

An aerial photograph showing a dense forest of trees with green and yellow foliage on the left, bordering a sandy beach and a clear, turquoise body of water on the right.

proteus

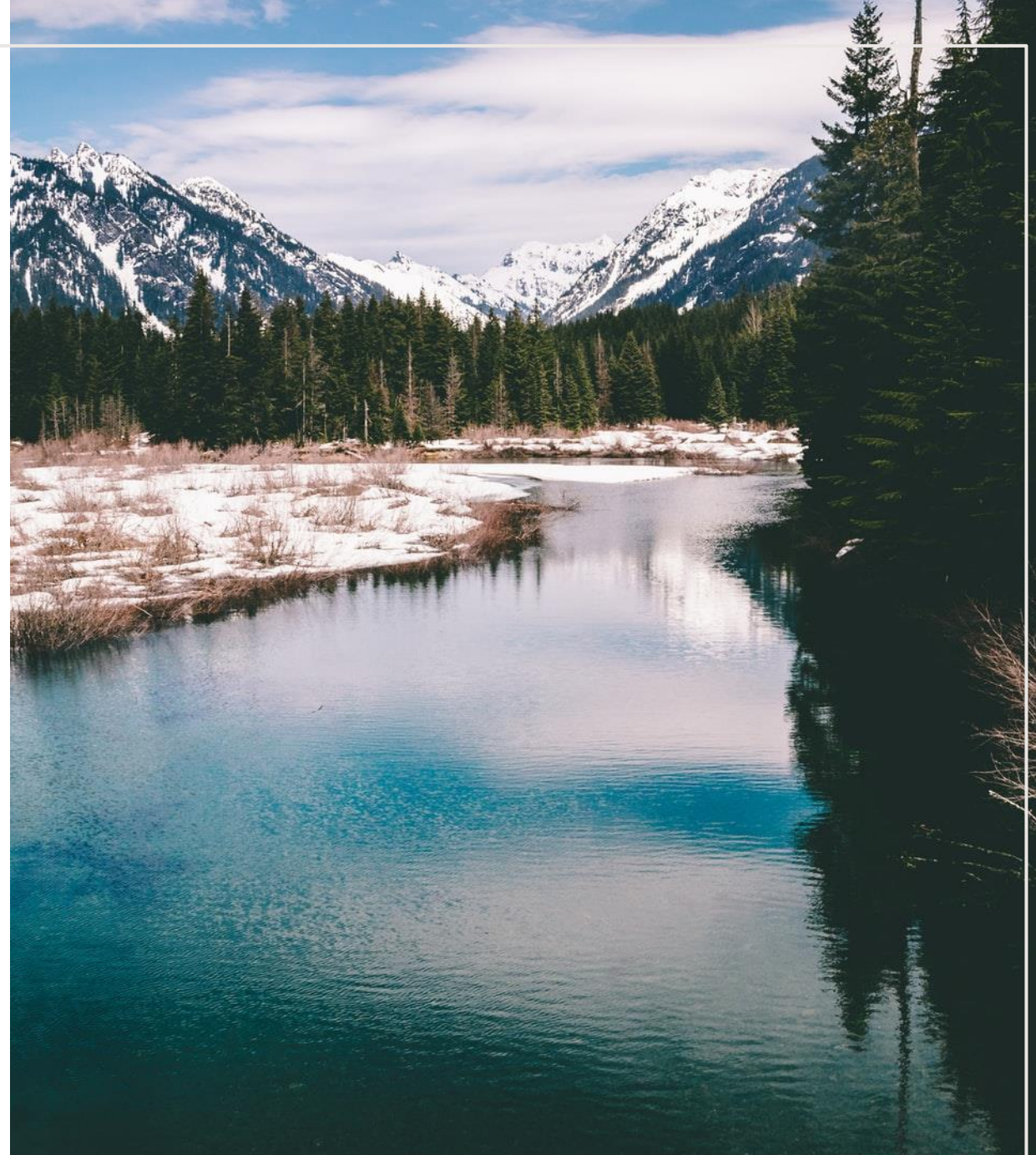
Data Forum:
Restoration data
priorities across marine
& terrestrial realms

