

Flood Forecasting and Management WMO activities

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

Platform on Water Resilience and Disasters
23rd IHP Council – Paris - 11 June 2018



WMO OMM

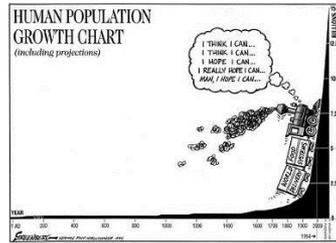
World Meteorological Organization
Organisation météorologique mondiale

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Challenges of Flood Management



Climate change,
climate variability



Demographic pressure



Urbanization and
settling on
floodplains



There is no absolute
safety.



Decision making
processes
Community Participation,
multi-stakeholder involvement



Ecosystem
conservation

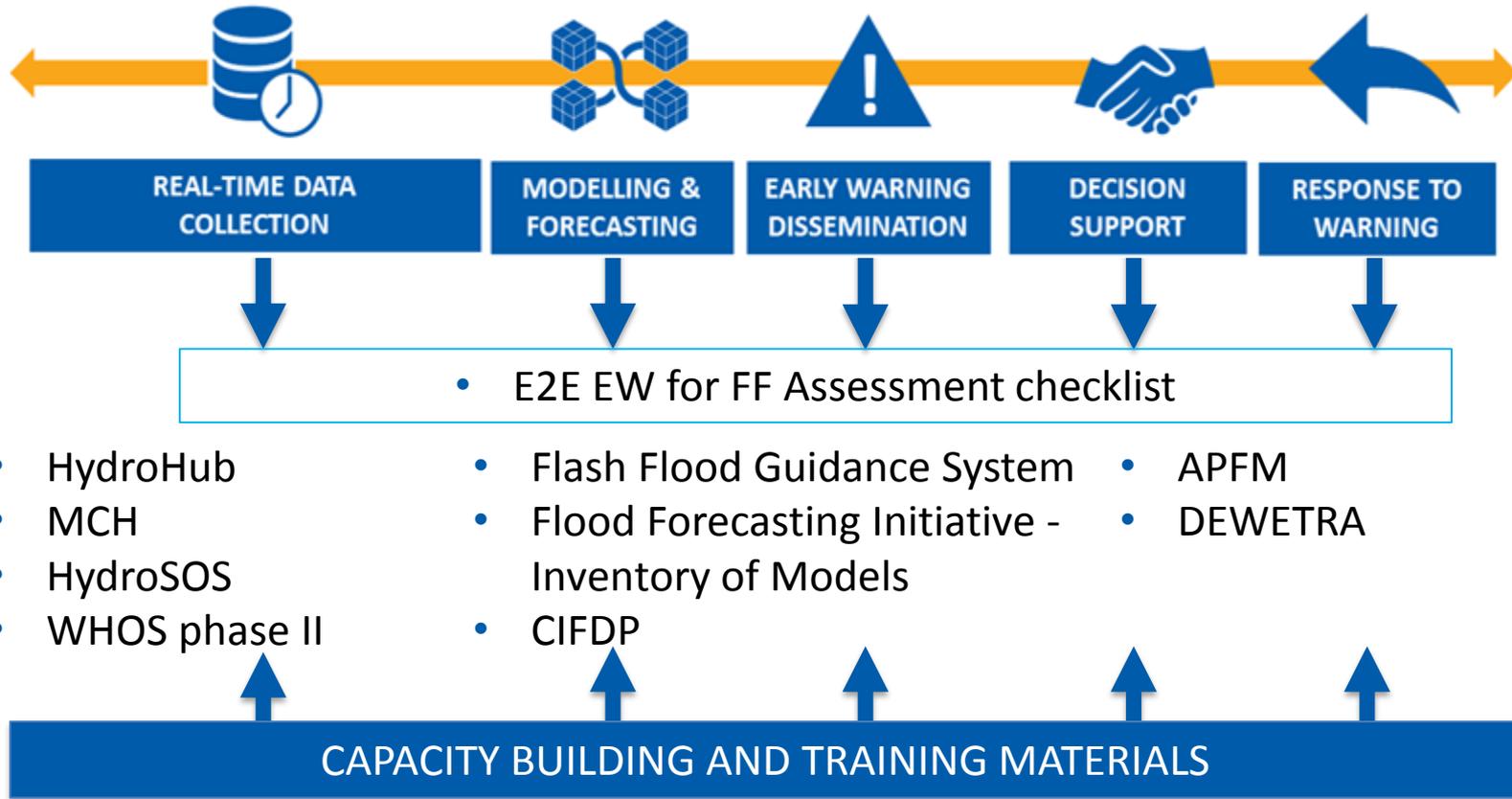


Securing livelihoods



Emergency response
and Early-Warnings

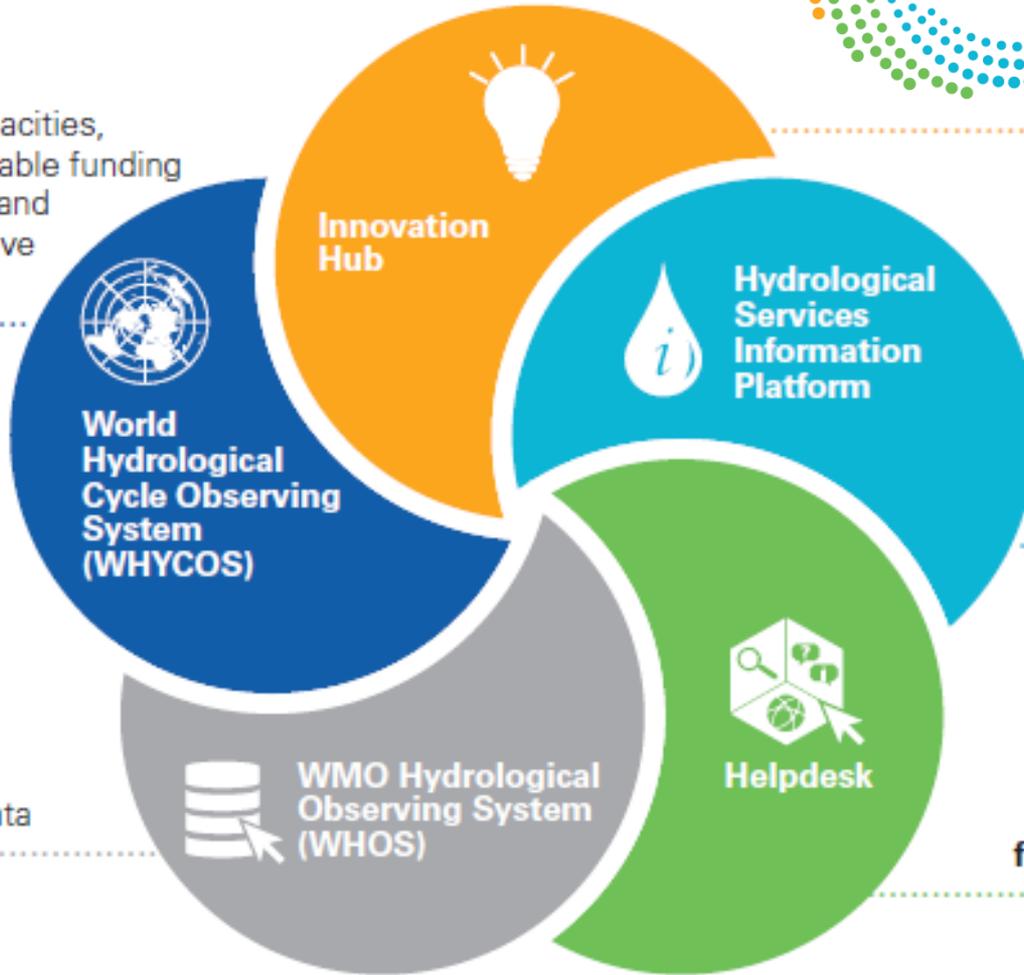
Flood related initiatives - E2E early warning system value chain



How we do it



We develop capacities, **catalyze** sustainable funding and monitoring, and **support** innovative approaches



We share information and **identify** opportunities

We promote free and open data

We share knowledge and **foster** collaboration



WMO OMM

Flash Flood Guidance System (FFGS)



The WMO Commission for Hydrology (CHy) jointly with the WMO Commission for Basic Systems (CBS) and in collaboration with the US National Weather Service, Hydrologic Research Center (HRC), and USAID/OFDA have developed the concept of the Flash Flood Guidance System (FFGS) with global coverage. The concept has been endorsed by the Fifteenth WMO Congress and is being implemented through a series of regional projects with funding from USAID.

Flash Flood Guidance System with global coverage enhances early warning capabilities of the NMHSs, currently covers fifty two (52) countries and more than two billion people around the world saving lives and decreasing economic losses.



APFM – Associated Programme on Flood Management

- Supported by JP, CH, NL, IT, D, Fr, USAID, EU, WMO, GWP since 2001 (currently no donors besides WMO and GWP)
- Production of more than 60 publications (guidance materials, training manuals, IFM Tools, case studies)
- Implementation of pilot projects (6 completed, 1 ongoing, 2 in the pipeline)
- Network of 30 Support Base Partners to support its



(continues)



Thank you Merci



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