

# Capacity development needs to improve utilization of climate services for adaption

**WMO Side Event**

**Progress with the implementation of the Global Framework for Climate Services (GFCS)**

Bonn, Germany, 17 May 2012



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# Adaptation the UNFCCC process



## COP7 (2001):

- Decisions 5/CP.7, 7/CP.7, 28/CP.7, 29/CP.7
- Included: adaptation activities to be supported, **LDC WP**, **NAPA**, LEG, LDCF & SCCF



## COP 10 (2004):

- Buenos Aires programme of work on adaptation and response measures, Decision 1/CP.10



## COP 12 (2006):

- **Nairobi work programme** on impacts, vulnerability and adaptation to climate change (NWP)



## COP 13 (2007) - Bali Action Plan:

- Enhanced action on adaptation under the AWGLCA



## COP 16 (2010) - Cancún Agreements:

- Cancún Adaptation Framework (CAF): **NAP process**, **W/P on L&D**, and the AC
- Extension and expansion of the mandate of the LEG (2011-2015)

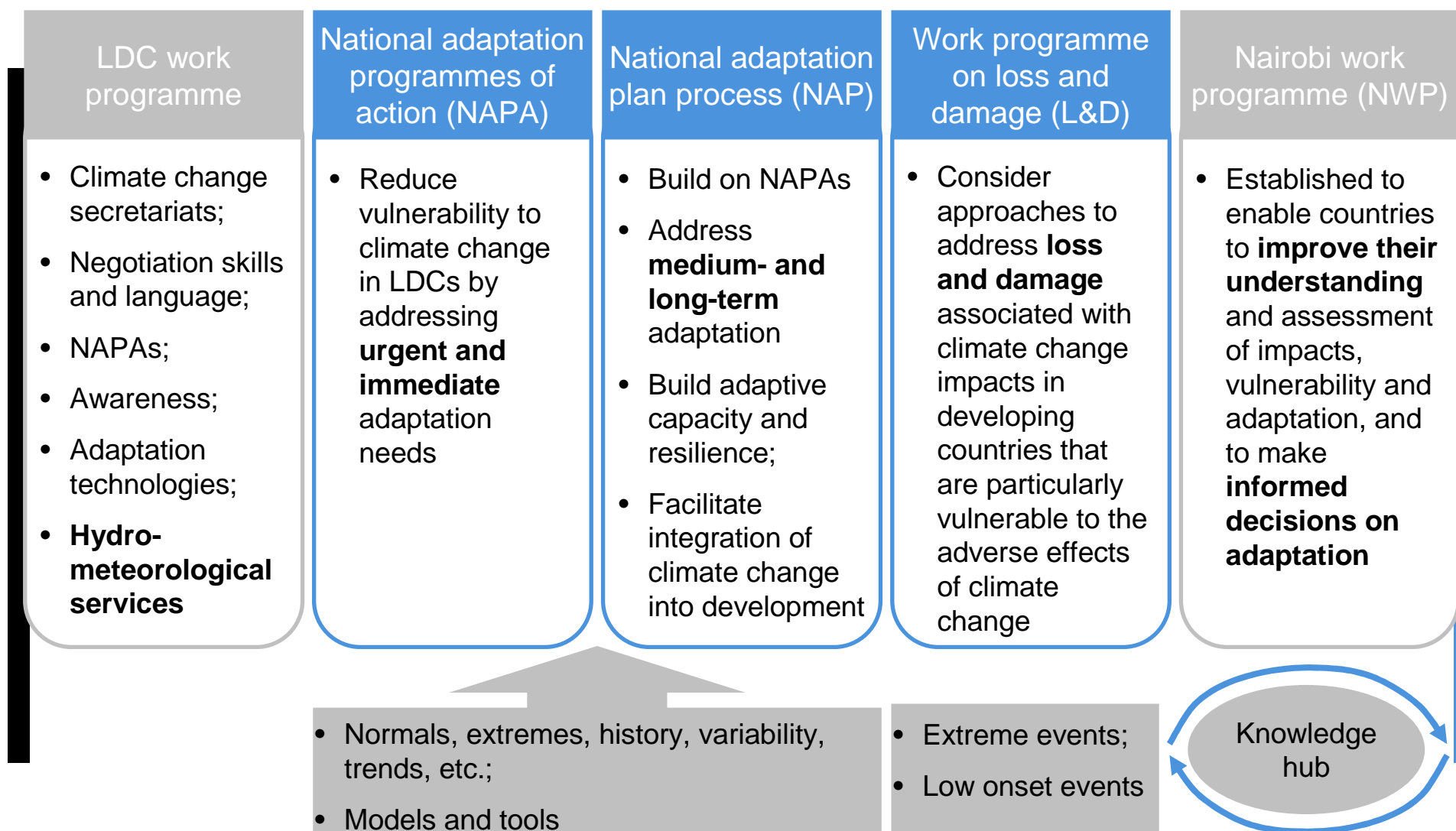


## COP 17 (2011) - Durban outcomes:

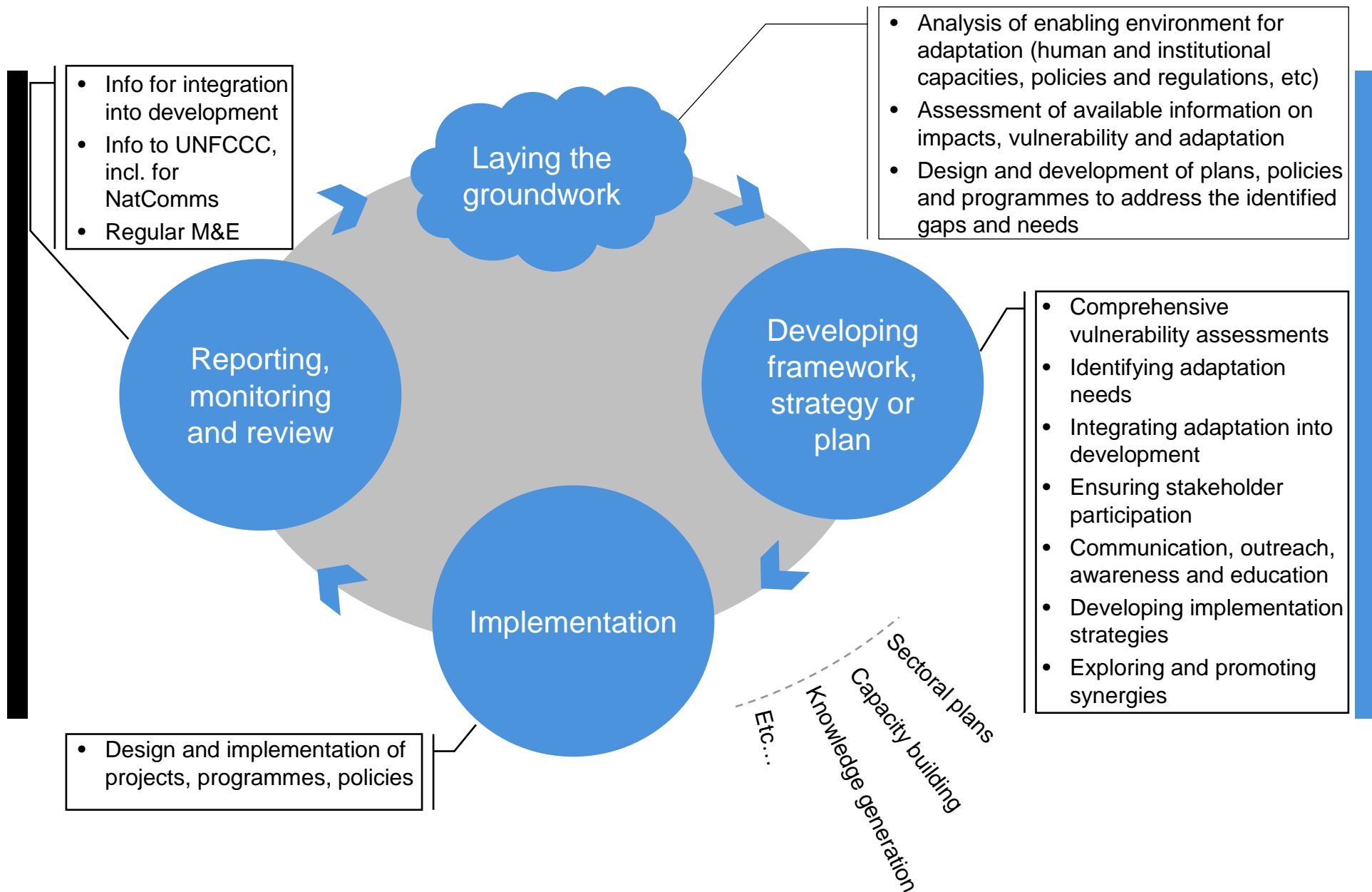
- Decisions operationalizing elements of the CAF (NAP process, L&D, AC)
- Provisions for the review of the work areas of the NWP