Hazel Thornton & Cristina Telhado

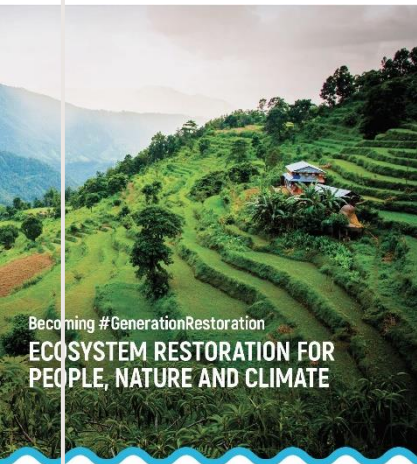
24TH NOVEMBER 2021

TODAYS SESSION

- Introduction
- Overview of current data, platforms and tools
- Your input
 - Menti questions
 - Breakout group discussion
- Summary & next steps



DEGRADED ECOSYSTEMS AFFECT ESSENTIAL SERVICES

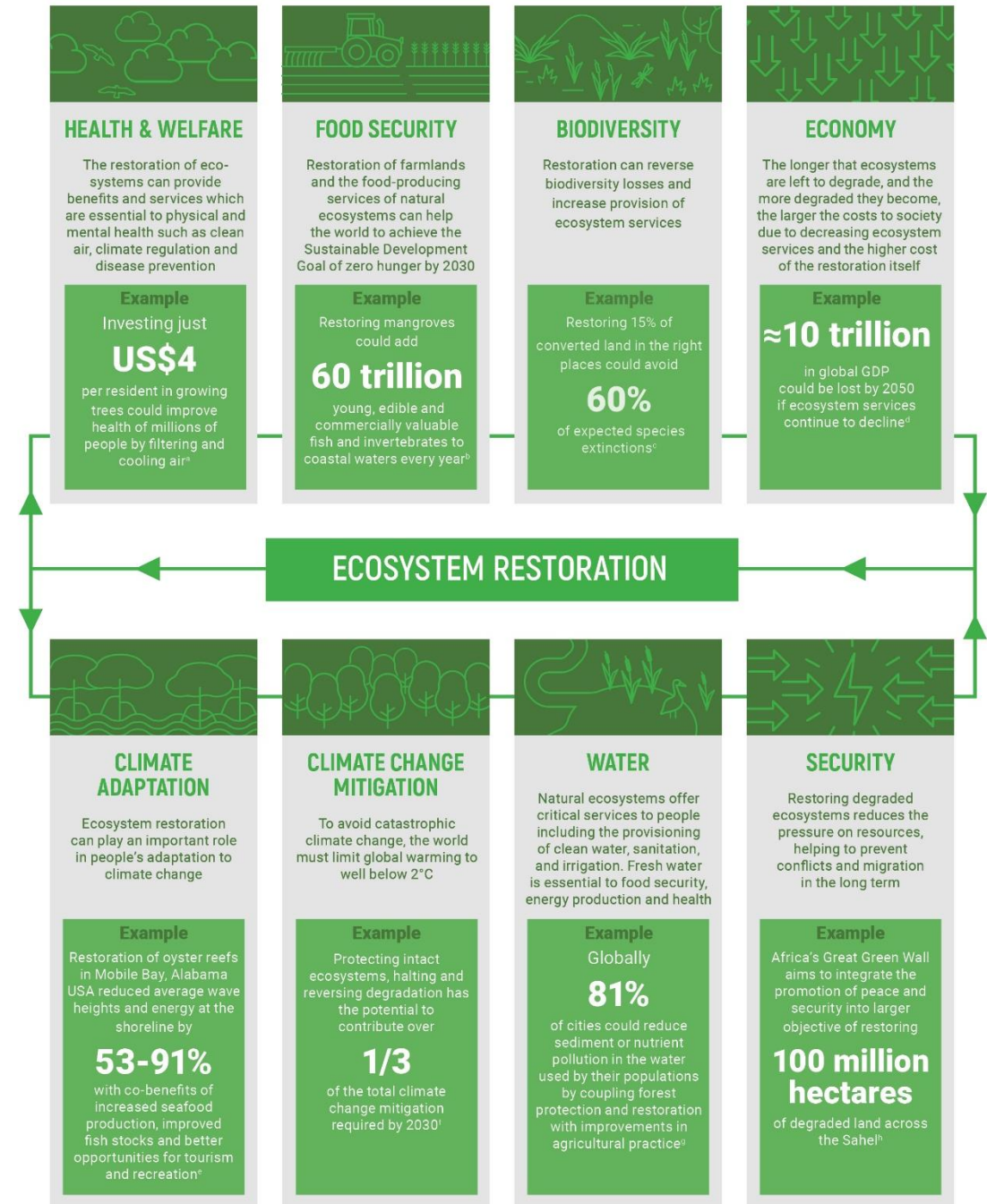
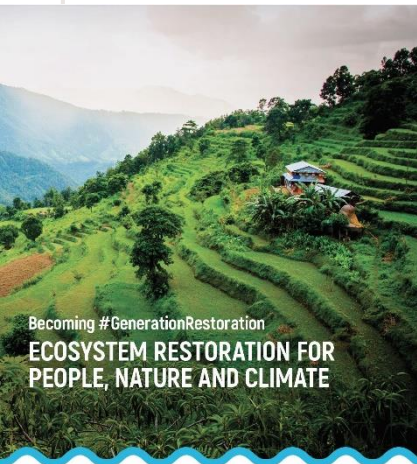


