

3rd Regional Workshop of CARE Component 1:
Regional Sectoral Focal Points Meeting

24 February 2025

IMPLEMENTATION PROGRESS: SOUTH ASIA HYDROMET FORUM (SAHF)

Presented by

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AGENDA

- SAHF Activities Under CARE Component 1
- Progress and Achievements
- Sustainability and Way forward
- Discussion

SAHF ACTIVITIES UNDER CARE COMPONENT 1

Iterative support for the enhancement of hydromet services

SAHF Annual Conferences

Facilitating the continuity of Forecasters' Forum (FForum)

Facilitating strategic plans and decisions for the SAHF

Supporting priority areas of the hydromet service delivery

- SAHF Working Group (WG) Activities
- SAHF Knowledge Hub (SKHub)/DataEx Platform
- Annual Assessment of NMHSs
- SAHF Trainings/Workshops

PROGRESS AND ACHIEVEMENT

SAHF ANNUAL CONFERENCE



The South Asia Hydromet Forum IV (SAHF IV)

Supported by the World Bank, UKMO, RIMES, WMO, and FCDO

February 6 to 8, 2024, Colombo, Sri Lanka

01

KEY RECOMMENDATIONS FROM SAHF IV

1

User-Centric Approaches To Hydromet Services, Involving Multisectoral Stakeholders

2

Open Data Policies to Foster Innovation, Research and Data Sharing in the Region

3

Establishment of CoPs to facilitate data sharing, regional collaboration and exchange of expertise

4

Development of IBF toolkit to support the design, development and implementation of IBFEWS in SA

5

Establishment of Climate Services Working Group

WORKING GROUP MEETINGS/CONSULTATIONS



Hydrology Working Group (WG) held its initiation meeting

23 April 2024, Virtual

01



IBF WG Meeting

organized alongside the Regional workshop for FForum Expanded Service Support

31 July 2024, Bangkok, Thailand

02



Online Consultation on SAHF Climate Services

04 December 2024, Virtual

03

TRAININGS AND WORKSHOPS



The Training on Customization of Ocean Forecast Products

Jointly organized with INCOIS, 20-24 May 2024, Hyderabad, India

01



SAHF DataEx platform and ECMWF Data Extraction Orientation

24 June 2024, Virtual

02



The Regional Training Workshop for SAHF FForum Expanded Service Support

29-30 July 2024, Bangkok, Thailand

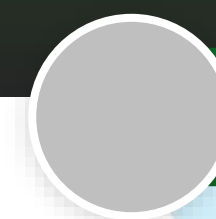
03



The Training on Forecast Interpretation and Verification

Jointly organized with NCMRWF, 23-27 September 2024, Noida, India

04



Planning Workshop on IBF and CS

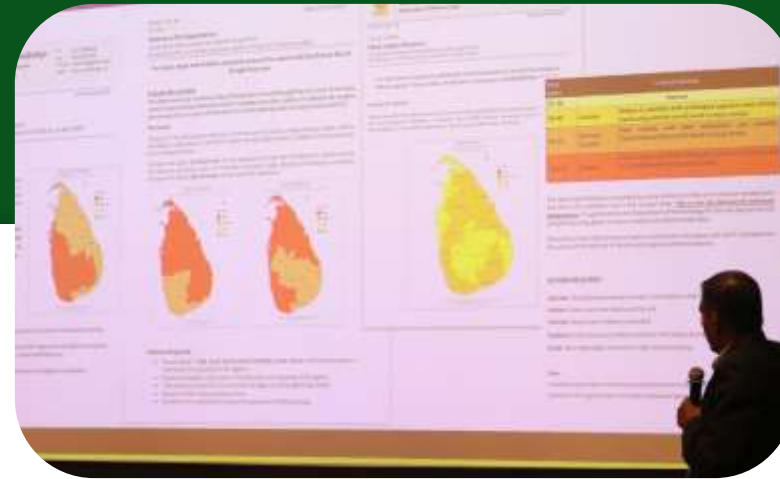
Jointly organized with UKMO, 21-24 January 2025, Bangkok, Thailand

05

“The SAHF trainings and workshops have led to



Practical skill development in prioritized SAHF thematic areas, improving decision-making and service delivery.



Knowledge sharing and collaboration among NMHSs in SA, strengthening regional coordination and collective response to weather-related challenges.



Improved institutional capacity, enabling participants to leverage advanced forecasting tools and data platforms..

