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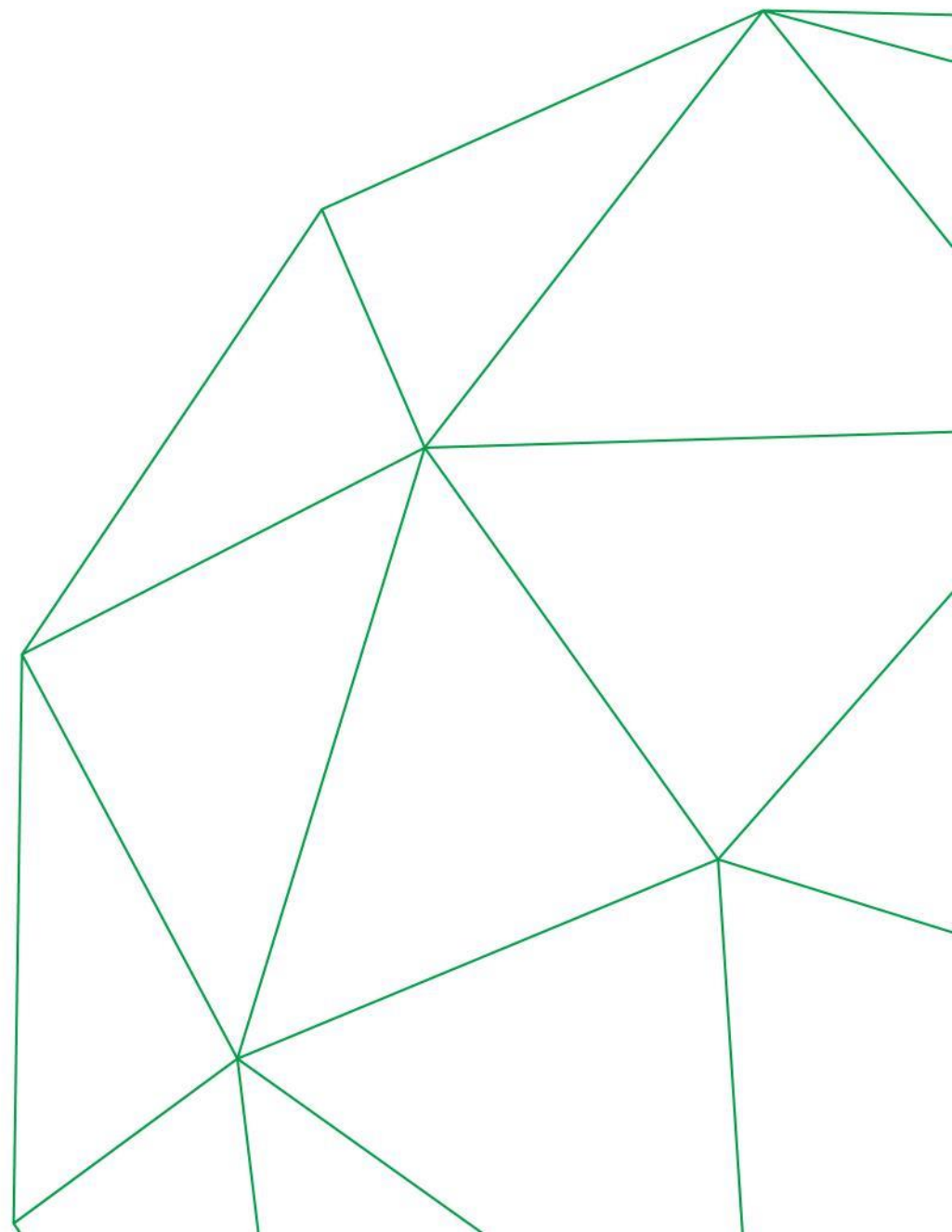
GLOBAL
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Ongoing collaborations and scale-up between CREWS and GCF projects

