

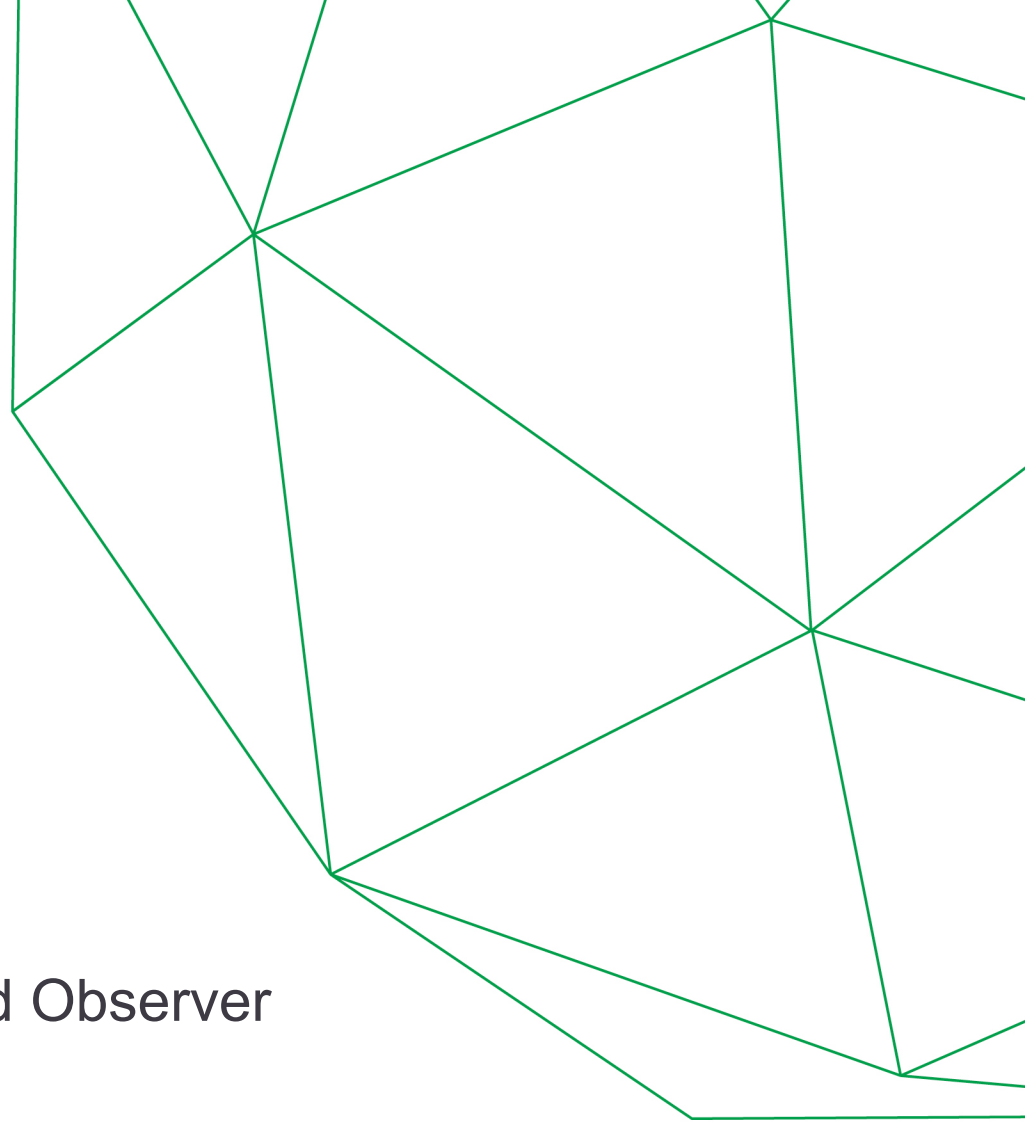
GREEN  
CLIMATE  
FUND

**GCF REGIONAL DIALOGUE**  
with WITH THE PACIFIC & ASIAN SIDS

# **An Introductory Presentation: harnessing linkage between climate finance and technology**

**Exsley Taloiburi**, Head of Multilateral Governance and Observer  
Engagement

**Rarotonga, Cook Islands**  
6–9 May 2025



# Mandate & Governance related to GCF support for Technology

## Mandate for Technology

- **Governing Instrument** “Board shall also ensure adequate resources for capacity-building and **technology development and transfer**”
- **Guided by relevant COP/Board mandates**, the GCF supports technology development & transfer through readiness, projects, and programmes