FORECASTERS' FORUM (FFORUM)

158

Total Sessions

98

**Sessions Since
April 2023**

4

**FForum Special
Session**

1

Lecture Series

FORECASTERS' FORUM (FFORUM)

Review of the Southwest Monsoon 2023

25 January 2024, Virtual

Lecture Series on ENSO, Ocean Warming and Monsoon

22 February 2024, Virtual

Special Session to address Cyclonic Storm "REMAL" and its impact on the monsoon season

27 May 2024, Virtual

The Regional Training Workshop for SAHF FForum Expanded Service Support

29-30 July 2024, Bangkok, Thailand

A Special Lecture on the Mid-season Review of the Southwest Monsoon 2024

22 August 2024, Virtual

Annual Review of the SAHF FForum

October 2024, Virtual

01

02

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06

“SAHF member countries actively participate in the weekly SAHF FForum and derive substantial benefits, noting that

1



The FForum is highly effective in improving operational forecasting and enhancing regional preparedness for extreme weather events in South Asia

2



Recognized as a platform for staying updated on advanced tools and international best practices in forecasting

3



Participants recognize the FForum's relevance, coherence, and impact on institutional practices

4



Participants value the opportunity to share knowledge on forecasting tools and regional weather patterns

ANNUAL ASSESSMENT OF NMHSS



The SAHF Annual Assessment of National Hydrological and Meteorological Services (NMHS) for Pakistan

29 November 2024, Islamabad,
Pakistan

01

KEY TAKEAWAYS FROM ASSESSMENT

1



Gap in policy and defining the role of PMD and other departments /ministries

2



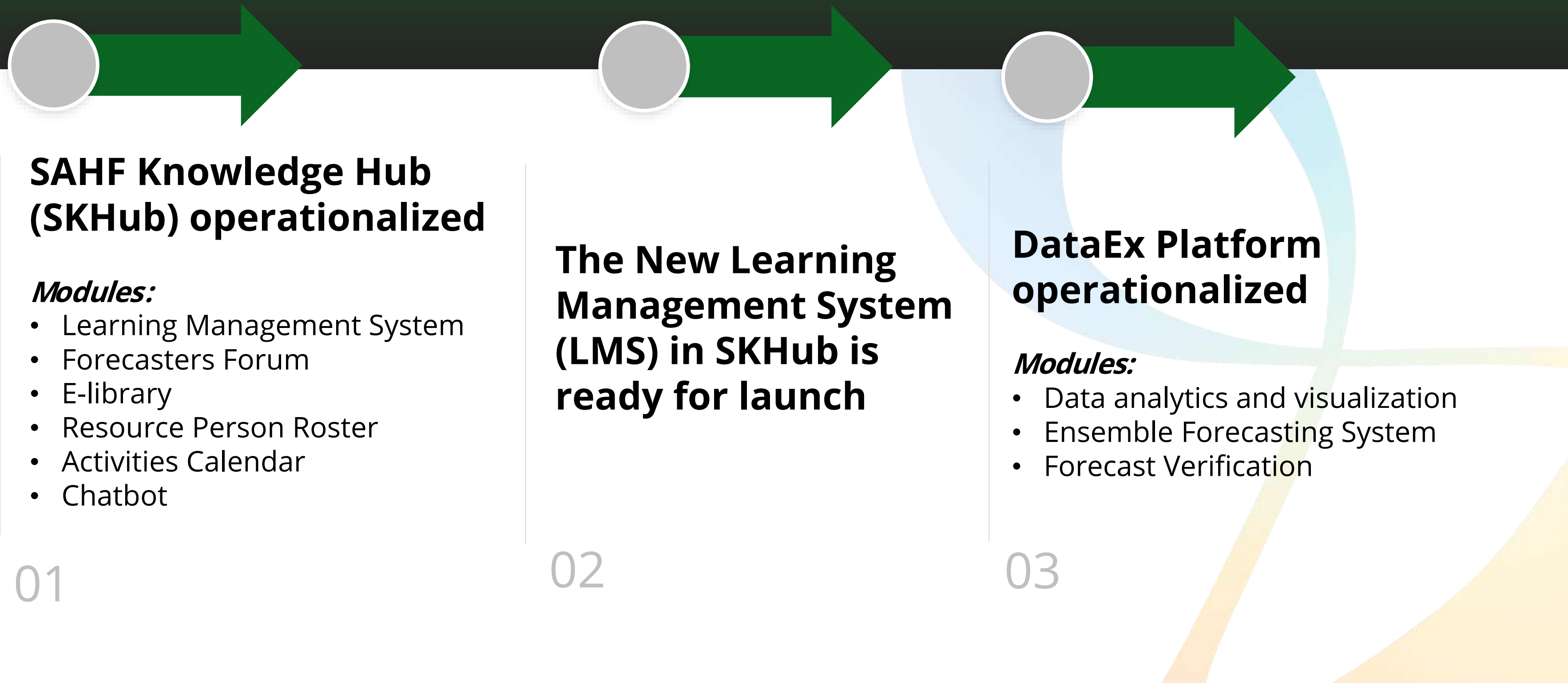
Enhancements required for feedback mechanisms for overall service improvement