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13–15 September 2022
Incheon, Republic of Korea

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Projects

The following GCF projects promote the increased resilience of livelihoods of people, communities and regions at the risk of being ravaged by climate change.

warning

<p>SAP010 ADAPTATION</p> <p>PHILIPPINES</p> <p>Multi-Hazard Impact-Based Forecasting and Early Warning System for the Philippines</p>	<p>FP002 ADAPTATION</p> <p>MALAWI</p> <p>Scaling up the use of Modernized Climate Information and Early Warning Systems in Malawi</p>	<p>SAP022 ADAPTATION</p> <p>UZBEKISTAN</p> <p>Enhancing Multi-Hazard Early Warning System to increase resilience of vulnerable communities to climate induced hazards</p>
<p>FP068 ADAPTATION</p> <p>GEORGIA</p> <p>Scaling-up Multi-Hazard Early Warning System and the Use of Climate Information in Georgia</p>	<p>FP171 ADAPTATION</p> <p>TIMOR-LESTE</p> <p>Enhancing Early Warning Systems to build greater resilience to hydro-meteorological hazards in Timor-Leste</p>	<p>FP012 ADAPTATION</p> <p>MALI</p> <p>Africa Hydromet Program – Strengthening Climate Resilience in Sub-Saharan Africa: Mali Country Project</p>
<p>FP016 ADAPTATION</p> <p>SRI LANKA</p> <p>Strengthening the resilience of smallholder farmers in the Dry Zone to climate variability and extreme events through an integrated approach to water management</p>	<p>FP074 ADAPTATION</p> <p>BURKINA FASO</p> <p>Africa Hydromet Program – Strengthening Climate Resilience in Sub-Saharan Africa: Burkina Faso Country Project</p>	<p>FP075 ADAPTATION</p> <p>TAJIKISTAN</p> <p>Institutional Development of the State Agency for Hydrometeorology of Tajikistan</p>
<p>FP018 ADAPTATION</p> <p>PAKISTAN</p> <p>Scaling-up of Glacial Lake Outburst Flood (GLOF) risk reduction in Northern Pakistan</p>	<p>FP161 ADAPTATION</p> <p>MULTIPLE COUNTRIES</p> <p>Building Regional Resilience through Strengthened Meteorological, Hydrological and Climate Services in the Indian Ocean Commission (IOC) Member</p>	<p>FP165 ADAPTATION</p> <p>MALEDIVES</p> <p>Building Climate Resilient Satter Islands in the Maldives</p>
<p>FP145 ADAPTATION</p> <p>GUATEMALA</p> <p>RELIVE – Resilient LIVelihoods of vulnerable smallholder farmers in the Mayan landscapes and the Dry Corridor of Guatemala</p>	<p>FP066 ADAPTATION</p> <p>MARSHALL ISLANDS</p> <p>Pacific Resilience Project Phase II for RMI</p>	<p>FP184 ADAPTATION</p> <p>VANUATU</p> <p>Vanuatu community-based climate resilience project (VCCRP)</p>
<p>FP147 ADAPTATION</p> <p>MULTIPLE COUNTRIES</p> <p>Enhancing Climate Information and Knowledge Services for resilience in Island countries of the Pacific Ocean</p>	<p>FP056 ADAPTATION</p> <p>COLOMBIA</p> <p>Scaling up climate resilient water management practices for vulnerable communities in La Mojaca</p>	<p>FP034 ADAPTATION</p> <p>UGANDA</p> <p>Building Resilient Communities, Wetland Ecosystems and Associated Catchments in Uganda</p>