Becoming #GenerationRestoration
ECOSYSTEM RESTORATION FOR PEOPLE, NATURE AND CLIMATE



*FAO 2016a, ^bFoley et al. 2011, ^cUNCCD 2017, ^dFAO and UNEP 2020, ^eFAO and UNEP 2020, ^fLehner and Döll 2004, ^gDunbar et al. 2019, ^hReid et al. 2020, ⁱDudley et al. 2020, ^jUNCCD 2017, ^kRomeo et al. 2020, ^lIPCC 2019, ^mNOAA 2020a, ⁿIPBES 2019, ^oFAO 2016b, ^pJoosten 2009, Kirpotin et al. 2021, ^qBonn et al. 2016, ^rFAO 2020a, ^sUN Habitat 2020, ^tUN-Water, 2021

HEALTHY, RESTORED ECOSYSTEMS PROVIDE MANY BENEFITS



^aDasgupta 2021, ^bWorthington and Spalding 2018, ^cStrassburg et al. 2020, ^dJohnson et al. 2020, ^eFodrie et al. 2017, ^fGriscom et al. 2019, ^gAbell et al. 2017, ^hGreat Green Wall 2021

GLOBAL MOMENTUM



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



THE PROBLEM:

The objectives of the 2030 Agenda for Sustainable Development will not be achieved without large-scale restoration of degraded terrestrial, freshwater & marine ecosystems globally.

THE VISION:

A world where – for the health & wellbeing of all life on Earth & that of future generations – we have restored the relationship between humans & nature, by increasing the area of healthy ecosystems, & by putting a stop to their loss, fragmentation & degradation.

GOALS:

1. Enhancing global, regional, national & local commitments & actions to prevent, halt & reverse the degradation of ecosystems
2. Increasing our understanding of the multiple benefits of successful ecosystem restoration
3. Applying knowledge of ecosystem restoration in our education systems & within all public & private sector decision-making

GLOBAL MOMENTUM



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030

proteus ↔



THE PROBLEM:

The objectives of the 2030 Agenda for Sustainable Development will not be achieved without large-scale restoration of degraded terrestrial, freshwater & marine ecosystems globally.

THE VISION:

A world where – for the health & wellbeing of all life on Earth & that of future generations – we have restored the relationship between humans & nature, by increasing the area of healthy ecosystems, & by putting a stop to their loss, fragmentation & degradation.

GOALS:

1. Enhancing global, regional, national & local commitments & actions to prevent, halt & reverse the degradation of ecosystems
2. Increasing our understanding of the multiple benefits of successful ecosystem restoration
3. Applying knowledge of ecosystem restoration in our education systems & within all public & private sector decision-making

PLATFORMS & TOOLS

Multitude developed independently

Often these are:

- Single ecosystem (predominantly terrestrial)
- Single region / nation
- Single / few ecosystem services
- Non-commercial
- Mapping existing projects

Welcome to the Framework for Ecosystem Restoration Monitoring (FERM)