## Climate data needs for adaptation under the UNFCCC

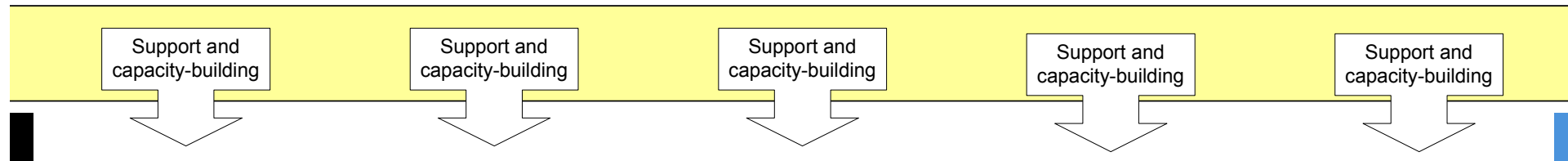


## Components of the NAP process

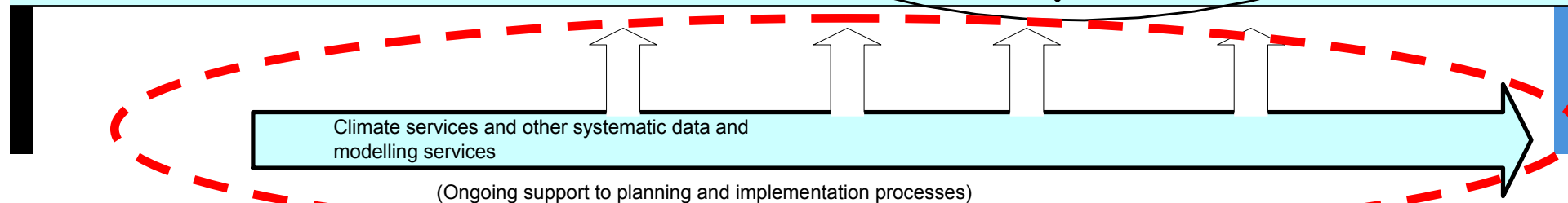
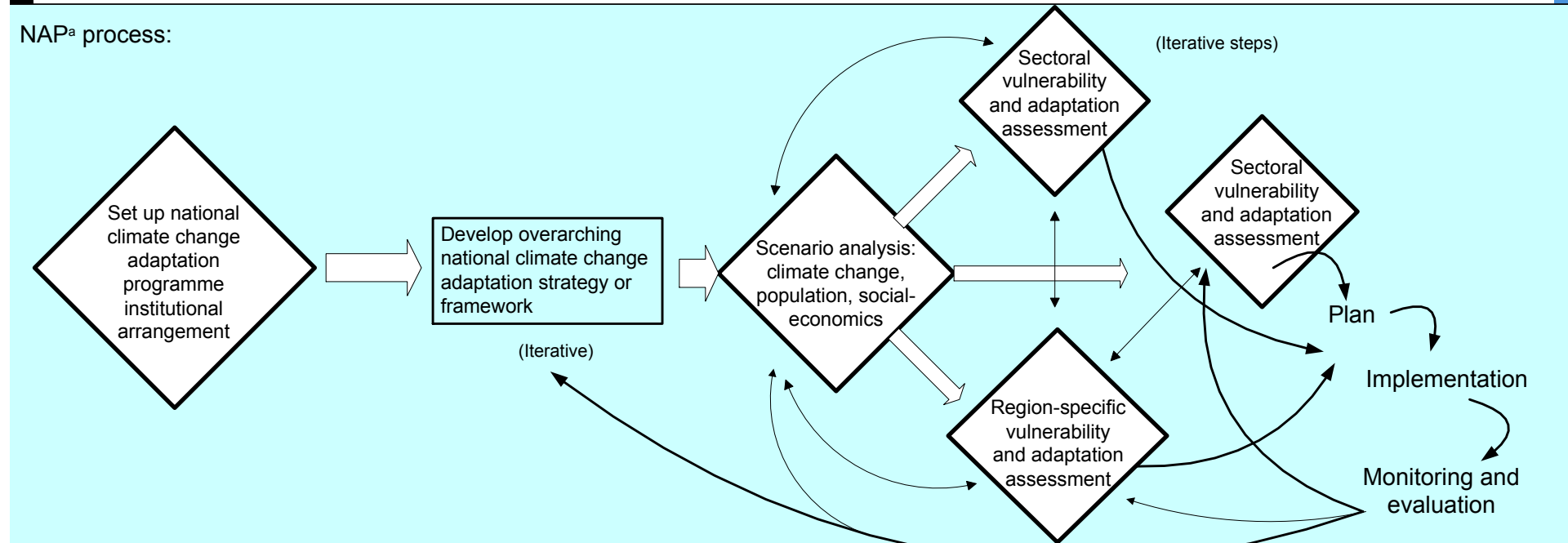


# Processes within the NAP

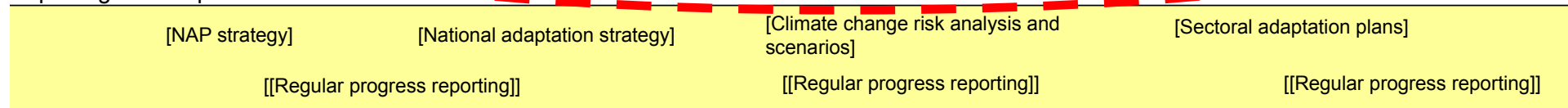
Support:



NAP<sup>a</sup> process:



Reporting and outputs:



## Strengthening the capacities of NMHSs

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### Some of the needs identified by the LDCs under the LDC work programme

- Modernization, strengthening and expansion of observational networks and equipment, including remote sensing
- Establishment or upgrading of database management systems
- Strengthening of regional instrumentation and calibration centres
- Development of telecommunications systems
- Forecasting, post-processing and service production systems (e.g. wind and solar mapping, climate scenarios and finer grid intervals)
- Strengthening communication to all relevant stakeholders
- Storage and archiving of data and analyses
- Promotion of education studies in the field of meteorology and hydrology, and their applications



# United Nations Framework Convention on Climate Change

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