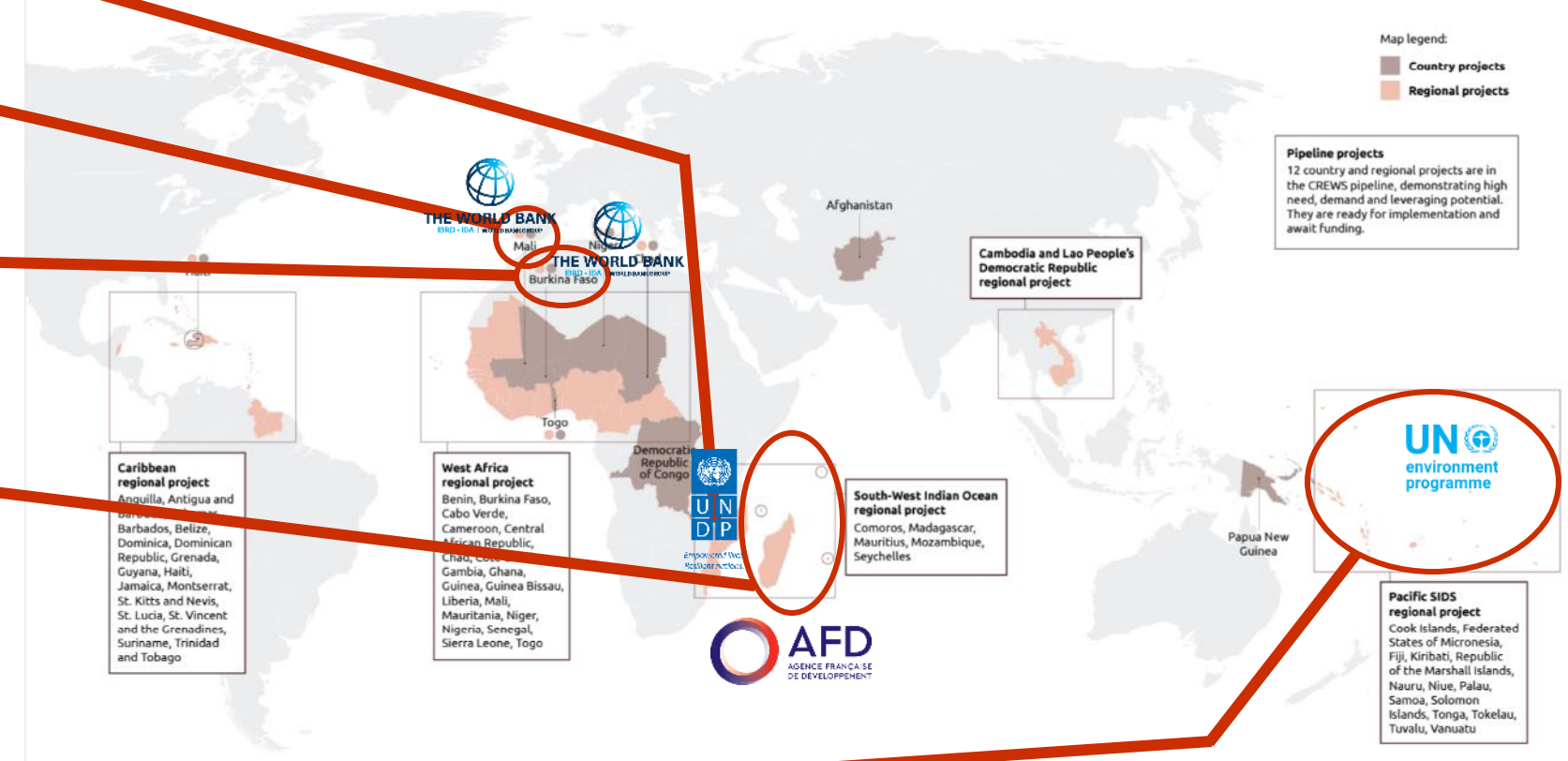
SYNERGIES - Examples



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CREWS Initiative in action



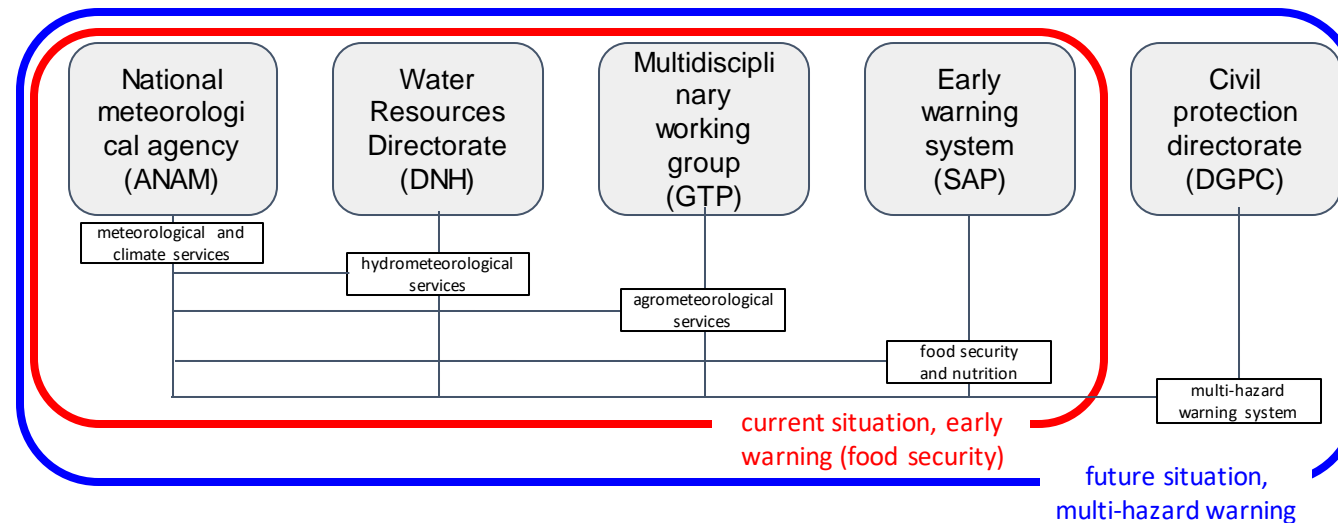
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Burkina Faso

CREWS demonstrated socio-economic benefits of enhanced CIEWS in rural pilot sites

GCF is scaling up the approach, strengthening 5 institutions involved in EWS and also expanding support to urban areas