## Latest COP decisions relevant to GCF support for technology

- **Welcomes** “**continued collaboration** of the Board with the Climate Technology Centre and Network and the Technology Executive Committee”
- **Encourages the GCF to continue** “**collaborating with the Climate Technology Centre and Network** to enhance access to technology for developing countries, maximize impact and strengthen coherence”

## Engagement with CTCN AB Chair and Vice Chair

- **During GCF’s 9th Annual Dialogue with the Constituted Bodies**, the CTCN AB Chair and Vice-Chair provided suggestions to the GCF Co-Chairs, including:
- Increasing participation of NDEs in GCF regional dialogues.
- Leveraging PALO as a dedicated liaison between GCF and CTCN.

# GCF support for technology (1)

## Windows of GCF support for technology

- **Readiness and Preparatory Support Programme** - [readiness strategy 2024-2027](#) provides enhanced capacity-building support via an integrated approach
- **Projects and Programmes window** – with [USP2 2024-2027](#), strong provisions exist for GCF to continue its support for technology development and transfer, including dedicated targets and collaboration with TM.
- **Technology incubation and acceleration** – FPs supporting the technology incubation and acceleration under development and implementation.
- **IRMF core indicator 6** for monitoring support for technology. **GCF project [template](#)** requesting AE to elaborate on technology support in their FPs (section C.3)

## 13<sup>th</sup> Annual Report to COP, 31 July 2023 - 1 August 2024

- Working through 22 DPs\*, **USD 79.88 million** has been allocated towards **109 climate technology-focused readiness** proposals, including 31 grants by CTCN DP.
- **Around 78% of GCF projects** include at least one project technology component. (Adaptation 41%, Cross-cutting 33%, Mitigation 26%) **Table 1** of the Report provides a non-exhaustive list of GCF support for technology provided through GCF projects
- GCF also reported on the Board approval of **FP240** by KDB, which advanced GCF's mandate on technology incubators and accelerators.
- **Extensive engagement with the TM** continued over the reporting period, including through cross participation in TM & FM events (NDE Forum, GCF regional Dialogues, webinar)

# GCF Support for technology (2)

## GCF supporting countries in their pursuit of achieving technology ambition

- **TNAs provide relevant policy framework** for the formulation of grant proposal
- DP to identify and prioritize appropriate **climate technologies and solutions, including Technology NA and Technology Action Plans.**
- Important **NDA-led national consultation** benefits from relevant focal points, **NDE, TNA FP.**

## GCF FPs benefit from TNAs in supporting relevant country vision and actions

- **Build on the outcomes of TNA** (e.g., identification of priority areas, technology solutions)
- **Offers country strategic context** in relation to technology needs
- **Supports identification and application of best practices** depending on country's context

