



CABUREK SIM M4DT  
2021 - 2023



# Launch of the CABUREK SIM M4DT

Component 2.3. of the IDB project:  
"Implementation of new NMI services related to DT"



# Agenda

Time (UTC)	Topic	Speaker
13:55	Entering the Zoom room	
14:00	Start of the workshop	
14:00	Welcome words	Claire Saundry
14:05	Presentation of the CABUREK methodology	Alexis Valqui
14:20	Presentations of the proposed M4DT instruments and services to be developed in the M4DT SIM CABUREK project	
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# The CABUREK background

## C A B U R E K :

Capacity Building in Technical and Scientific Organizations  
Using Regional Experience and Knowledge

The CABUREK methodology is applied to increase the impact of QI through the promotion of **better relationship between the QI and its users** and the **better use of existing services and competences in the region**, the **strengthening of the demand and user orientation of QI institutions** and the **facilitation of the regional exchange on experiences and best practices**.

The aim is to develop new QI competences and services that address the needs of users (e.g. sectors, value chains, circular economy, private and public actors, digital transformation)



# Applying CABUREK in SIM-M4DT

M4DT topics:

**DCC / Lab automation / Remote calibration**

**National level:**



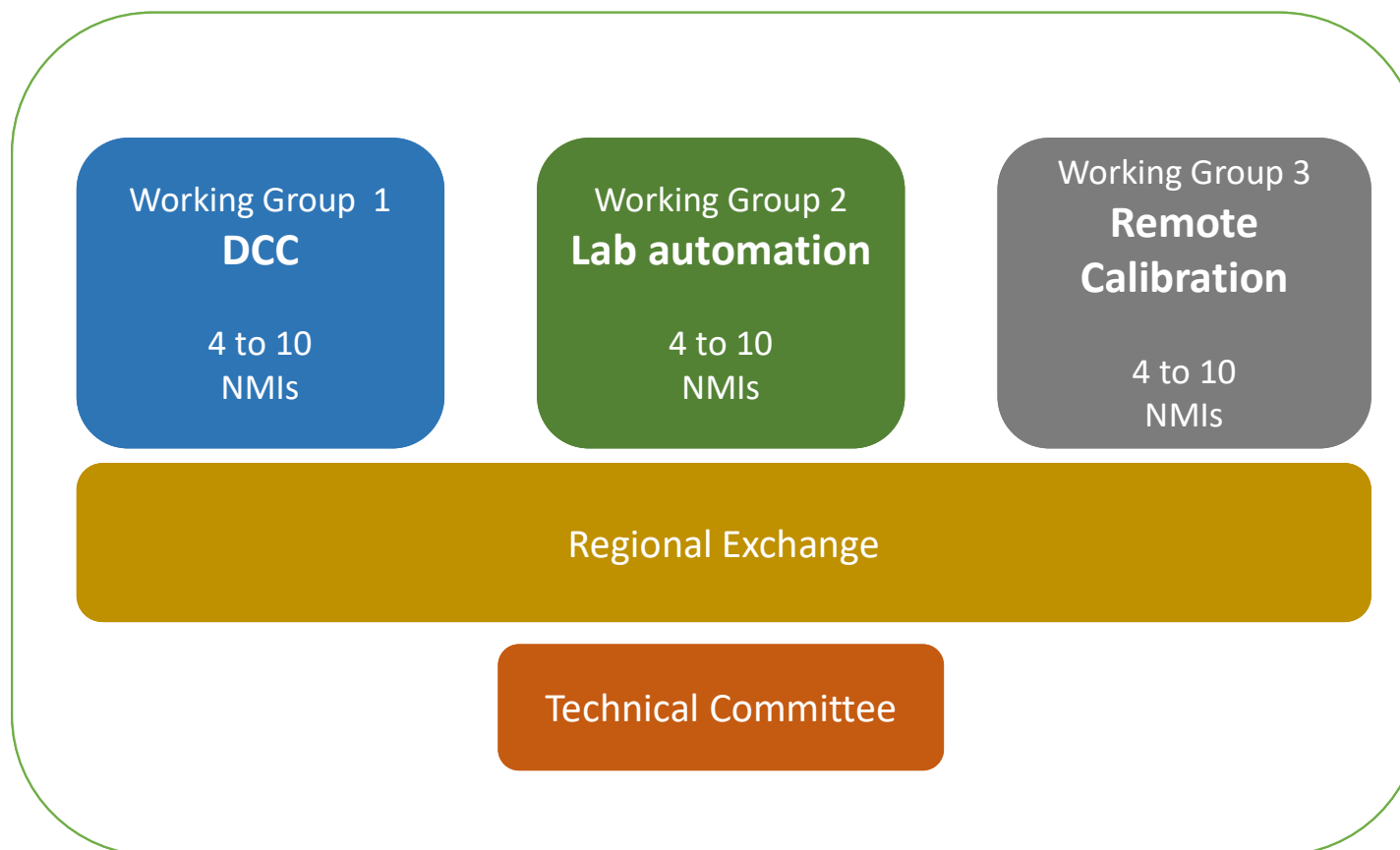
Implementation of pilot project and articulation of the NMI with the digital transformation ecosystem

