

Private Sector Data Policy Perspectives – Improving Data Availability for All



**ADVANCED
ENVIRONMENTAL
MONITORING**

Saving Lives & Protecting
Property – Solving Africa's
Complex Climate and
Development Challenges



ASSOCIATION OF
HYDRO-METEOROLOGICAL
INDUSTRY

**ONE GLOBE
ONE INDUSTRY
ONE VOICE**

PRESENTER

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Chair, HMEI

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WHO IS HMEI

- HMEI is the association of the global private sector hydro-meteorological industry.
- We have over 140 members
- HMEI is the only industry association with a formal working agreement with the World Meteorological Organization. We are the primary representative of the private sector to the broader Global Weather Enterprise
- The HMEI secretariat is located at the WMO



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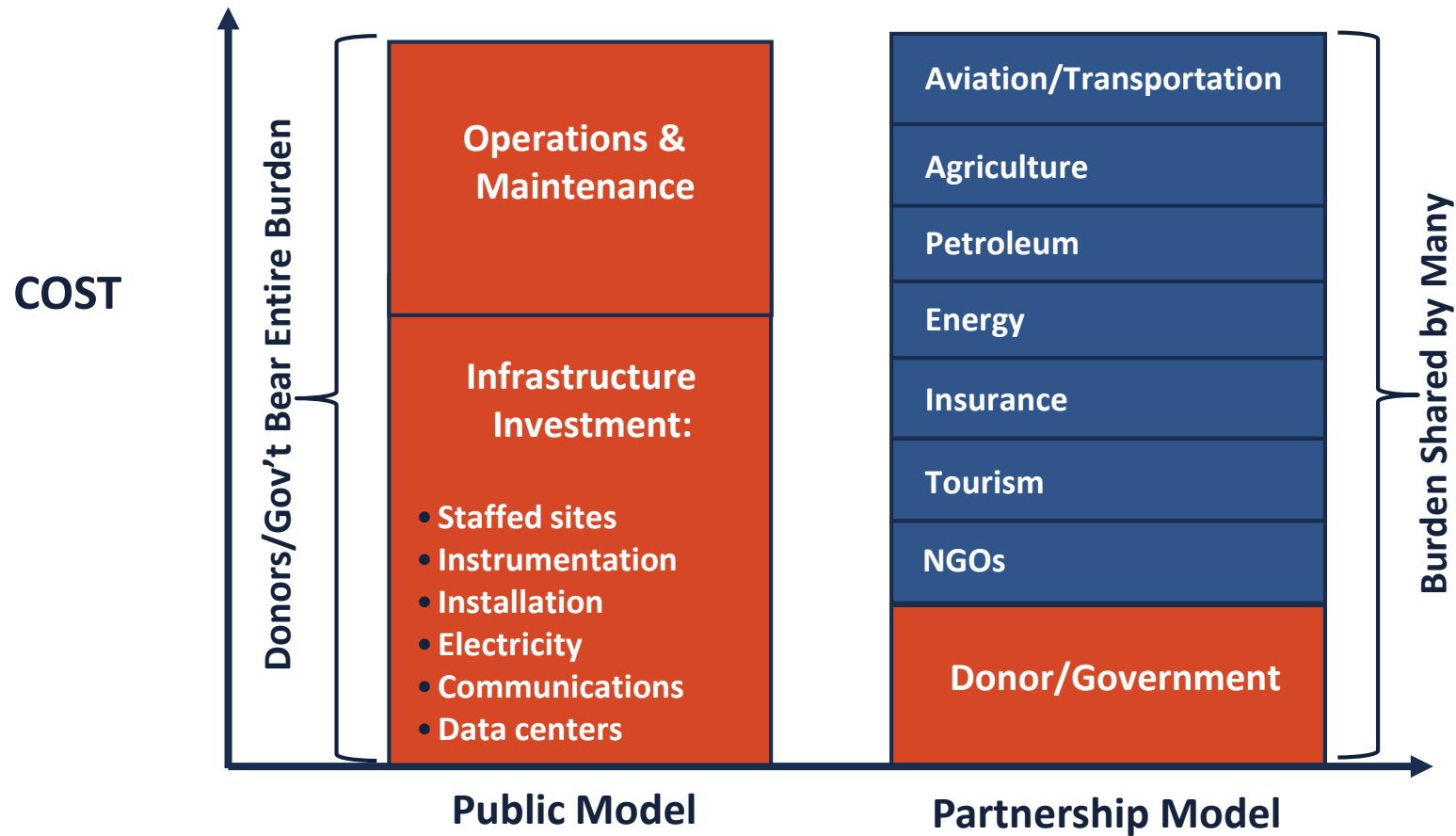
PRIVATE SECTOR DATA POLICY ISSUES

- Many private sector companies are not simply hardware or service providers
- They are providing data from the operation of their own observing systems, such as satellites, automated weather stations, lightning detection systems, air quality monitors and many other networks as well as crowd-sourced and derived data sets
- Policy of free and open data presents a possible challenge for increasing private sector investment to help fill data holes and unmet need