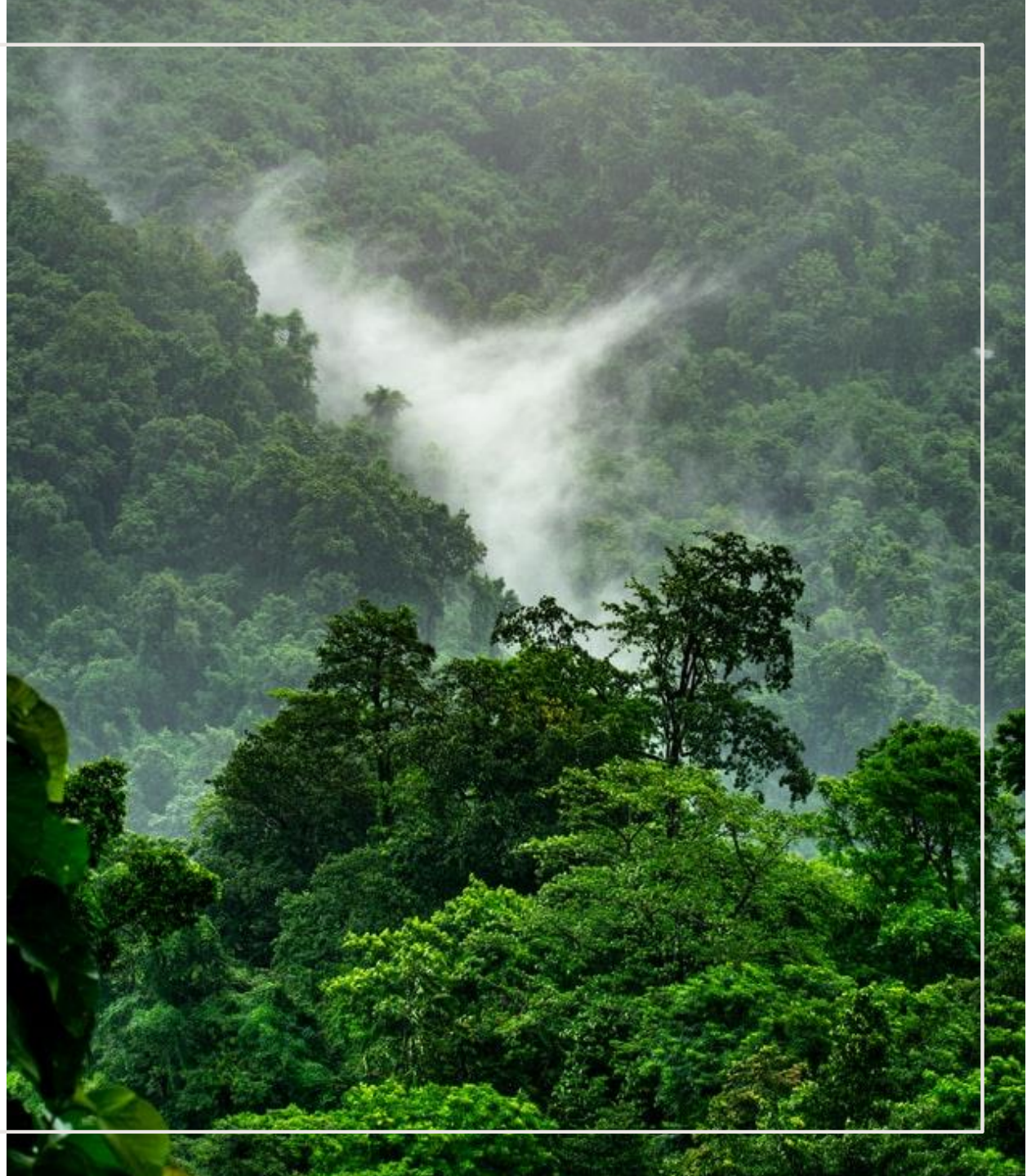
LOOKING FORWARD

- Tailored data layers on restoration opportunities for land and sea
- Considering multiple ecosystems
- Considering multiple benefits
- One region per year