**Regional level:**

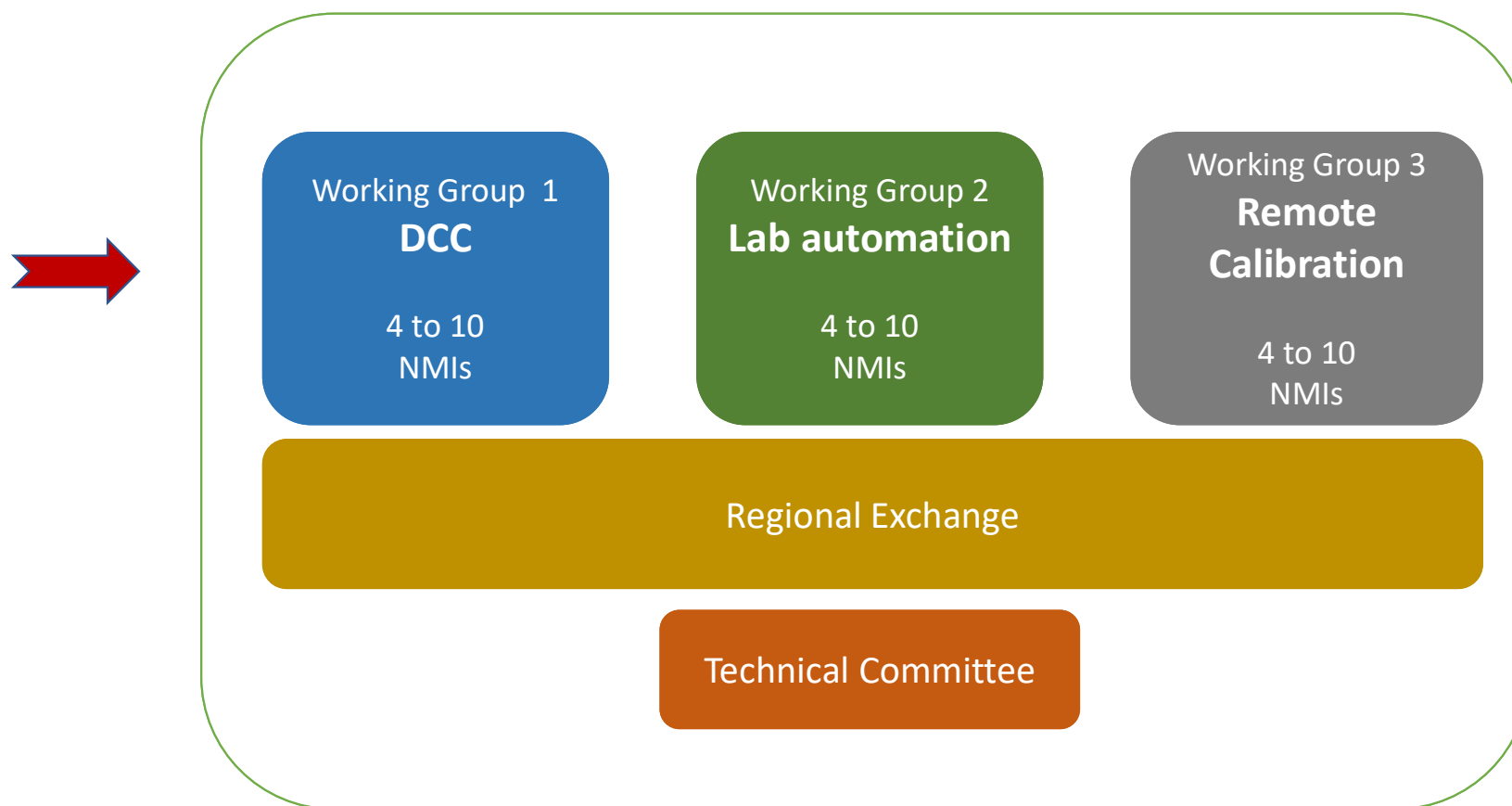


Systematization of experiences and lessons-learnt for SIM

# The CABUREK structure



# The CABUREK structure







**CABUREK SIM M4DT**  
2021 - 2023