Mali



LOCUST



DROUGHT



RIVERINE FLOODING



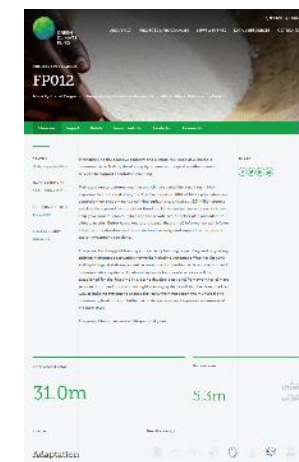
HEATWAVES



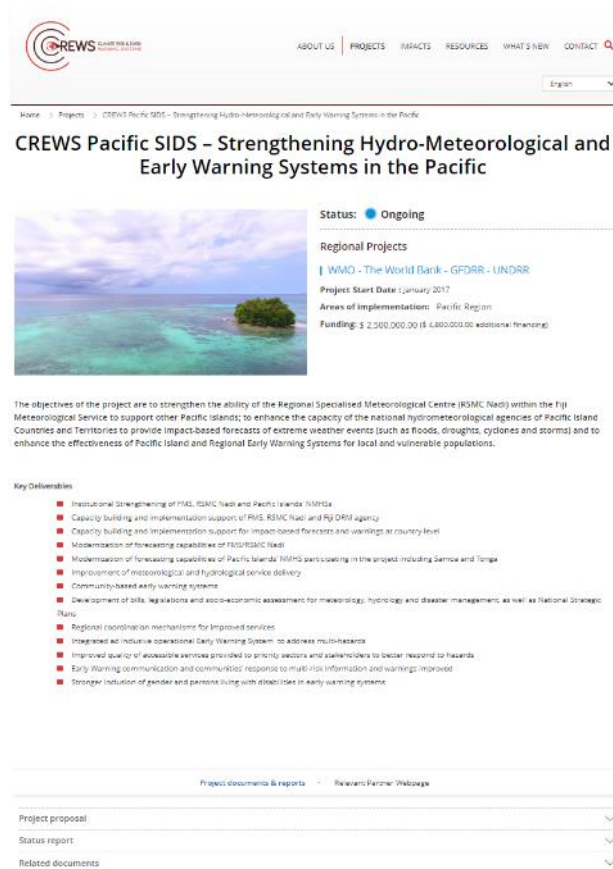
FLASH FLOODING



SAND & DUST STORMS



Pacific



CREWS Pacific SIDS – Strengthening Hydro-Meteorological and Early Warning Systems in the Pacific

Status: ● Ongoing

Regional Projects

WMO - The World Bank - GFDRR - UNDRR

Project Start Date: January 2017

Areas of Implementation: Pacific Region

Funding: \$ 2,500,000.00 (\$ 1,800,000.00 additional financing)

The objectives of the project are to strengthen the ability of the Regional Specialised Meteorological Centre (RSMC Nadi) within the Fiji Meteorological Service to support other Pacific Islands; to enhance the capacity of the national hydrometeorological agencies of Pacific Island Countries and Territories to provide impact-based forecasts of extreme weather events (such as floods, droughts, cyclones and storms) and to enhance the effectiveness of Pacific Island and Regional Early Warning Systems for local and vulnerable populations.

Key Deliverables

- Institutional strengthening of RSMC Nadi and Pacific Islands NMDS
- Capacity building and implementation support of RSMC Nadi and RSDR agency
- Capacity building and implementation support for impact-based forecasts and warnings at country level
