PATHWAYS TO ACTION

Prioritizing Strategic Interventions for the Uptake of Nature-based Solutions (NbS) in the Caribbean

8th & 9th October 2024

THE UNIVERSITY OF THE WEST INDIES

futureearth Research. Innovation. Sustainability.

GORDON AND BETTY MOORE FOUNDATION

CCRIF SPC The Caribbean Catastrophe Risk Insurance Facility

NBS - ENGROSSED ENGINEERED FOR SUSTAINABLE DEVELOPMENT

75

persons registered for the workshop virtually or in-person

18

countries across the Caribbean, Central America, North America & Europe were represented

66%
Attended in person

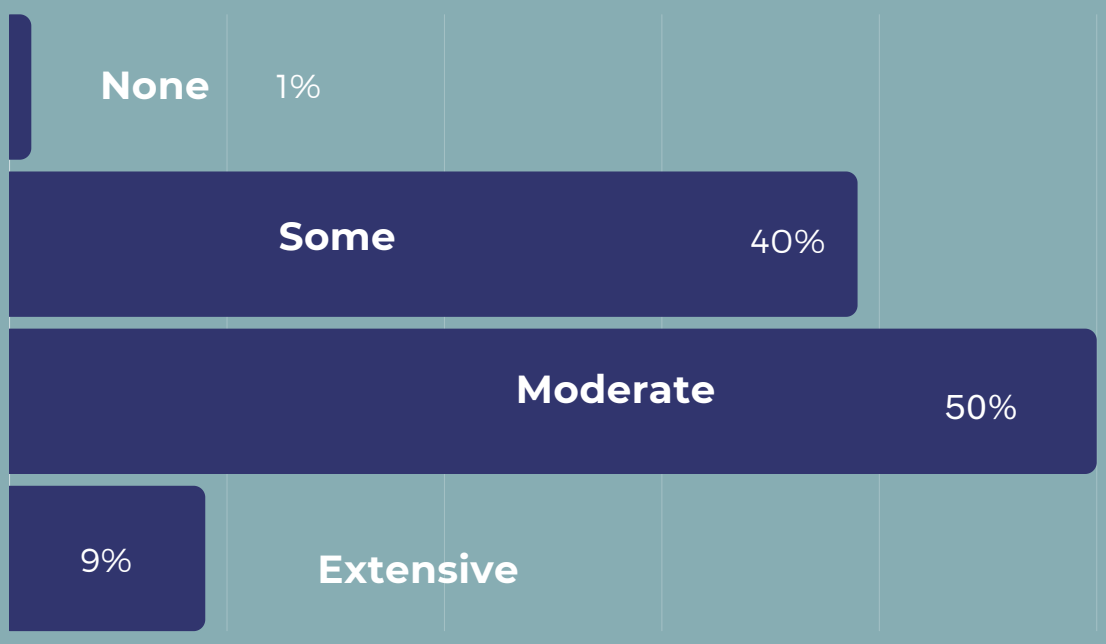
34%
Attended online

Gender Representation

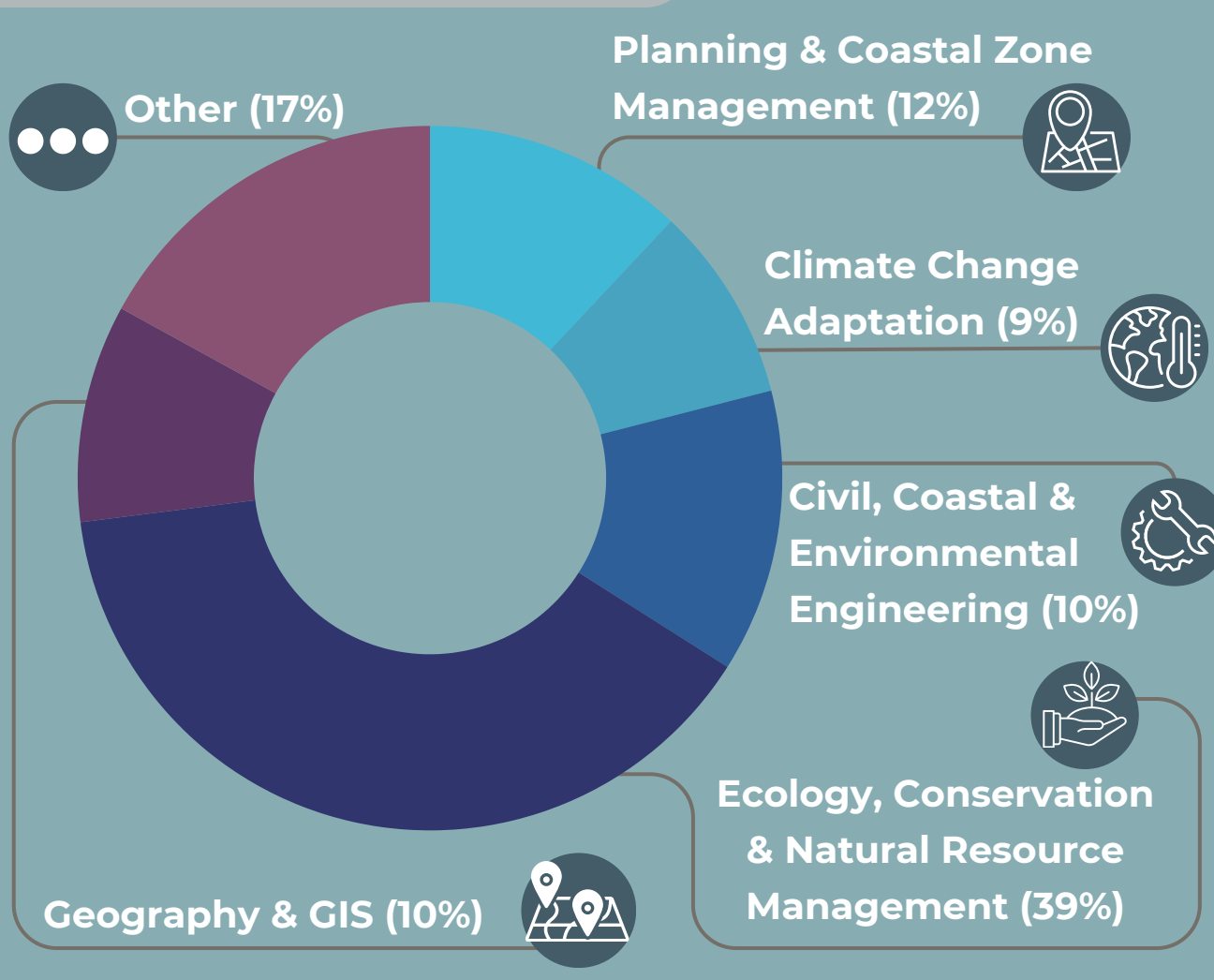
56%
MALE

44%
FEMALE

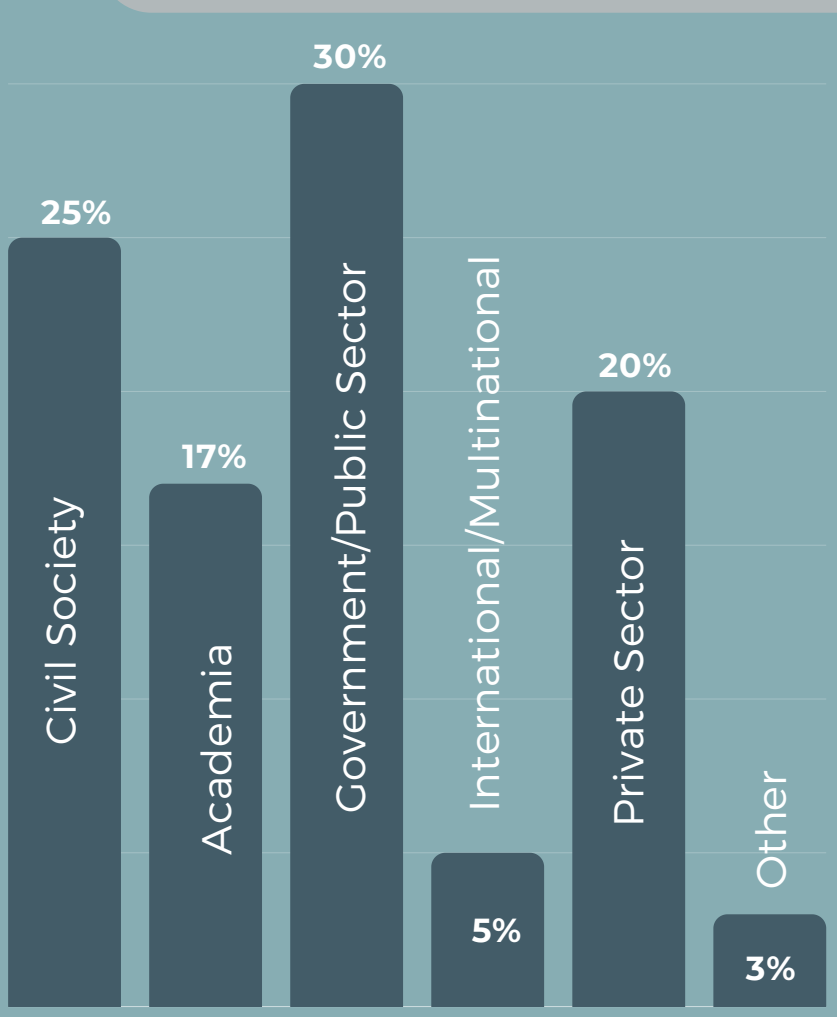
Knowledge of NbS



Specialization of attendees



Sector representation



FINANCE

- Explore financial incentives & disincentives
- Develop a robust framework & research agenda for financial risks & opportunities related to Nature-based Solutions