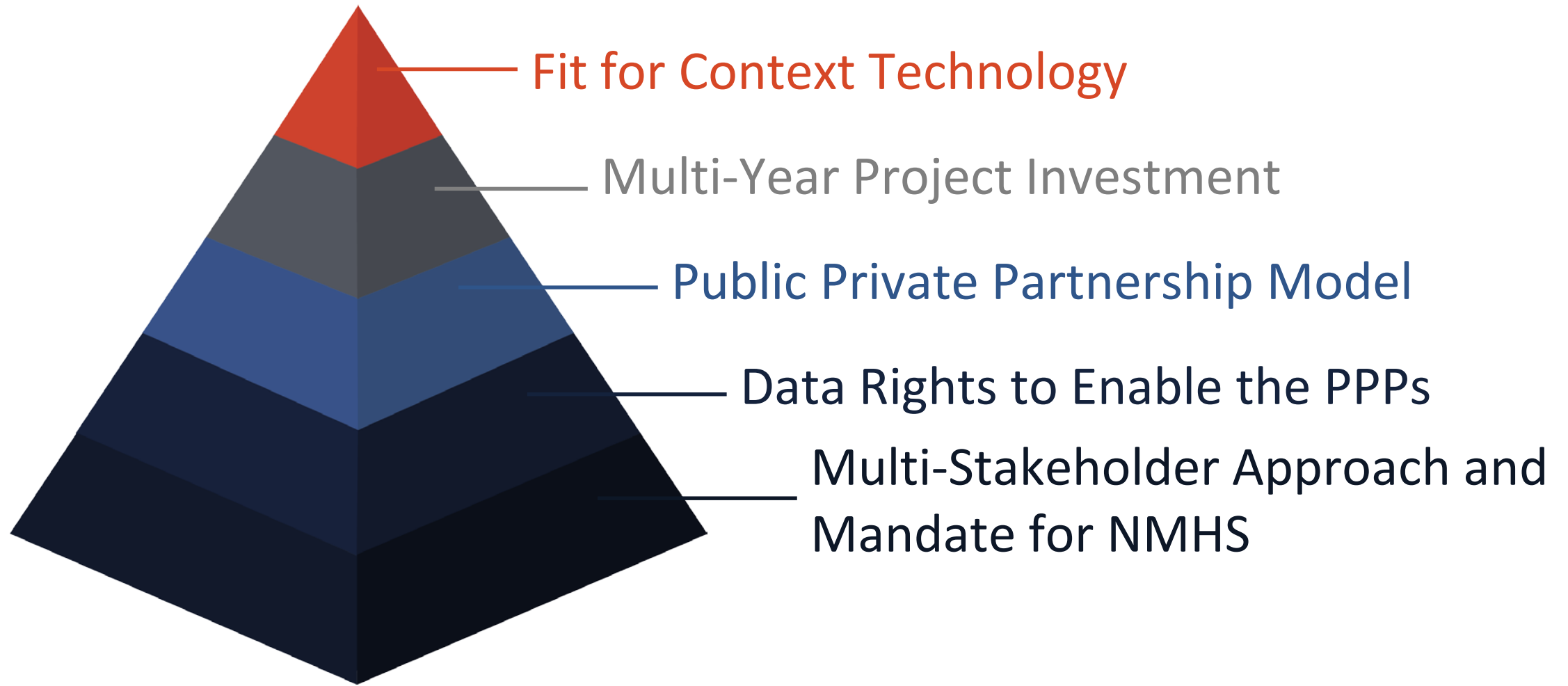


PARTNERSHIP ENABLES SUSTAINABLE DELIVERY OF MET SERVICES AND ENCOURAGES PRIVATE SECTOR INVESTMENT

Total Operating Cost of Weather Observing Networks



CONDITIONS FOR SUCCESSFUL PUBLIC PRIVATE PARTNERSHIP

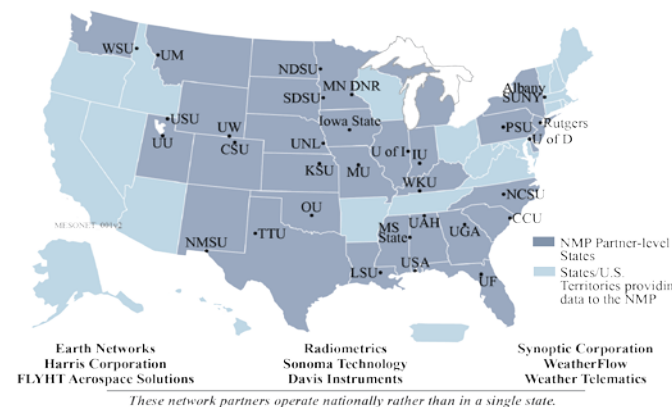


POSSIBLE SOLUTIONS

- Clearly define the essential data elements needed for free and open access
 - Ex. Lightning data needed for essential climate data
- Distinguish between raw data and derivative products
- Distinguish time delayed data vs. real-time information
- Distinguish between internal use and the right to share or distribute data
- Create clear and enforceable data rights schemes
- Innovate data marketplaces and other aggregation and dissemination platforms

US National Mesonet Program

- Formally Initiated in 2006
- Currently Nationwide Participation by 40+ Non-Federal Network Operators
 - Private Companies
 - Academic Institutions
 - Local Municipalities (cities, counties)
- Diverse Observational Portfolio
 - Surface In-situ
 - Vertical Profiles
 - Mobile (Aircraft, Vehicle)
 - Lightning, GPS-IPW



An infographic titled "Improving Weather Data Services Nationwide" that highlights the benefits of the National Mesonet Program. It includes a "Benefit Highlights" section with a "Read" button, and three smaller sections: "PROTECTING LIVES AND PROPERTY" (highlighting improved severe weather warnings), "ECONOMIC BENEFITS TO INDUSTRIES" (highlighting improved commercial weather forecasting), and "NMP: SAVING FEDERAL FUNDS" (highlighting cost savings through a government coalition strategy). Each section has a "Read More" button.

Thank you!

Questions & Comments

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