- Modernisation of forecasting capabilities of RSMC Nadi
- Modernisation of forecasting capabilities of Pacific Islands NMDS participating in the project including Service and Tonga
- Improvement of meteorological and hydrological service delivery
- Community-based early warning systems
- Development of risk, regulations and socio-economic assessment for meteorology, hydrology and disaster management, as well as National Strategic Plans
- Regional coordination mechanisms for improved services
- Integrated and inclusive operational Early Warning System to address multi-hazards
- Improved quality of available services provided to priority sectors and stakeholders to better respond to hazards
- Early warning communication and community response to multi-risk information and warnings improved
- Stronger inclusion of gender and persons living with disabilities in early warning systems

Project documents & reports | Relevant Partner Webpage

Project proposal v

Status report v

Related documents v

14 countries

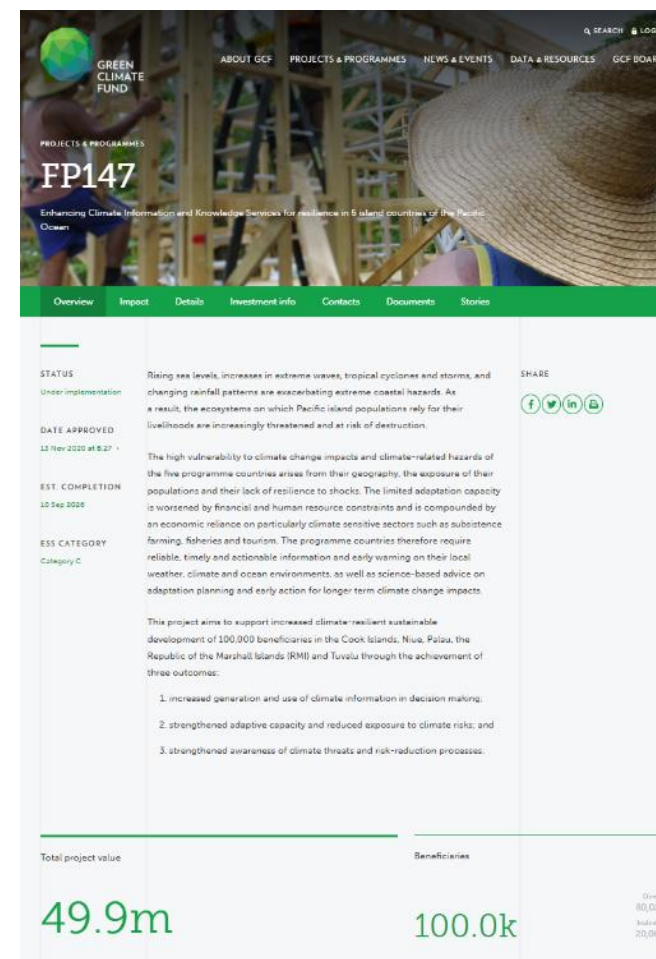
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CREWS supports Regional Specialised Centres and mobilizes technical assistance and expertise critical to ensure optimal use of investment financing made available by WB, GCF, AF