Rarotonga, Cook Islands



# Thank you

# Forward-thinking: Co-creating the role of UNFCCC mechanisms for climate action in the Pacific and Asian SIDS

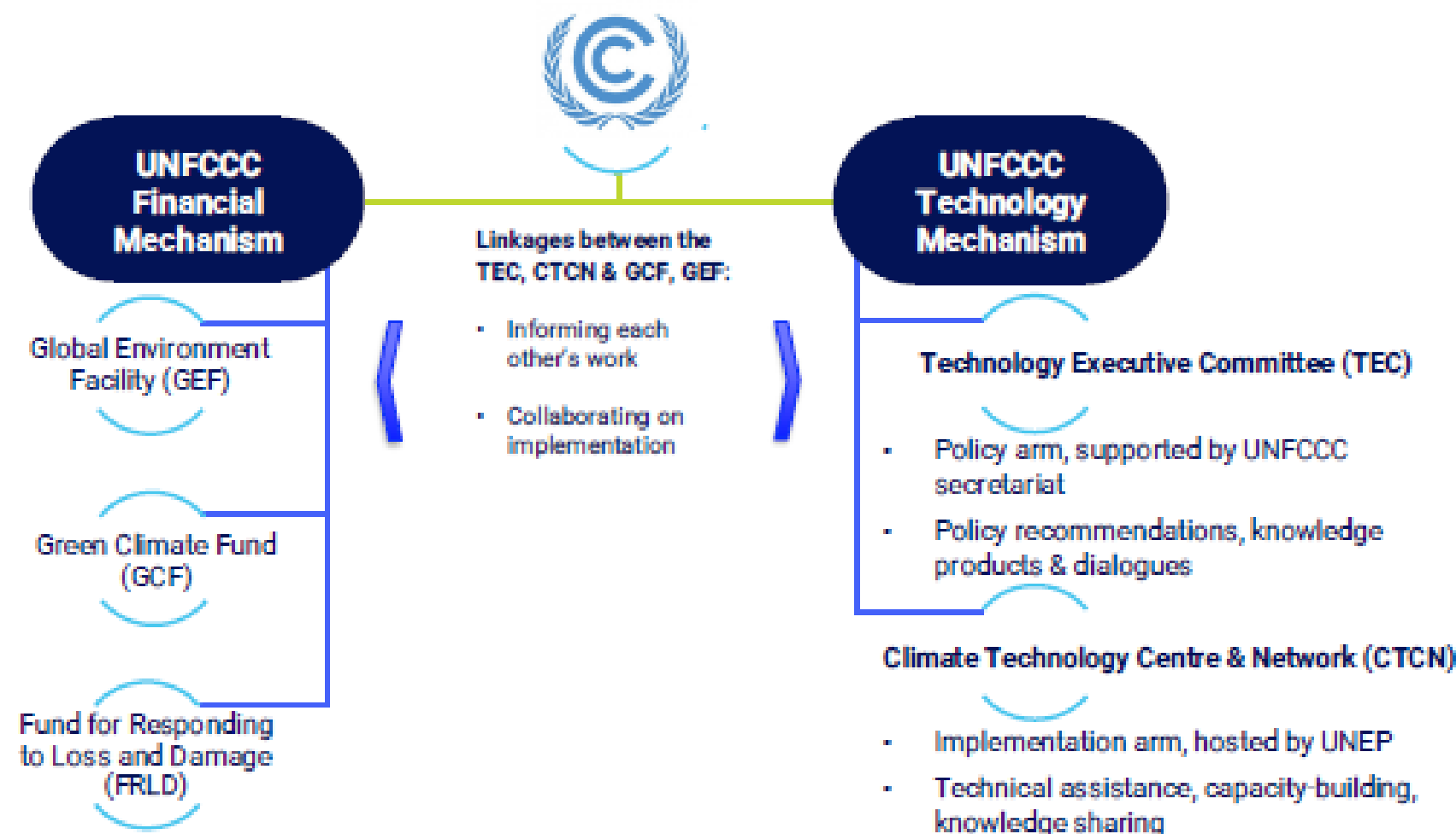
Structured Dialogue with the Pacific and Asian SIDS, 2025 May  
CTCN Secretariat



# Who We Are: UNFCCC Technology Mechanism



United Nations Climate Change  
Technology Executive Committee



Established in 2010, the Technology Mechanism is comprised of the TEC and the CTCN. Both bodies work together in a synergistic way under a joint work programme.