Working Group 1  
**DCC**

4 to 10  
NMIs

Working Group 2  
**Lab automation**

4 to 10  
NMIs

Working Group 3  
**Remote  
Calibration**

4 to 10  
NMIs



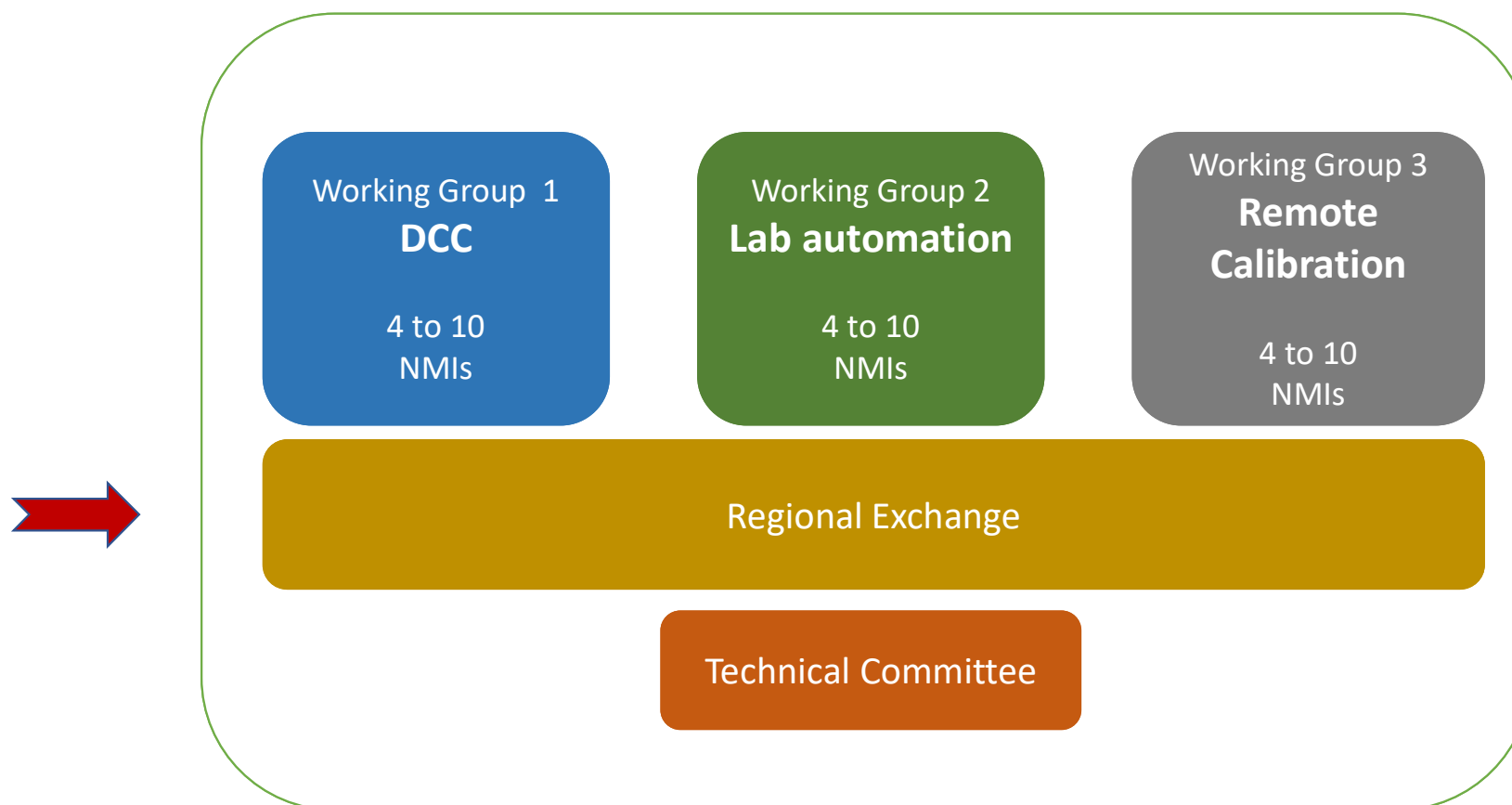
Each **NMI** works on:

- the implementation of a national project to develop or strengthen the M4DT services
- the articulation with the DT ecosystem of their country; and
- sharing the national experiences at the regional level

A NMI may eventually participate in more than 1 WG

The national projects are financed by the NMIs

# The CABUREK structure



## Regional Exchange

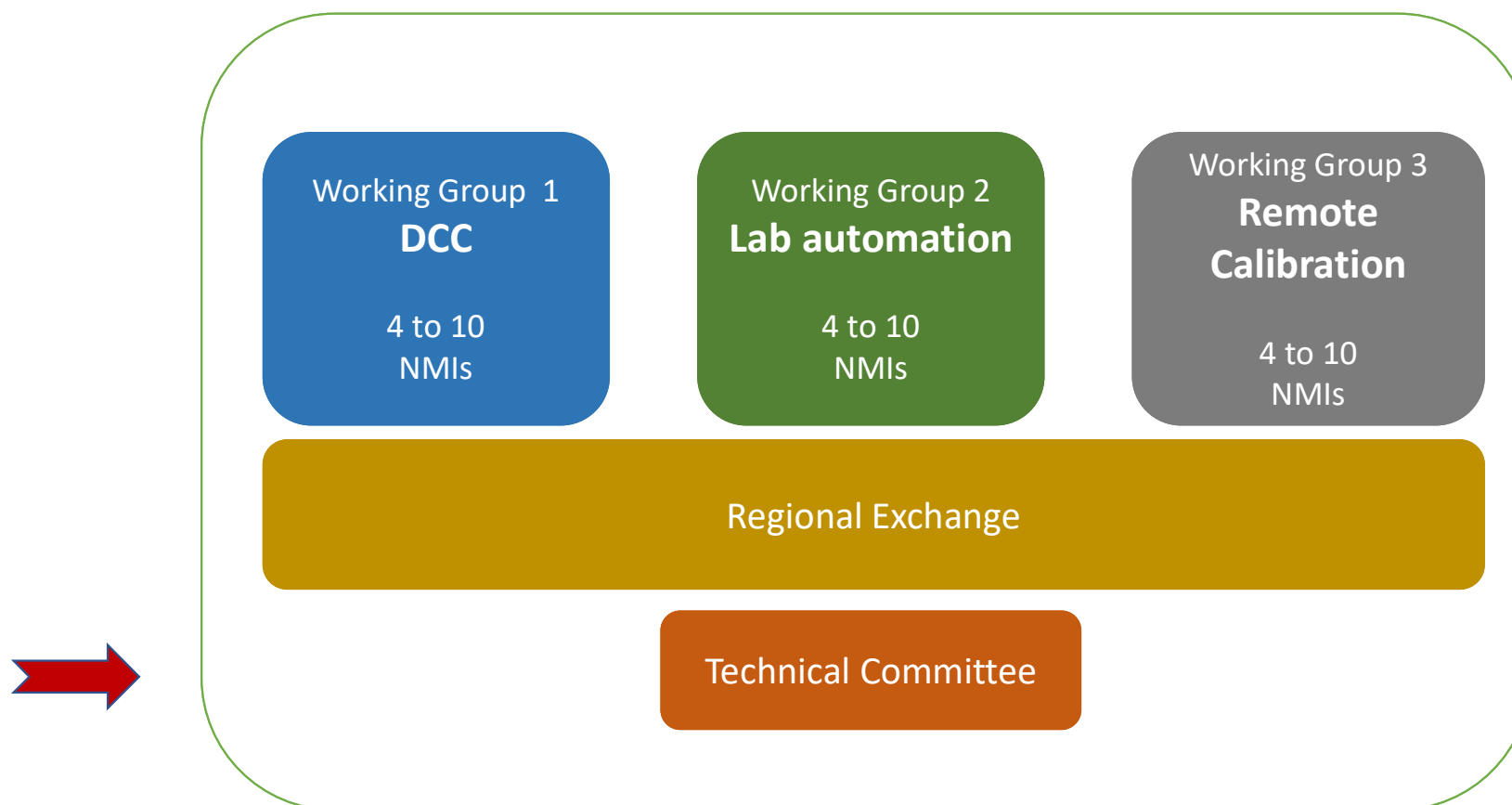


Every 6 months a regional meeting with NMI representatives and the Technical Committee is organized (all in all 5 CABUREK regional workshops).