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FP147

Enhancing Climate Information and Knowledge Services for resilience in 5 island countries of the Pacific Ocean

Overview | Impact | Details | Investment info | Contacts | Documents | Stories

STATUS
Under implementation

DATE APPROVED
12 Nov 2020 at 5:27

EST. COMPLETION
10 Sep 2026

ESS CATEGORY
Category C

Rising sea levels, increases in extreme waves, tropical cyclones and storms, and changing rainfall patterns are exacerbating extreme coastal hazards. As a result, the ecosystems on which Pacific island populations rely for their livelihoods are increasingly threatened and at risk of destruction.

The high vulnerability to climate change impacts and climate-related hazards of the five programme countries arises from their geography, the exposure of their populations and their lack of resilience to shocks. The limited adaptation capacity is worsened by financial and human resource constraints and is compounded by an economic reliance on particularly climate sensitive sectors such as subsistence farming, fisheries and tourism. The programme countries therefore require reliable, timely and actionable information and early warning on their local weather, climate and ocean environments, as well as science-based advice on adaptation planning and early action for longer term climate change impacts.

This project aims to support increased climate-resilient sustainable development of 100,000 beneficiaries in the Cook Islands, Niue, Palau, the Republic of the Marshall Islands (RMI) and Tuvalu through the achievement of three outcomes:

1. increased generation and use of climate information in decision making;
2. strengthened adaptive capacity and reduced exposure to climate risks; and
3. strengthened awareness of climate threats and risk-reduction processes.

