsement Implementation & review

Sept 19-20, 2022, 2nd meeting (first in-person meeting/hybrid with remote participation)

SAHF Activities

- ▶ A Regional approach developed based on the Working Papers prepared on the four thematic areas - ON, NWP, IBF and CE
- ▶ SAHF Knowledge-hub with DataEx component has been developed & access made available to all Members- *to be launched during this SAHF EC Session*
- ▶ SAHF Forecasters Forum being held regularly since April 2022 (31 Sessions) with the participation for operational forecasters from all the 9 NMHSs - a communication platform
- ▶ SAHF Training framework evolved for the region with one set of training modules at Basic, Middle and Advanced topics on IBF to be implemented within this year
- ▶ SAHF podcast series - David and Alice from the Bank's Team
- ▶ Details to be presented in the following sessions

Crucial role of SAHF

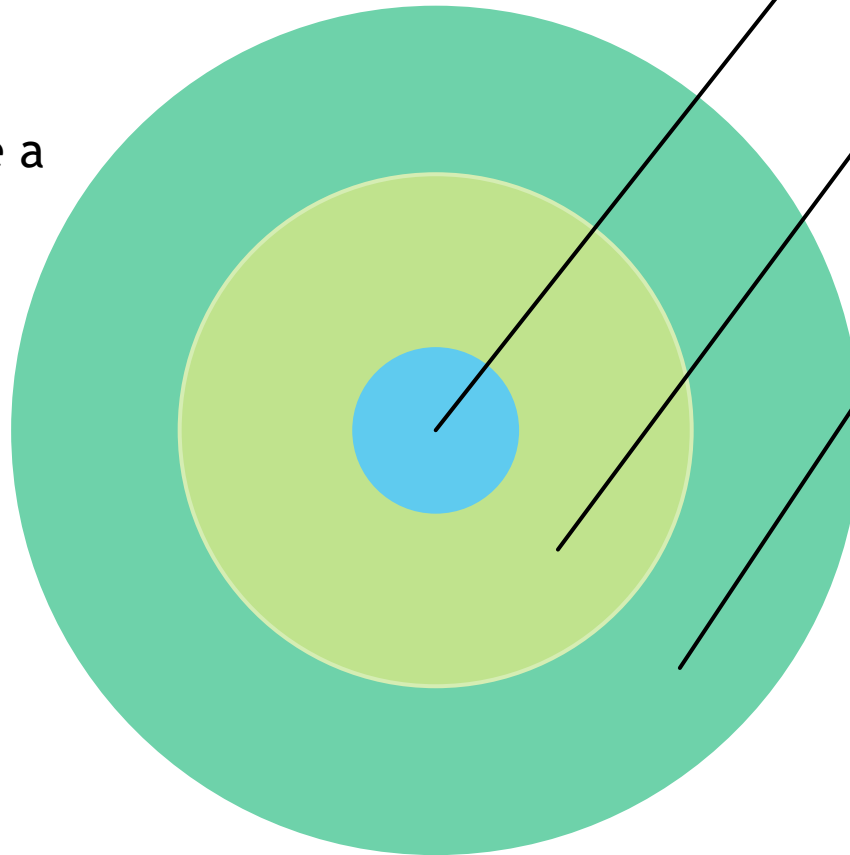


- A varied and large number of ongoing projects - *diverse and wide-range of stakeholders*
- Increasing risks from extremes - *2022 SW Monsoon season*

- *Bring a regional synergy in Hydromet activities for strengthening services to reduce risks and optimize opportunities linked to weather and climate;*
- *Regional actions - result in better return of investment*

Enhancing collaboration and participation to Strengthening Services

Progressively involve a wide range of stakeholders
SAHF's "widening circles of inclusion, influence and synergy"



NMHSs, Sector agencies of the Govt, Development partners, communities

Private sector entities, R&D institutions, professional associations

Citizen science initiatives, NGOs supporting communities, crowdsourced observational networks

SAHF Challenges

there are several as listed in the opening slide under future, but one that is paramount is...

Institutional Anchor !!



Thanks

*to all SAHF WG
Members, colleagues at
NMHSs & EC Members
RIMES & WBG Teams*

SOUTH ASIA HYDROMET FORUM

**PROGRAM TO SUPPORT SOUTH ASIA REGIONAL DEVELOPMENT IN
OPERATIONAL FORECASTING AND SERVICE DELIVERY**