YOUR INPUT

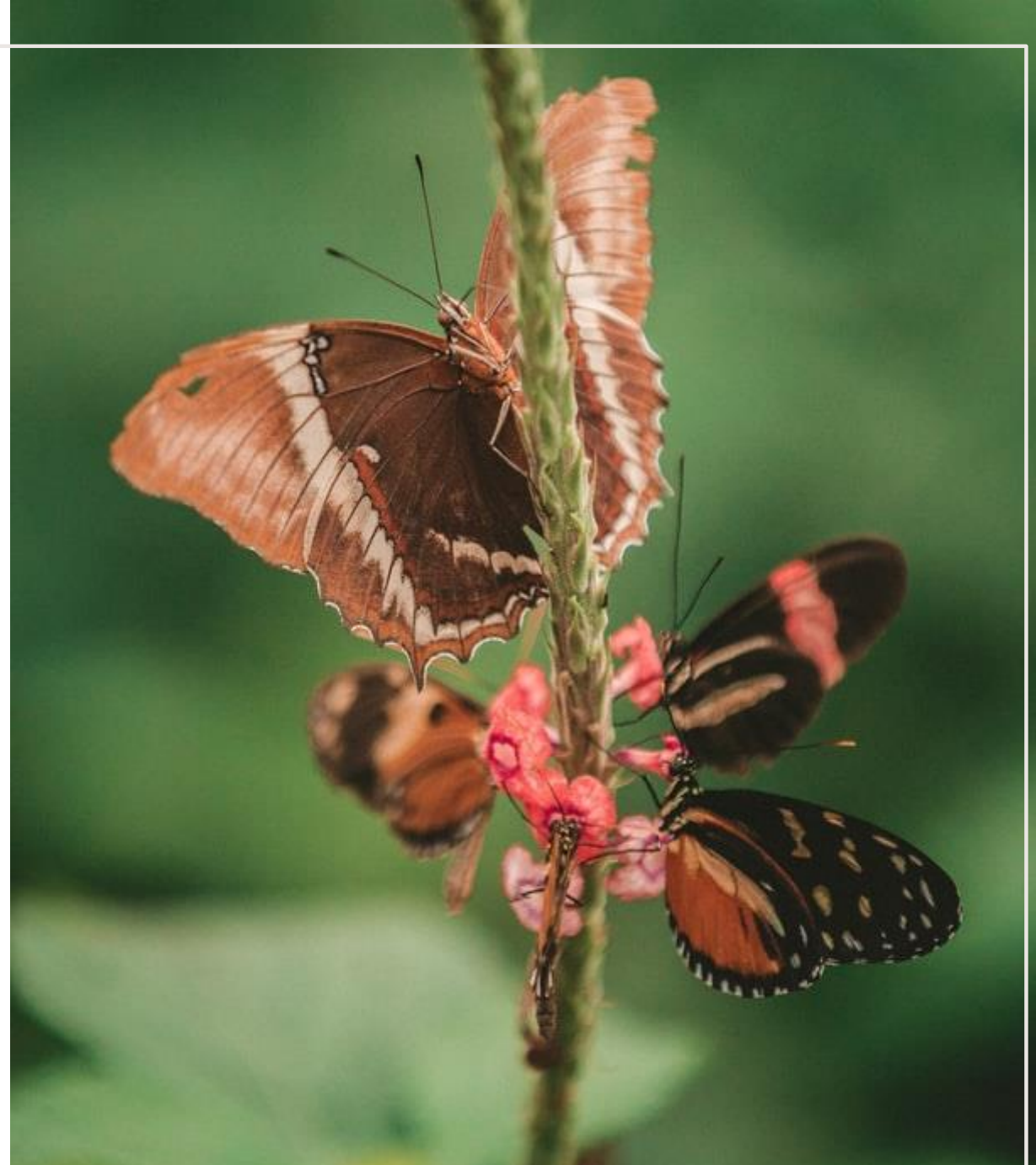
- Online questions - Menti
- Breakout group discussions



MENTI - EXAMPLE

- Scope
 - ✓ 6 UN regions: Africa, Asia and the Pacific, Europe, Latin America and the Caribbean, North America, West Asia
 - ✓ 2022 – 2025: up to 4 regions