The main objectives of the regional meetings are:

- Presentation and monitoring of the national project implementation
- Identify and systematize the M4DT needs at regional level
- Identify and systematize good practices and lessons learned at regional level
- Identify potential regional solutions
- Provide inputs to the process

# The CABUREK structure



Technical Committee



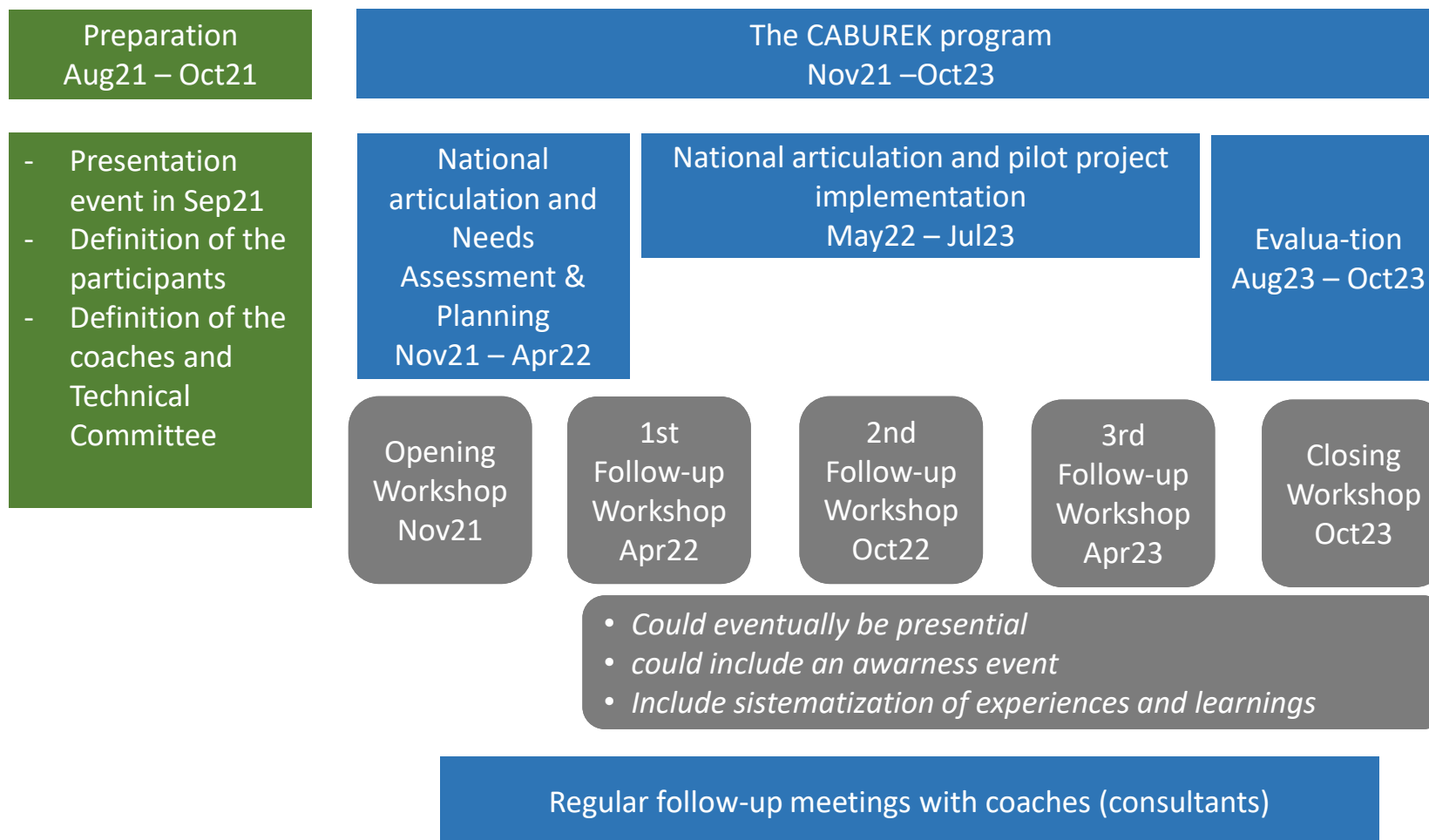
- To plan, organize and coordinate the Program as a whole
- To steer the course of action of the Working Groups
- To prepare, coordinate and evaluate the work carried out in the Workshops
- To provide inputs for strengthening the participants' hard and soft skills
- To follow up on the articulation and implementation of the national projects
- To offer permanent support and tutoring