Joint Work Programme of  
the Technology Mechanism  
(2023-2027)

TEC Rolling Workplan  
(2023-2027)

Joint Activities  
Common Areas of Work

CTCN Programme of Work  
(2023-2027)

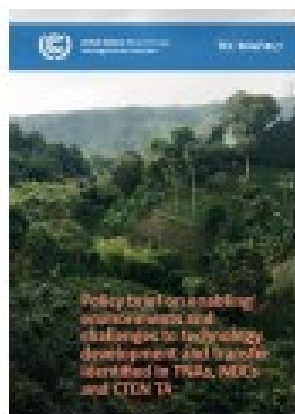
# TEC: Advancing technology policy with the CTCN, GCF & GEF



United Nations Climate Change  
Technology Executive Committee

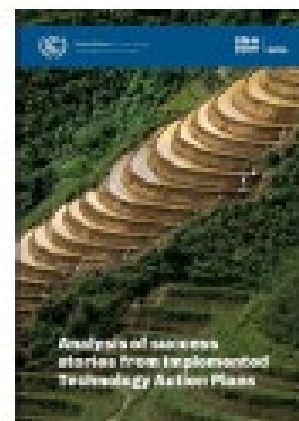


## Technical research and evidence gathering



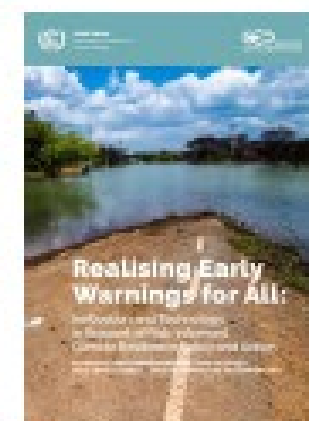
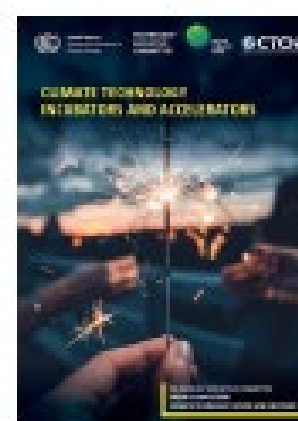
Findings from stimulating technology uptake in support of NDC & TNA implementation through support by GEF, GCF & CTCN

## Compilation & synthesis of information



Data, examples & findings from GEF, GCF & CTCN support to climate technologies

## Analysis & knowledge sharing



Insights from the review of GEF, GCF & CTCN portfolio on specific innovation & technology issues

+ more



# CTCN: Snapshot of 10 Years



**500+**

requests for technical assistance received



**370+**

technical assistance projects implemented



**1.5bn**

of anticipated funding leveraged\*\*

\*\*Calculated considering a yearly operational budget of USD 10 million



**110+**

Developing countries benefiting from CTCN technical assistance, of which 38% are LCDs and 16% are SIDS



**6,900+**

trained individuals



**3-4**

capacity building initiatives per month on average

**200+**

Million anticipated beneficiaries



**10-15m**

expected tonnes of CO<sub>2</sub>e reduced per year\*

\*Average annual GHG emission potential based on the full implementation of the technology solutions proposed

