

The background of the slide features a close-up of a person's hand holding a glowing, spherical network of white lines and nodes. The nodes are small circles, some of which are highlighted in a light blue color. The overall aesthetic is clean and modern, with a focus on technology and global connectivity.

Report of PTB International Cooperation to SIM General Assembly

November 20, 2020

Structure

- (1) COVID-19
- (2) Selected Activities & Milestones
- (3) Projects in Implementation and in Preparation



<https://www.covid19.ptb.de/>

with a link to
BIPM COVID-19 site:

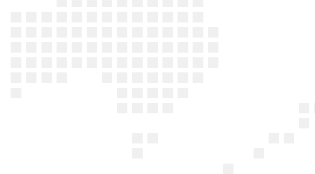


PTB's International Cooperation Department has established an interdisciplinary expert task force concerning the following topics:



BIPM Covid-19 Response

highlighting main topics of
interest



BIPM - METROLOGY

IN THE FIGHT AGAINST COVID-19

The Bureau International des Poids et Mesures, BIPM, is the intergovernmental organization through which Member States act together on matters related to measurement science and measurement standards.

The BIPM bundles the information from the NMIs of the world regarding their work to combat the corona pandemic and thus provides an excellent overview filled with valuable information.

Selected Activities & Milestones.



Transition to fully remote project implementation and activities

- development of virtual formats for workshops, steering committee meetings, knowledge exchange formats
- temporal extensions for most projects agreed with German Ministry
- cooperation management through nearly complete home office since March 2020

Various activities with SIM / SIM Members

- Activities with Quality Infrastructure Council of the Americas



QICA:

- presentation at **WTO TBT Committee** Seminar on National Quality Infrastructure, Nov 2019, Geneva
- **virtual workshops** on determination of calibration intervals and risk evaluation within ISO/IEC 17025:2017, Oct and Nov 2020

- **Metrology for Digital Transformation:** support of Workshop, June 2020, 100+ participants from 20+ SIM NMIs



Selected Activities & Milestones: Projects.



Quality Infrastructure for Renewable Energy and Energy Efficiency in Latin America and the Caribbean

- 2016-2020, German contribution: 3 million €
- observed impacts:
 - increased number of policy documents or programmes that include requirements for conformity assessment according to international standards
 - improved metrological preconditions to enable efficient feed-in of power from renewable energy sources
 - improved technical preconditions for the implementation of energy efficiency programmes
 - new internationally recognizable QI services for the efficient use of renewable energy facilities

Selected Activities & Milestones: Coming Up Soon.



covid19.ptb.de

Development of Basic Metrology Infrastructure to Support Medical Testing Equipment

Objective: Exchange and dissemination of existing experiences and knowledge between NMIs, industry, national health systems and secondary calibration

Support to the development of low-cost mechanical ventilators that can be designed by SIM NMIs and produced by the private companies or the government

11/2020 - 10/2021, 100.000 €

Preparation of „De acuerdo“ Magazine, 8th Edition – „Sustainable Development“

- 14 articles
- written by scientists from SIM NMIs and journalists
- pre-launch on November 18
- www.revistadeacuerdo.org



Projects: in implementation and **in preparation**

	Economic Development	Energy	Climate & Biodiversity; Nat. Ressources	Water & Sanitation
Regional	Circular Economy		Regional Fund BioDiv & Climate	
Subregional	Caribbean (EU funded)	Caribbean II, MERCOSUR II		
National	Colombia (German Gvt. & EU funded)	México, Ecuador, Bolivia	Perú, Guatemala	Bolivia, Nicaragua
		Brazil II		

Muchas gracias
Muito obrigado

Merci

Thank you
Dank u wel