**SIM M4DT  
Technical  
Committee**

**Possible members (aprox. 9) "Coaches":**

- At least one technical expert for each WG
- At least one management expert for each WG
- Other SIM representative, e.g. Chair, Vice-Chair of MWG 14
- 2 PTB consultants (Alexis Valqui, Mahdha Flores)

# The phases



# CABUREK Example: WG- Health

## Needs Assessment and National Articulation + Planning

## National articulation and implementation of pilot projects

## National results but with regional inputs

Panama

Legislation did not consider regulation of medical devices.  
Heads of the Health Sector were unaware of the importance of metrological assurance

Articulation with:

- *Technical Health Committee - political value*
- *Nat Commission of Metrology - they did not attend to health*
- *Awareness event*

Uruguay

Model approval and verification of sphygmomanometers, balances and clinical thermometers were already offered.  
Promote more services related to quality assurance of sterilization processes in health centers  
Other services need to be developed

- Articulation with: Ministry of Public Health (MSP), -
- State Health Services Administration (ASSE),
- Committee for Standardization and Quality Control (CECC), -Secondary Laboratory Network for Calibration and Technological University
- It was possible to sensitize the associated key actors through the sensitization workshop

Guyana

Survey to implement sphygmomanometer verification service

- Awareness within the INM and interested parties
- Skills development and equipment purchase
- Regional exchanges to develop the verification service

Jamaica

Identify all the activities necessary to achieve the objective of having a sphygmomanometer calibration service

- Articulation with the Minister of Health that had not been achieved in previous attempts made it easier for everything to flow
- Regional exchanges to develop service.
- Support flowed after awareness event

New Legislation (Metrology for health)

New regulations

Health sector authorities are aware of the importance of Metrology

Capacity development in NMIs for new services

NMI visibility for services

Agreement on Proficiency Testing

Permanent guidance from coaches / Tools (templates) / Development of soft skills



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# Next steps

#	What?	When?	Who?
1	Sending the formats for the declaration of interest	9th Sep	Organization Committee
3	Declaration of interest of participants	24th Sep	Interested NMI representatives
4	Formation of the WG	29th Sep	Organization Committee
5	Commitment letter from participants	15th Oct	Participants
6	Identification and definition of coaches (Technical Committee)	By end of Sep	Organization Committee
7	Preparation Meeting with coaches	By end of Sep	AV
8	First virtual CABUREK workshop	1st to 5th of Nov (13:00 – 17:00 UTC)	Technical Committee



# Participant's profile

## Expected requirements of the participants:

- Interest in the subject matter of your Working Group and your project
- Interest and personal qualities to integrate and interact with interdisciplinary, inter-institutional and multicultural work groups
- Willingness to share your knowledge and experiences
- Willingness to actively participate in learning processes
- Willingness to acquire and / or transfer skills related to project management and technical work
- Competencies for managing projects at the national level in the regional framework (Global vision to think globally, but act locally)
- Willingness to develop "soft skills"
- Do not expect blue prints

## What is expected of her/him involvement:

- Commitment to actively participate 2 years in the CABUREK process to comply with work guidelines, group objectives and participation in exchange spaces of the Program (including trips outside of their place of residence, if applicable)
- Participate in the preparation, implementation and monitoring of the five CABUREK workshops to be held in Nov 2021, Apr 2022, Oct 2022, Apr 2023 and closing Oct 2023.
- Actively participate in the meetings of his WG, face-to-face (if applicable) and virtual.
- He or she is responsible for his component and coordinates with the other participants of his national team.
- Present semi-annual work plans and periodic reports, based on the templates and procedures provided by the project (\*)
- To coordinate and lead the national project and be the point of contact for CABUREK (\*)  
(\* ) If there is a national team, these commitments correspond to the team coordinator who also receives support to travel to the host country of the face-to-face workshop.



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