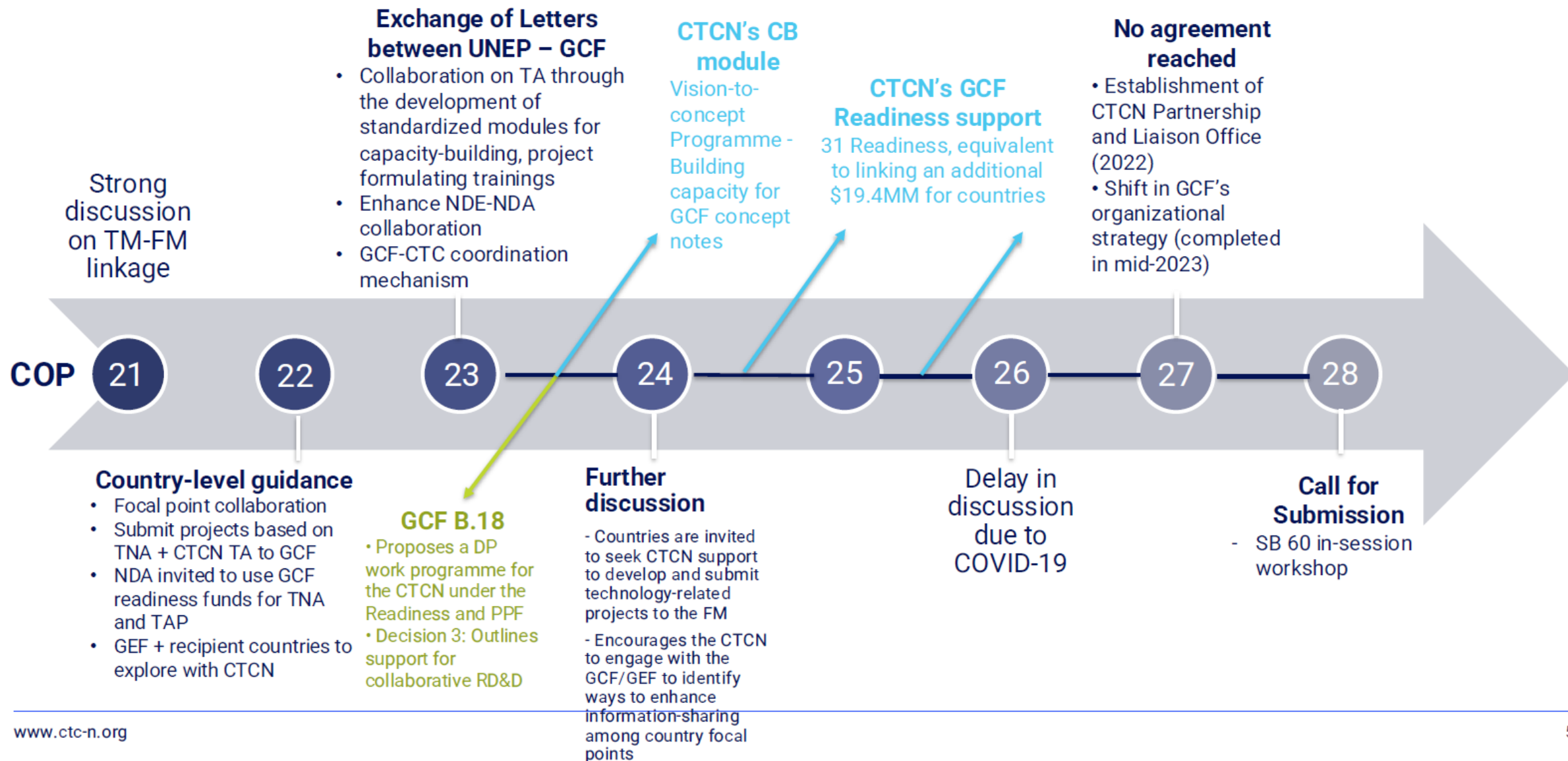


**840+**

Network members



# History of intergovernmental progress on TM-FM linkages



# Post-COVID: NDE-NDA coordination (with GCF)

## Consideration point

- Joint Work Programme of the Technology Mechanism (2023-2027)

