

 Enabling stakeholders to use the RDAS, DSSs, and their products

• enhancing capacities of NMHSs

Capacity Building and SAHF

1,865 government officials trained

98 Forecasters' Forum completed

SKHub

RDAS

200+ datasets4 analytics tools3 predictive tools

DSSs

8 DSS

1 set of tools to support an existing DSS

> digital analytical tools to dynamically generate climateinformed decision guidance products for various decision makers

> > 🔌 🛒 🏡 🐋 🎫 🎇 .

global/regional/national/sub-

 tools for generating analytics and predictions for climate

national datasets

preparedness

Integration of sectoral and hydro-meteorological data: core of innovations and solutions development for climate resilience



exponential value of multidisciplinary data analysis



Tailor-made Services

Design, refinements, and delivery of early warning/risk information are driven by stakeholders feedback/requirements







1

Engagement and Demands

Facilitating receipt and application by stakeholders of early warning/risk information products, and articulation of feedback/demands





Data

Pioneering 1-Stop System for Data, Analytics Tools, and Predictive Systems













Climate and Wat

Stand-alone data that can be downloaded, and on which stakeholders can have a number of analysis either on its own or paired with other data.

In this panel, stakeholders can also upload their data, sector-wise, after quality checks.

understand Easy to time-series analyses of sectoral climate and datasets to identify patterns, and behaviour relationships between and sectoral climate parameters



Dynamic regional data repository for climate and

sectors

 About 228 climate and sectoral datasets/library of datasets available in RDAS

ANALYTICS 🚫

Analyses of time-series climate and sectoral datasets

- 4 analytics tools developed and operational
- Exceeding target of 3 tools





Analyses potential of impacts of anticipated weather/climate phenomena per assessment of historical sectoral impacts, forecast data, and other prevailing conditions



PREDICTIVE TOOLS

Predictive climate impacts tools

> • 3 predictive tools developed and operational

• Exceeding target of 2 tools

Global/regional data downscaled to national, provincial, and district levels and connected to DSSs, to readily support various DSSs analysis



Regional tools ready for national/sub-national customization DSSS

CLIMATE AND SECTORAL DATA



BANGLADESH

Cutomized tools provide iinovation perspectives for regional tools



MANAGEMENT



LIVESTOCK

PROPOSED/COMMITTED UNDER THE MOST RECENT RESTRUCTURING: ADVISORIES GENERATED FOR 30 DISTRICTS BY MAY 2025 National/Sub-national in-situ datasets assimmilated in RDAS for cutomizing tools

ADVISORIES GENERATED FOR 153 DISTRICTS AS OF TODAY

VALUE-ADDED MODULES





co-development process pursued with stakeholder institutions

DSS CO-DEVELOPMENT: Insitutional Engagement





Requirements and Feedback DATA



SYSTEM DEVELOPMENT





Technical Expertise

DSS Co-Development

Institutional **Ownership**

CAPACITY BUILDING



FEEDBACK AND INPUTS

> **Critical role of government** institutions in the codevelopment process





ONWARD CHALLENGES

Country institutions to be able to continuously modernize themselves 01 to assimmilate advances in science and technologies



Country institutions to be able to 02 coordinate harmoniously and share freely data for analyses

comprehensively collate these to their advantage

Readiness of government institutions to take forward the continuing process of tools development post-project





Country institutions to be able to 03 products of research and use

04



ONWARD CHALLENGES

• maximize current outcomes • realize long-term potential

Government Instituions

a

05

Donors

b

C

Technical/integrating engines



CONTINUOUS, OUT OF THE BOX INNOVATION: A MUST

HISTORY TELLS US THAT WE BENEFIT MOST FROM CONTINUOUS INNOVATIVE WORK, RESULTING TO DYNAMICALLY AND EXPONENTIALLY-ENHANCED PRODUCTS AND SERVICES



