

# Ministry of Water Irrigation and Electricity

Introduction: functionality, service levels and the introduction of ICTs for WASH monitoring

Monitoring and messages for maintenance

18 October 2016

# Functionality: what do we know?

- NWI1 findings on functionality (77%) led to renewed efforts to reduce non-functionality in regions
- NWI Somali: 60% protected sources functional (Easynet, 2016)
- Functionality monitoring is not regular: no news is good news
- GTP2 targets: from 11 to 7%
- New manuals, but are they being used?
- Post-construction support units?

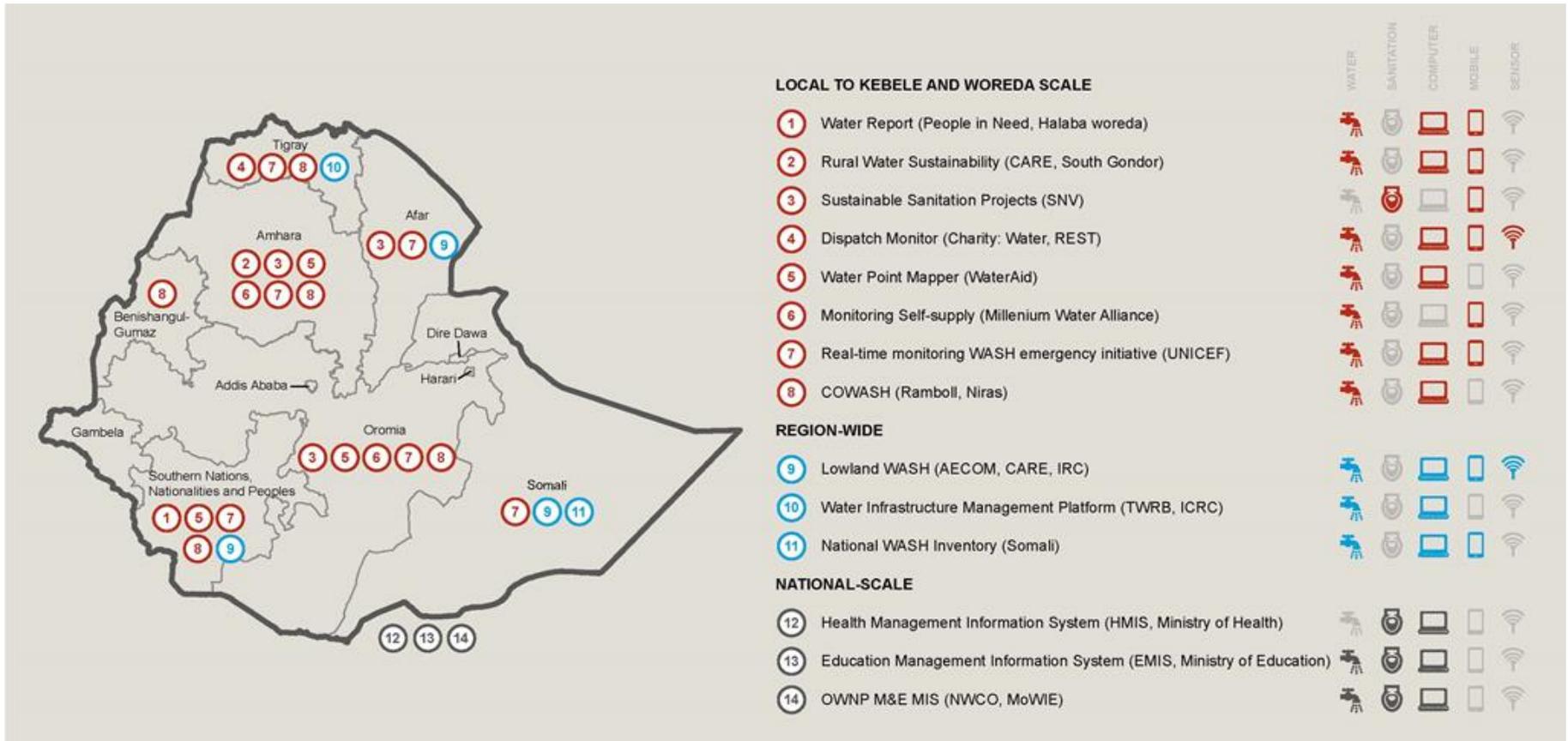
# From occasional inventories to continuous asset management

- NWI2 will provide a new baseline for asset management
- A key concept in current OWNP M&E strengthening is to make use of data more, and more quickly, at local levels
- Data use intended is to support operations and maintenance, and planning, as well as reporting
- Needs to be designed into the systems so data are made available, and capacities are in place to respond
- Mobile-based data collection capacities to be embedded at woreda level to facilitate this
- But just data won't be enough....

