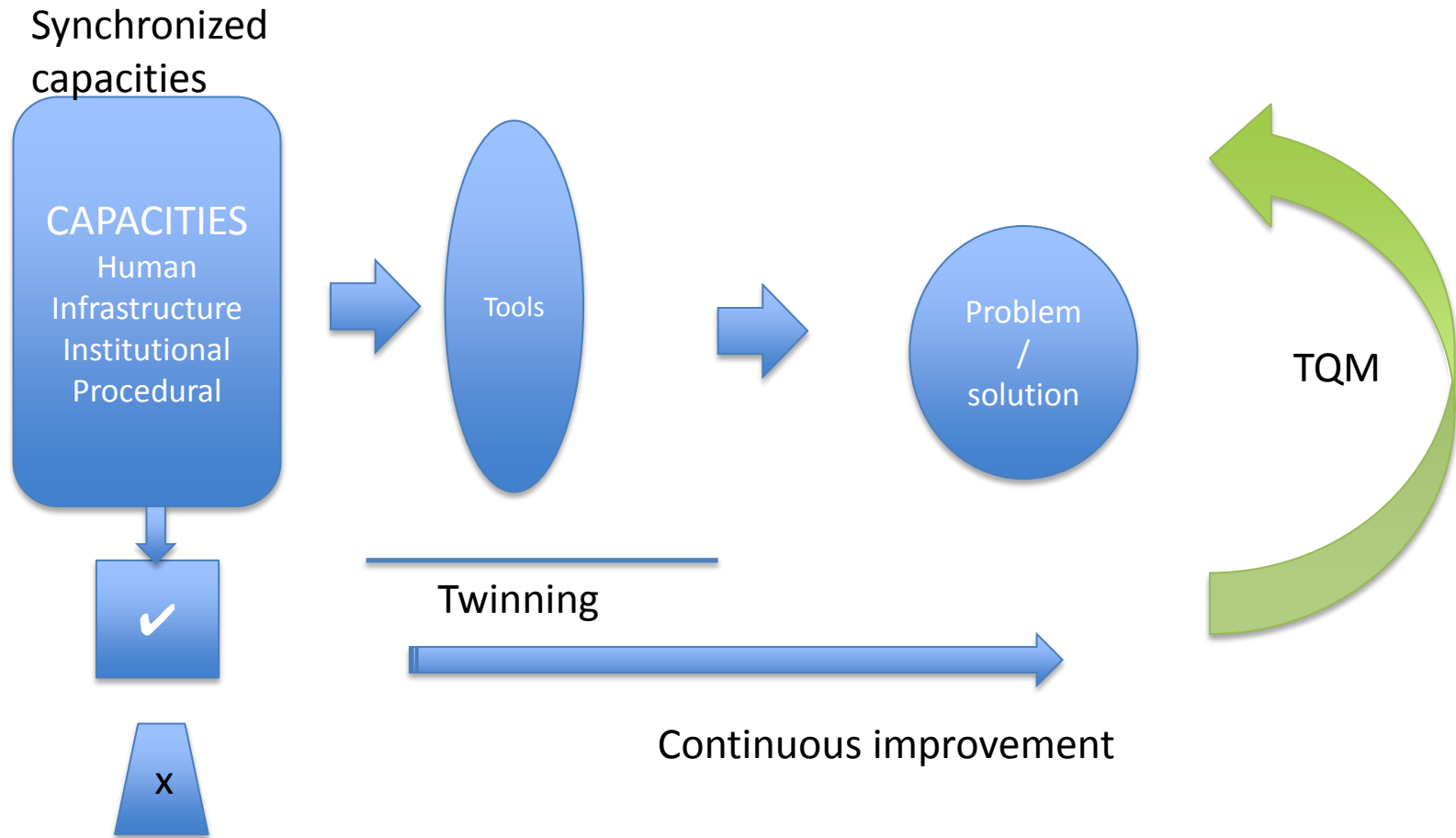


Group 5: Capacity Development

Group participants: C. McBride (Moderator), A. Delju (Rapporteur), D. Hein-Griggs, W. Thiaw, M. Dilley, P. Parrish and F Lucio



- Training Institution in country
- Long-term development plan NMHSs
- Training basic systems/ common problem solutions (stories)
- Management training (Guide, Technical Reg.s, standards + TQM)

What is an appropriate set of criteria for data, products and tool integration into CST?

- what is needed? (how to choose tools)
- what is possible? (what kind of capacity development can unleash service delivery)
- Could mark resources with a key to indicate the level of human resources, infrastructure, institutional and procedural capacity needed to implement or adopt tool/use data.
- Can classify tools based on the capacity of 5 category of NMHSs
- Categorize the tools based on sector-specific applications

How can existing capabilities contribute to supporting the GFCS Priority areas?

- Commission on Climatology Guidelines for NMHSs on Capacity Development for Climate Services a good resource
- Climate Service Personnel Competencies also important
- Function of training institutions in the country is an advantage
- Total quality management approach



How to enhance access to GFCS relevant data, products and tools at country level?

- Look to training institution in country
- Take into account the long-term development plans of NMHSs
- Training basic systems could be possible for OPACE 1 to 3. For OPACE 4 focus on common problem and their solutions (look at stories of implementation in other countries)
- Training of management within organisations regarding what is available (Guide, Technical Reg.s, standards + TQM)
- Stimulate partnerships

What WMO guidance, technical documentation, and/or capacity building events are necessary for successful CST implementation?

WMO has lots of materials in terms of guides, technical regulations, The challenge is making these known especially to management.

What institutional support should be in place for sustainable CST operations?

- Metadata for data, products and tools in the CST
- Support for institutional for training
- Global Campus – supports recourses, learning opportunities and platform for promotion of learning
- Consider the Moodle platform as a starting point

Proposal for CST Training

- **Goal:** To demonstrate the value and methods for using the CST in the process of addressing user needs and solving national and regional scale problems that can be addressed by climate services. Create a body of resources to be used for current and future learning opportunities that can be promoted by WMO for wide dissemination.
- **Concept:** The value and proper application of the CST is best taught via use cases, or scenarios of problem solving that utilise the CST in its procedures, as appropriate for the capabilities of stakeholders. We proposed that a general process of solving climate sensitive issues can be distilled from existing and future use cases, and that this general process can be best taught through scenarios.
- **Proposal:** Develop classroom and self-directed resources that can be applied in a wide variety of contexts in all WMO regions. These resources should show a variety of applications for the wide variety of local situations, but also be easily adaptable to new contexts. They should be easily accessible and discoverable through repository tools of the developing WMO Global Campus.
- **Implementation:** WMO departments and outside partners pool resources to develop the resources.

Recommendations:

- start with a selected number of countries to provide appropriate assistance to explore solutions to the customer needs and problems.
- develop the process and scenarios for getting stakeholders together to analyse customer needs and problems as well as relevant capacities, and assess the suitability of available tools for effectively addressing those problems. Identify events/venues for teaching the process and developing resources to assist. This problem solving process can be conducted within a country or across countries.



Thank you Merci



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