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 light blue and white color palette.

# International Cooperation of PTB

## SIM General Assembly, Santa Cruz, Bolivia

Sept. 26-27, 2019

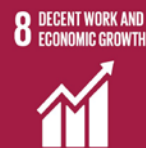
# Structure

- (1) Current Projects
- (2) Selected Activities & Milestones
- (3) Projects in Preparation



## Current Projects.

	Economic Development	Energy	Climate & Biodiversity; Nat. Ressources	Water & Sanitation
<b>Regional</b>		Renewables & Efficiency	Regional Fund BioDiv & Climate	
<b>Subregional</b>	Caribbean (EU funded)	Caribbean, MERCOSUR		
<b>National</b>	Colombia (EU funded)	México, Brazil, Ecuador, Bolivia	Perú, Guatemala	Bolivia, Nicaragua



## Selected Activities & Milestones.

### Various activities with SIM / SIM Members

- Participation at SIM GA
- Activities with Quality Infrastructure Council of the Americas **QICA** (e.g. 17025 Workshop, exchange with National Accreditation Bodies, July in Paraguay)
- SIM **Density** workshop; Costa Rica, June 2019
- 2 Workshops for experience exchange on **Metrology and Digitalization** with 23 scientists from 8 NMIs (Peru) 20 scientists from 7 NMIs (Colombia) – in close cooperation with IDB; Feb. 2019



### Preparation of „De acuerdo“ Magazine, 7th Edition – „Food“

- 14 articles about „Food“
- written by scientists from SIM NMIs and journalists from 11 countries
- transfer from LATU to SIM, maintaining some support of PTB
- launch on September 26
- [www.revistadeacuerdo.org](http://www.revistadeacuerdo.org)

# Example: Regional Fund QI for Biodiversity and Climate Protection

## Regional Certification of Reference Material for Quinoa

### Participating Institutions

INTI (Argentina), ISP (Chile), IBMETRO (Bolivia), INM (Colombia), INEN (Ecuador), INACAL (Peru), LATU (Uruguay)

### Results

- 59 new measurements with metrological traceability in the participating countries
- Certified Reference Material available in the 7 countries
- Interlaboratory Comparisons / Proficiency Testing Service in the participating countries

### Next Steps

- INM, ISP and INACAL will organize proficiency tests between now and the first quarter of 2020.
- Sale of CRM in Bolivia and Ecuador to testing laboratories and Quinoa producers in 09/2019.
- LATU and INTI: market research to organize a proficiency test.
- Generation of a secondary lot by IBMETRO, INACAL, INEN from the primary MRC by 11/2020.



# Project Evaluation: QI for Green Economy

## Observations & Conclusions

- topic of *Green Economy* was not a part of the agenda for many QI-Institutions
- a seed was planted to foster the link of QI with Green Economy
- QI was established as a reference in some topics
- participation of Caribbean institutions was strong

## Recommendations

- continue to stimulate the exchange between QI and *Green Economy*
- document and disseminate experiences
- future topics: Circular Economy with focus on plastics and environmental footprints



## Projects in Preparation.

	Economic Development	Energy	Climate & Biodiversity; Nat. Ressources	Water & Sanitation
<b>Regional</b>		Renewables & Efficiency	Regional Fund BioDiv & Climate	
	<b>Green Economy</b>			
<b>Subregional</b>	Caribbean (EU funded)	Caribbean, MERCOSUR		
		<b>MERCOSUR</b>		
<b>National</b>	Colombia (EU funded)	México, Brazil, Ecuador, Bolivia	Perú, Guatemala	Bolivia, Nicaragua
	<b>Colombia</b>	<b>Ecuador</b>		

1 NO POVERTY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



7 AFFORDABLE AND CLEAN ENERGY



13 CLIMATE ACTION



6 CLEAN WATER AND SANITATION



17 PARTNERSHIPS FOR THE GOALS



Muchas gracias  
Muito obrigado

Merci

Thank you  
Dank u wel