3



Integration of PMD products and services towards the user sector

SAHF KNOWLEDGE HUB & DATAEX PLATFORM



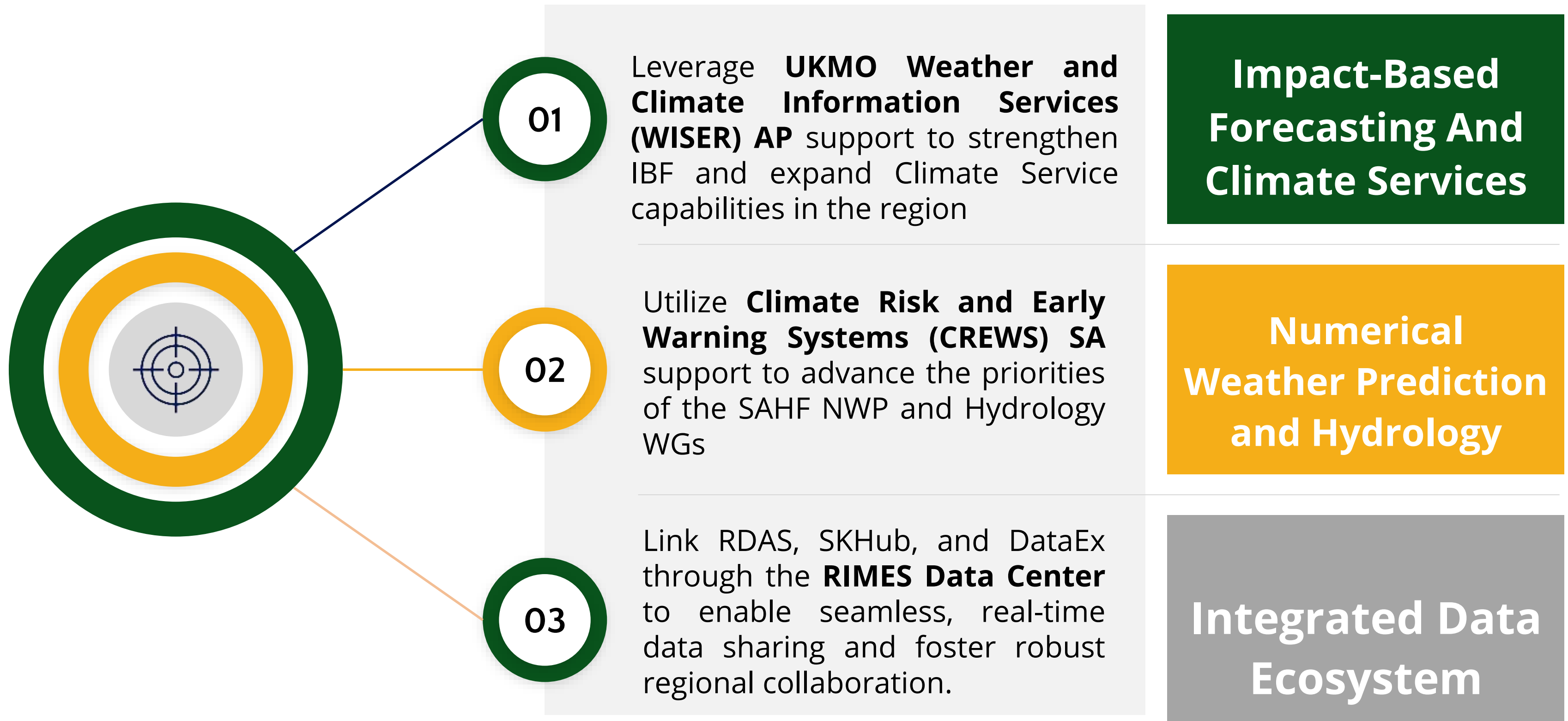
The SKHub & DataEx Platform have enabled member countries to build technical expertise, improve forecasting capabilities, strengthen data-driven decision-making through

collaboration among hydromet agencies, promoting the exchange of expertise, data, and best practices to improve collective responses to climate challenges.

access to advanced forecasting tools, data analytics, and learning resources empowering institutions to make informed, evidence-based decisions