PARTNERSHIPS

- Develop a robust national Integrated Coastal Zone Mangement Plan
- Strong focus on communication and capacity building at all levels

GOVERNANCE & DECISION-MAKING

Incorporate Nature-based Solutions into policy and legislative development

IMPLEMENTATION CAPACITY

Focus on professional development and capacity building at all levels of decision making

STRATEGIC AREAS FOR INTERVENTION

HARD ENGINEERING DEFAULT

Increase technical training and capacity building for all stakeholders

INFORMATION, EDUCATION, DATA & DISSEMINATION

Integrate Nature-based Solutions into primary level education

MARINE & TERRESTRIAL VARIABILITY IN SIDS

Utilize community-based participatory approaches

Validation of the Causal Loop Diagram (CLD)

Further validation of the CLD determined several additional changes to be made. Changes included:

→ Additions, e.g., gender-sensitive approaches; open data sharing policies; cost-benefit analysis

→ Additional connections, e.g., prioritization of short-term solutions (+) ⟶ bias towards hard engineering; translation of science (+) ⟶ inclusion of indigenous & traditional knowledge

→ Consolidations e.g., local funding opportunities & global financing for NbS

A snapshot of...

Hopes

"Greater funding for, and acceptance of, NbS projects throughout the Caribbean"

"Continued collaboration and partnership"

"Better integration of NbS into Caribbean coastal adaptation solutions"

"Resilient coastlines that safeguard ecosystem services"

Fears

"The outcomes of this workshop may not be fully realized."

"The slowness of NbS to replace hard/grey solutions compared to the speed of sea level rise"

"Everything remains the same"

"Excellent practical ideas without adequate funding to implement"

Next Steps

- Continue data collection in the field, & through numerical & physical modelling
- Update & disseminate the Causal Loop Diagram
- Strengthen strategic partnerships

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