Total project value: **49.9m**

Beneficiaries: **100.0k**

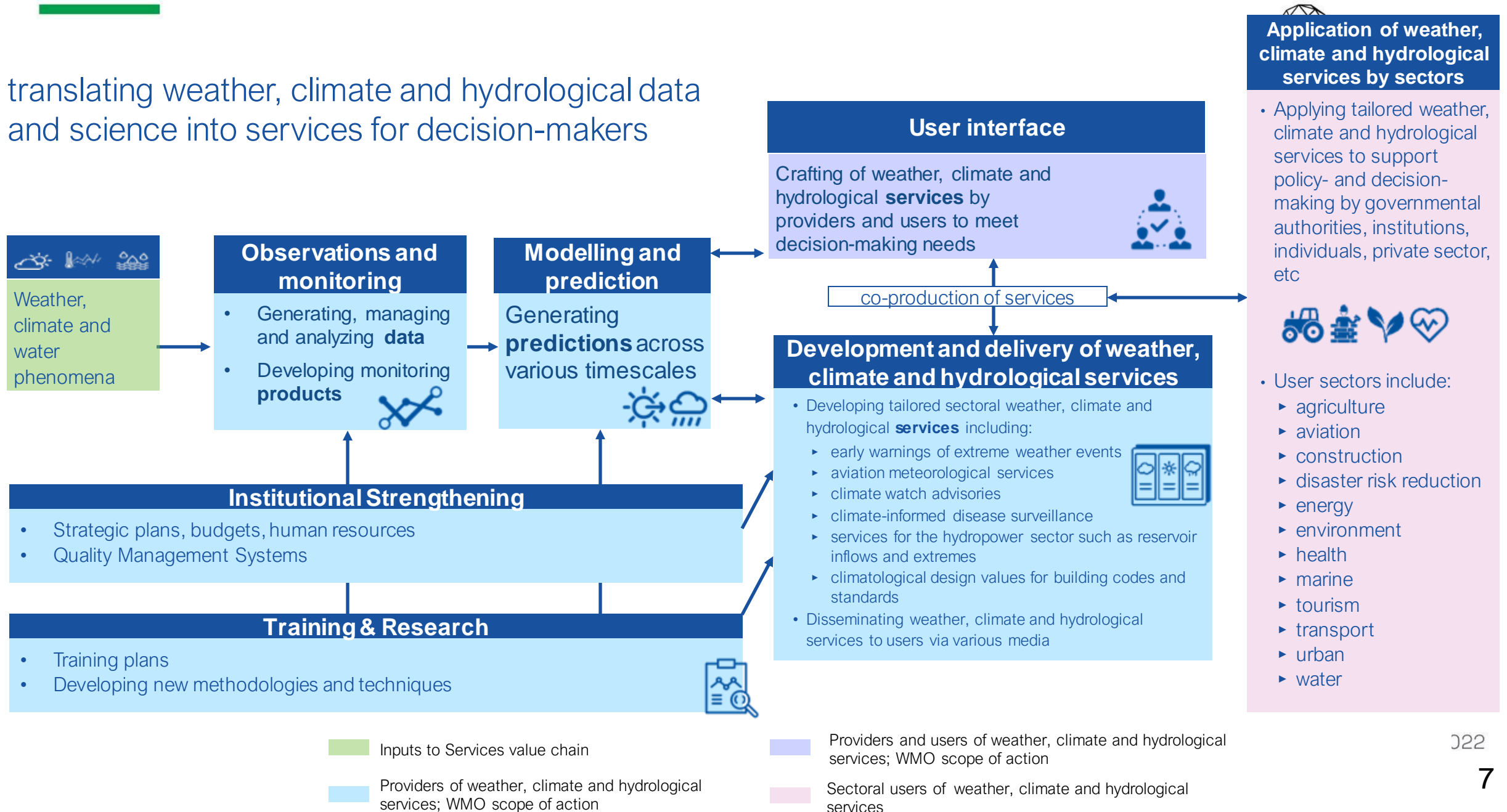
Overall: 80,029
Indirect: 20,009

5 countries

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WMO value chain for enhanced delivery of services at country-level

translating weather, climate and hydrological data and science into services for decision-makers



Comparative advantages



LARGE INVESTMENT AND BUDGET SUPPORT PROJECTS

- provide resources for investment in infrastructure, equipment and training
- potential to support all EWS stakeholders at once from a lower to a higher category
- complex projects are sometimes implemented with a scattered approach (contract by contract); some inputs require more specialised expertise and coordination resources than available locally

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SMALL INVESTMENTS AND TECHNICAL ASSISTANCE

- develop analytical studies and diagnostic to identify gaps and recommended interventions
- demonstrate or pilot operational solutions (e.g. PNG)
- prepare the ground for larger investments (e.g. Burkina Faso, Mali)
- sustain efforts to reach outcomes after large investments (e.g. Haiti)



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CREWS TECHNICAL ASSISTANCE AND ADVISORY SERVICES

- mobilizes global expertise from all 3 implementing partners (WBG, UNDRR, WMO) and their networks
- strengthens regional cooperation and regionally-coordinated approaches to ensure economies of scale
- ensures optimal use of investment resources available

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Thank you

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