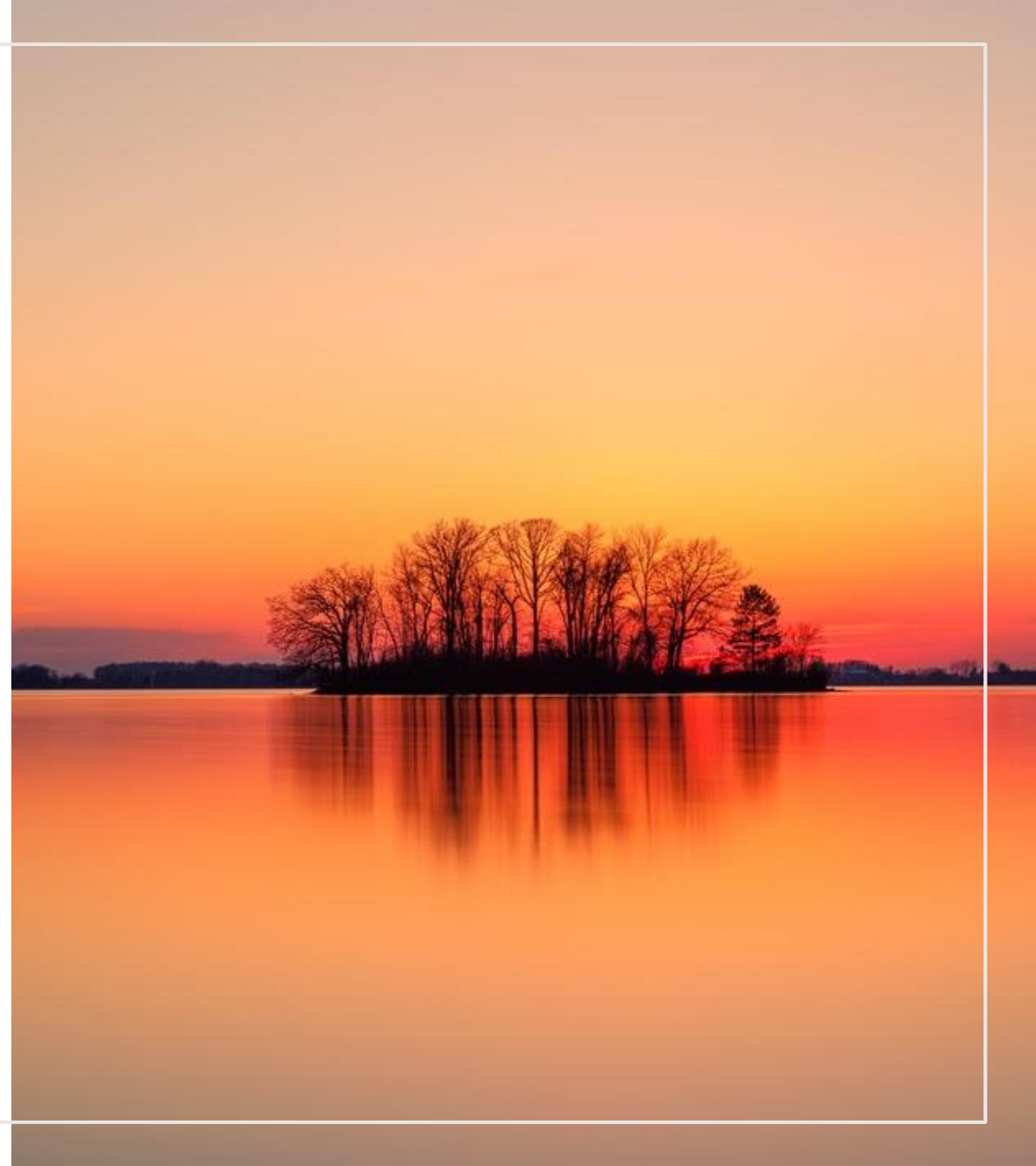
Go to www.menti.com and use the code 7818 3625



MENTI QUESTIONS

Go to www.menti.com and use the code **7818 3625**

- Regions
- Realm: land x sea x freshwater
- Co-benefits - factors
- Method: passive, active
- Type of restoration
- Average size of sites



INDICATIVE TIMEFRAME

2021: Scoping

2022: First outputs

2022	Q1	Q2	Q3	Q4
Checking input data	x			
Defining modelling workflow		x		
Receive input from Partners on workflow		x		
Test and adjust agreed workflow			x	
Present preliminary results			x	
Present final results				x



TAKEAWAY MESSAGES

- Private sector's role within the global momentum for restoration
- Multiple benefits from well-planned restoration actions
- We aim to deliver layers to help your restoration activities – guided by your input
- Options presented & discussed today will be validated



UN 
**environment
programme**

WCMC