Panelist

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Post-Pandemic Resilience through STI: Practices in Education, Health, and Food Systems

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Outline

- Impacts of COVID-19 on SDGs and Response Strategies
- STI Practices for Better Resilience while Achieving SDGs
- Science, Technology and Innovation (STI) Cases
- Conclusion
Impacts of COVID-19 on SDGs and Response Strategies

COVID-19 Impacts

- Setbacks in SDGs with cross-sector issues & disproportional impacts on vulnerable people

Advantages of the Taiwan Model

- Comprehensive and connected eco-system
- Smart technology
- Public-Private-People Partnership (PPPP)
- International cooperation

The TaiwanICDF’s Strategies to 2030

- Food security & rural development
- Health
- Learning & capacity building
- Governance
- Climate change & sustainable environment
- Economy development & global partnership
STI Practices for Better Resilience while Achieving SDGs

Digital Environment and Capacity
Application of ICT for Educational Development Project

Digitalized Information and Data
Health Information Management Efficiency Enhancement Project in Paraguay

Diversified Application
• COVID-19 Cases Monitoring System
• Surubi Fingerling Breeding and Cultivation Project

Science Technology Innovation
The Application of Information and Communication Technology for Educational Development

STI Practices for Digital Environment and Capacity

- Building Smart Classroom Environments
- Inspiring Teacher Engagement
- Enhancing Digital Capacity
- Establishing Online Educational Platforms

2 Primary Schools
4 Secondary Schools
STI Practices for Digitalized Information & Data

Health Information Management Efficiency Enhancement Project in Paraguay

- Introduced Health Information System (HIS)
- Digitalized health and medical records
- Linked hospital information to National Health System
- Developed case tracking function
- Developed tele-consultation function in HIS for social distancing
STI Practices for Diversified Application

Map of Disease – a Taiwanese volunteer is utilizing GIS skills to help monitor diseases, such as Dengue Fever and Coronavirus, in St. Vincent & the Grenadines

GIS

Help aggregate and integrate data into one database

Change the way GIS data is collected and processed

Enhance data visualization for analyses and planning

Provide capacity building in GIS knowledge and modelling
STI Practices for Diversified Application

Surubi Fingerling Breeding and Cultivation Project

- Application platform
  - Building connections between aquaculture producers and consumers during lockdown
  - Providing direct links and bridging the distance between producers and consumers
  - Sustaining sales activities and avoiding unnecessary contact to prevent the spread of COVID-19
  - Covering other livelihood supplies including dairy, honey, fruits, and vegetables in the near future
Innovative Global Partnerships Catalyzed by the Pandemic

Financing Tools for Economic Reactivation Post COVID-19

Providing catalytic capital to the Women’s Livelihood Bond (WLB) Series to support underserved women and girls in South and Southeast Asia in transforming to sustainable and COVID-resilient livelihoods.

Benefit corporation

fundación paraguaya

Executing agency

Focus on the role of social impact in financing sustainable development.

Paris Declaration on Aid Effectiveness

- Harmonization
- Ownership
Emergency Support and Preparedness Program for COVID-19 and Economic Reactivation

TaiwanICDF Loans

Other Cofinanciers EU/EIB/KfW

Credit to Finance Public Sector Operations

Financial Sector Support Facility for MSMEs

On-lending to:
Governments and public sector institutions

On-lending to:
Public and private banks, nonbank financial institutions, cooperative and savings banks

Subproject 1
Country A

Subproject 2
Country B

Subproject 3
Country C

Subproject 1
MFI A

Subproject 2
MFI B

Subproject 3
MFI C

Innovative Global Partnerships Catalyzed by the Pandemic

Harmonization

Ownership

Partnerships for Progress and Sustainable Development
Conclusion

**Comprehensive**
- Assisting partners in building digital platform and capacity, making use of data, and applying STI in the post COVID-19 era
- Designing cross-sector solutions to enhance total resilience

**Proactive**
- Supporting financial institutions and MSMEs overcome the COVID-19 pandemic
- Creating new SDGs tools with STI development
- Innovating new applications of STI for achieving SDGs by 2030

**Partnership**
- Expanding scope of cooperation and sharing best practices with international allies and partners
- Strengthening Public-Private-People Partnership (PPPP)
- Cooperating with bilateral and multilateral development partners
Thank you!  A Better World, A Brighter Future