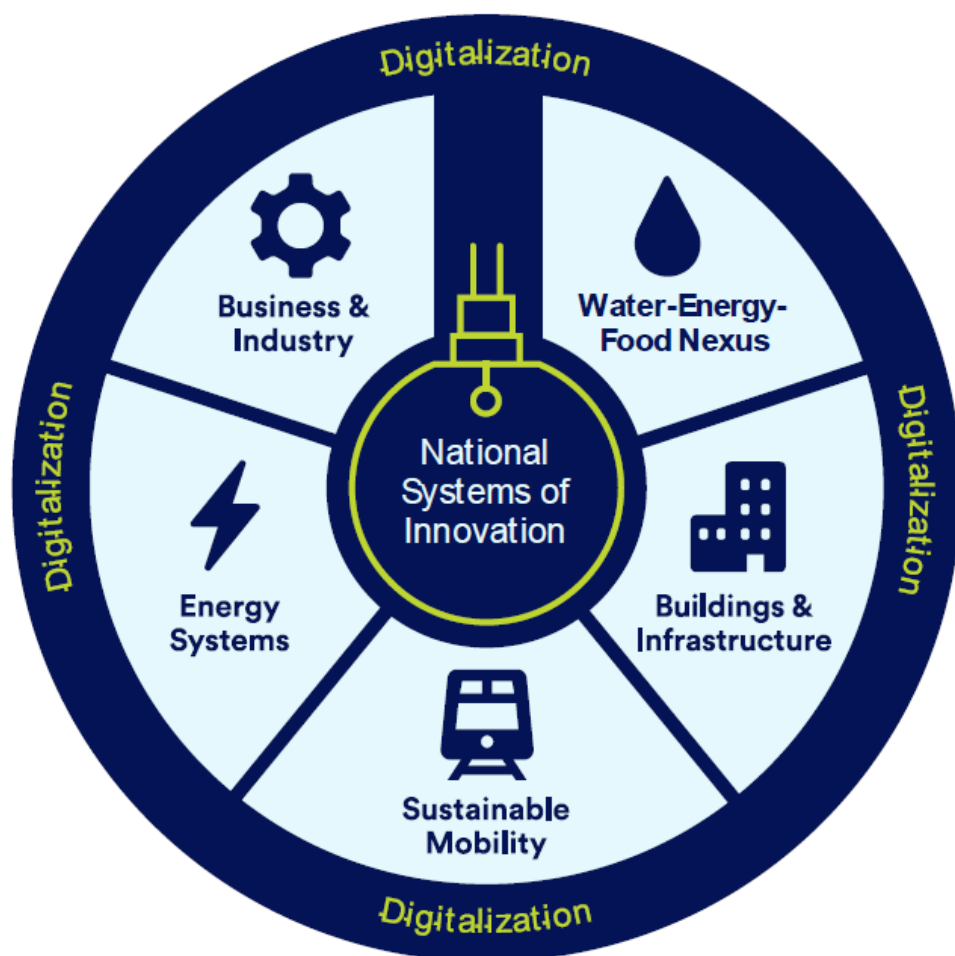


# Post-COVID: Project-level collaboration (with GCF)

## Consideration points

- Establishment of CTCN Partnership and Liaison Office (2022)
- Shift in GCF's organizational strategy (completed in mid-2023) and structure (undergoing)





## 21 Technical Assistance projects supported 5 TAs under implementation & design



Fiji



Nauru, PNG, Solomon Islands,  
Vanuatu



Maldives, Nauru, PNG, Timor-  
Leste, Solomon Islands, Tonga,  
Vanuatu



N/A



Kiribati, Maldives, Marshall  
Islands, Palau, Samoa,  
Solomon Islands, Vanuatu

# 2024-2025 Requests Overview

## Fiji

Technical capacity enhancement for climate-resilient agriculture through the revision of national policies and the improvement of data management systems

## Maldives

Feasibility study on green hydrogen potential in Maldives and development of a national roadmap for sustainable energy transition

## Papua New Guinea

Pre-feasibility study on Ocean Energy focusing on Salinity Gradient Energy Technology and Electrochemical Ocean Thermal Energy Conversion

## Vanuatu

Development of a Green Building Roadmap



# Lessons learned

- Simplified governance (i.e. Same officer for NDE-NDA) smoothens our collective support
- New liaison officer of the Fund to consult with NDEs for climate technology activities of a country's GCF project under development, and the NDEs to include the new liaison officer as a steering committee member of TA projects
- Given the shared technological needs of Pacific countries, it is advisable to consider multi-country TA (e.g., coastal erosion and renewable energy) and the development of a technology roadmap (e.g., for green building practices and net metering policies) could be beneficial for implementation across multiple countries within the region.

