

Demonstration and application of a financial planning tool for African National Meteorological and Hydrological Services

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NMHS and PPP

- NMHS has mandate for safety of people and goods
 - Observe
 - Validate and store historical data
 - Forecast
 - Warn
- Private sector has interest in integrating weather services into their process
- Experience in the US and Japan, shows that partnership between NMHS and private sector leads to high CIS market



Conceptual model of NMHS costs

Services

(Early Warning, Public, Climate services, Aviation)

Operations

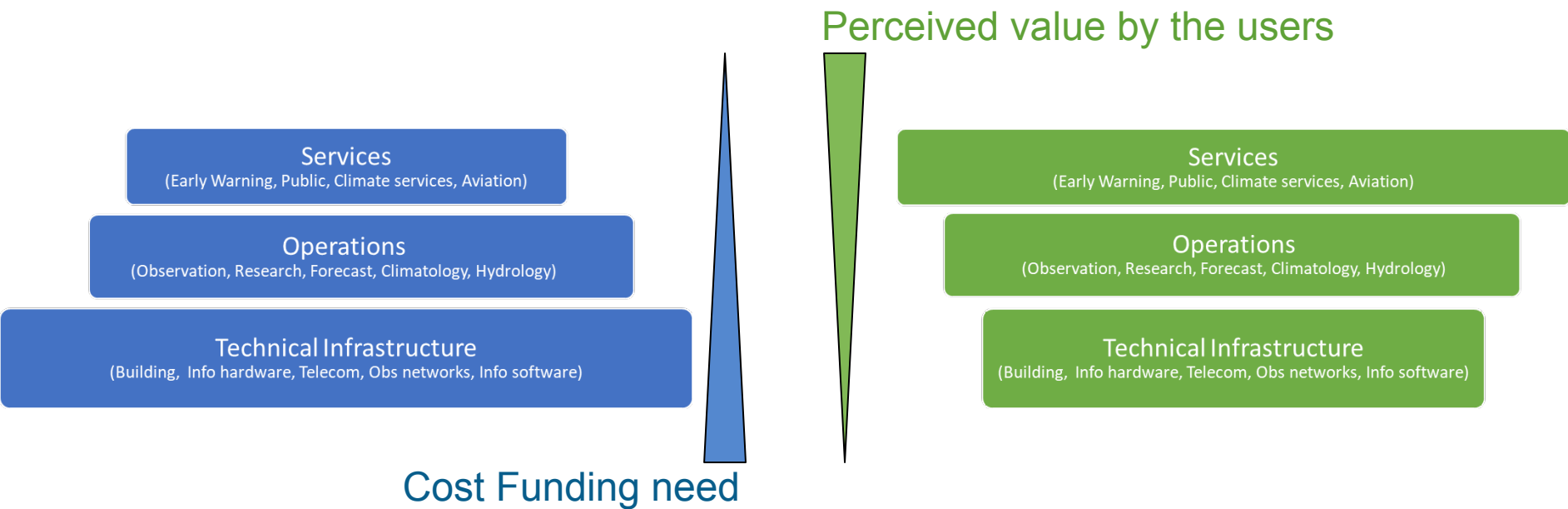
(Observation, Research, Forecast, Climatology, Hydrology)

Technical Infrastructure

(Building, Info hardware, Telecom, Obs networks, Info software)

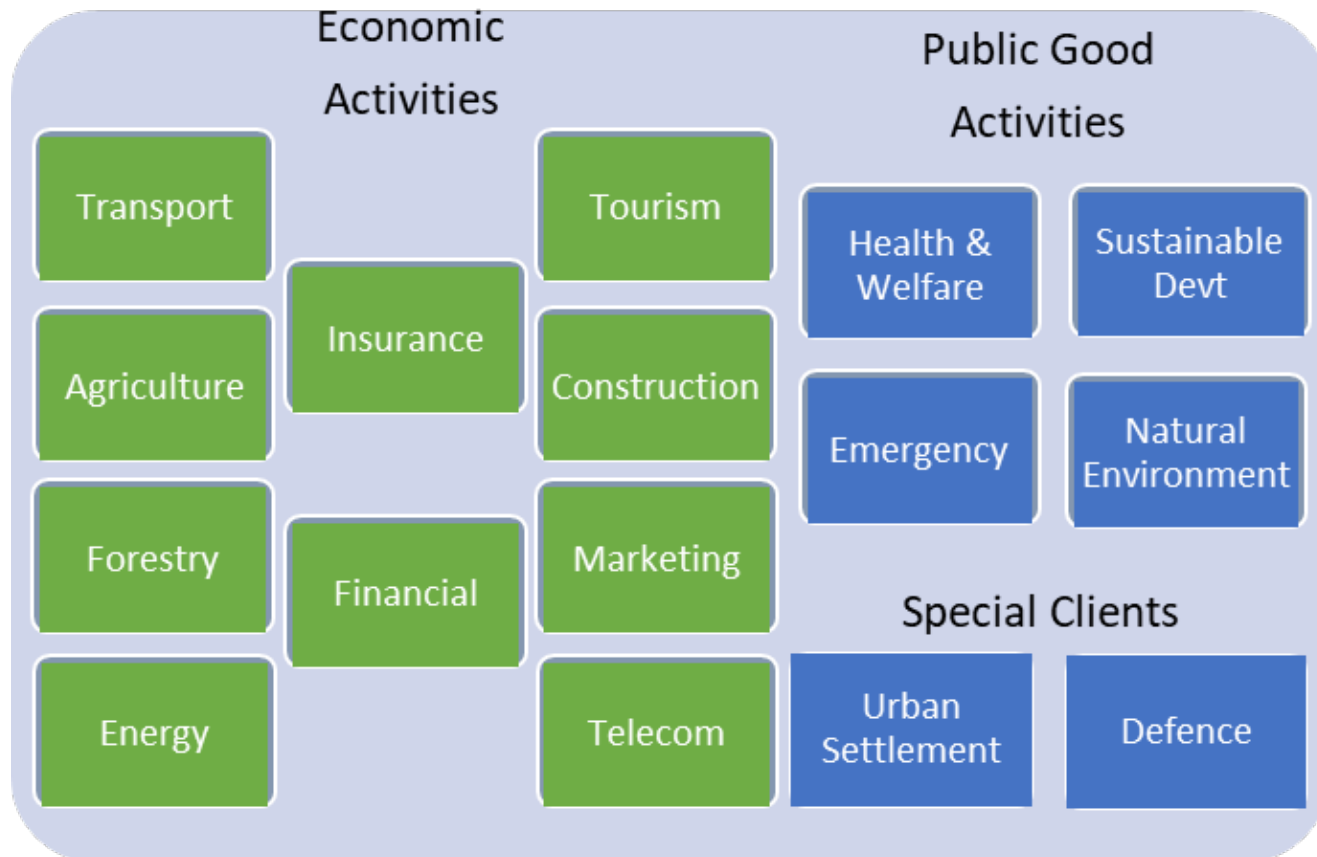


Shifting the paradigms





CIS needs globally from WMO





CIS in SSA: possible origin of funding by layer

- Services
 - Direct revenue from commercial activity
 - Revenue through PPP with distributor
- Operations
 - Wages and O&M through government mainly for aviation services
 - Private sector through PPP to operate the information system
- Infrastructures
 - Government with donor help if needed
 - Private sector through PPP like TAHMO, Telecom operator (Raincell, ...)

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PPP opportunities