SUSTAINABILITY AND WAY FORWARD

PARTNERSHIPS AND COLLABORATIONS



1

WAY FORWARD FOR STRENGTHENING SAHF MECHANISM

2

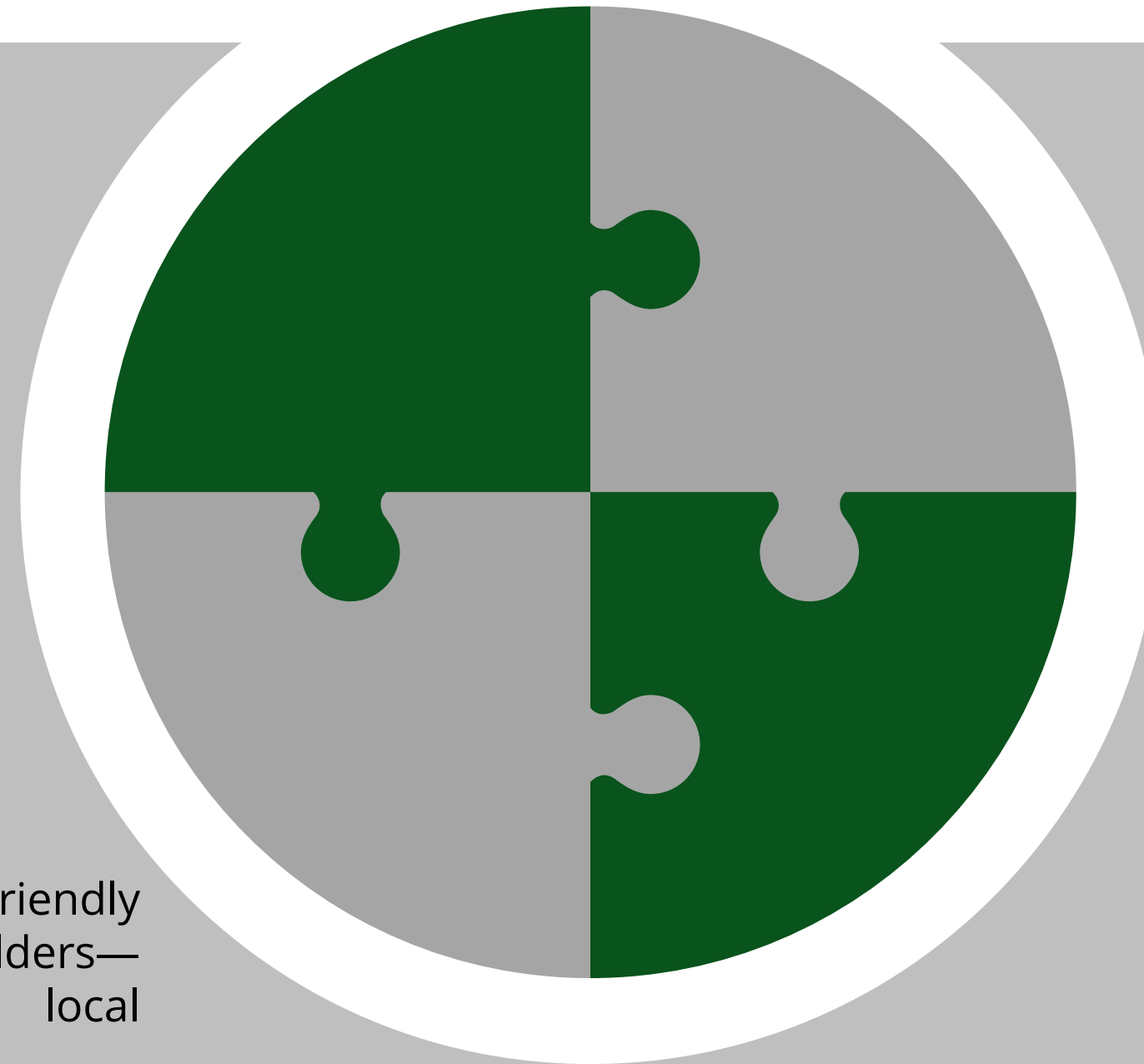
Advance Capacity Building Initiatives

Explore mechanisms to take forward the capacity building activities identified in the SAHF Working Papers.

Strengthen Communication & Outreach

Create targeted messaging and user-friendly resources to engage diverse stakeholders—policymakers, practitioners, and local communities.

Expand digital presence (e.g., newsletters, social media, webinars) to increase awareness of SAHF initiatives



Establish Communities of Practice (CoPs):

Create forums and networks for practitioners, experts and decision makers to share experiences, best practices, and challenges, thereby fostering collaboration and mutual learning among NMHSs and partner organizations.

Integrate MEL (Monitoring, Evaluation, and Learning) Systems

Adopt MEL frameworks to enhance SAHF's operational efficiency and strategic impact.

4

3



THANK YOU

CARE for South Asia Project, Component 1

*Contributing to an enabling environment for climate-resilient policies
and investments for select sectors in South Asia*

[www. careforsouthasia. info](http://www.careforsouthasia.info)