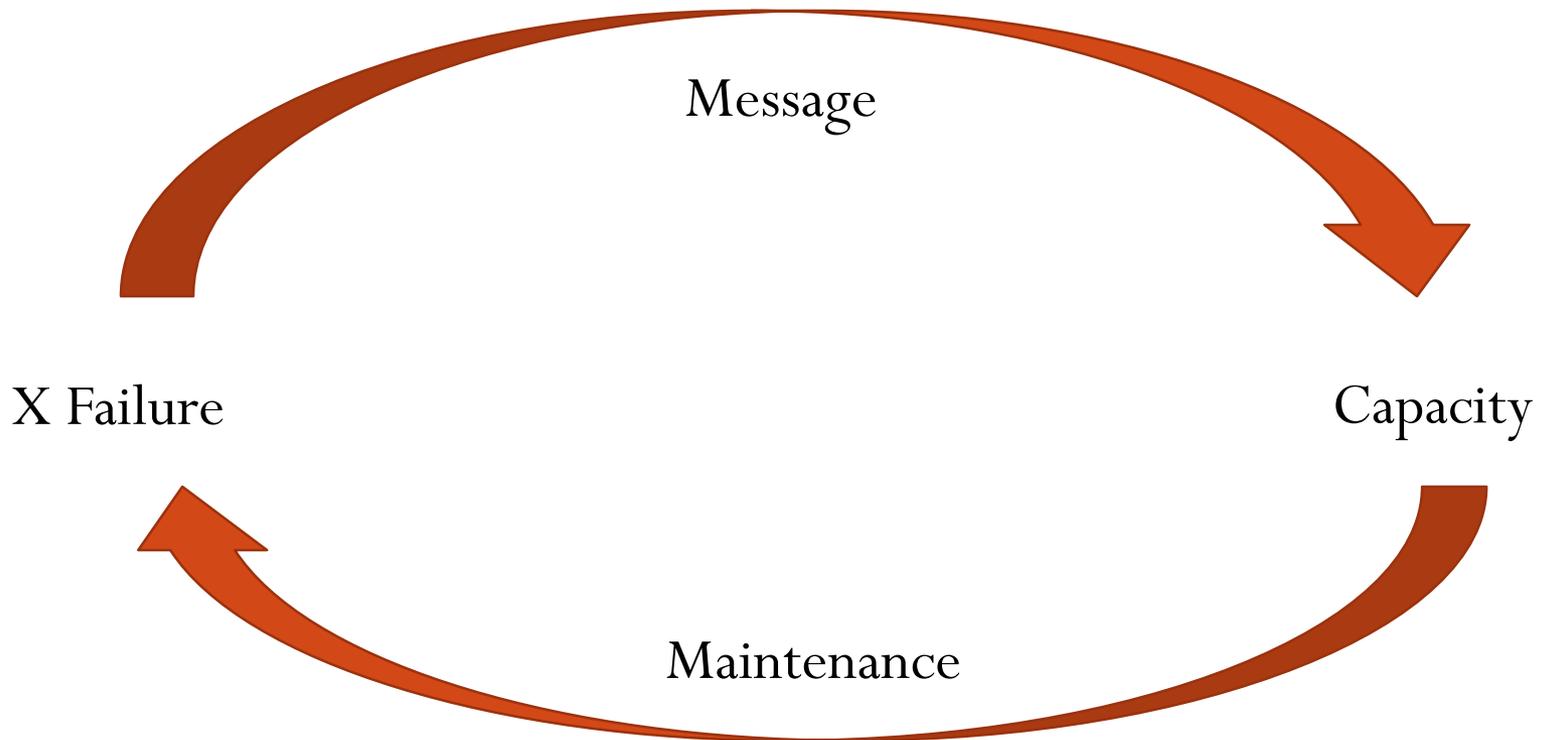
# Monitoring for sustainability

	Current status	Plan
Functionality	<ul style="list-style-type: none"><li>• Not well organised</li></ul>	<ul style="list-style-type: none"><li>• Mobile based data collection to continuously update NWI2</li></ul>
Service levels	<ul style="list-style-type: none"><li>• Current indicators are crude and don't reflect service levels well</li></ul>	<ul style="list-style-type: none"><li>• To improve indicators and data collection</li></ul>
Capacity/ enabling environment/ financial	<ul style="list-style-type: none"><li>• Not measured properly</li><li>• Beyond manuals</li></ul>	<ul style="list-style-type: none"><li>• To improve indicators and data collection</li></ul>

# How can we use new ICTs and learn from existing efforts?



# Monitoring and messages for faster maintenance



# Key questions for this seminar

- What are the most promising new technologies to improve real-time WASH monitoring?
- What are the major challenges to realising the impact of new monitoring technologies and messaging systems?
- How is innovation building and maximising the capacity to respond to fix broken water supply systems?
- Or,

Where does data go and what happens next?