

# **DECENT WORK THROUGH Nature-based Solutions**

## **FOR AN INCLUSIVE SOCIO-ECONOMIC RECOVERY**

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**30 AUGUST 2021 | 15.00 CEST**

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**Geneva Nature-based  
Solutions Dialogues**

**GENEVA  
ENVIRONMENT  
NETWORK**



**IUCN**  
**Nature  
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# DECENT WORK THROUGH NATURE-BASED SOLUTIONS FOR AN INCLUSIVE SOCIO-ECONOMIC RECOVERY

30 AUGUST 2021 | 15.00 CEST

TIM MOSSHOLDER / UNSPLASH

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## Agenda

### Welcome

### Setting the Scene

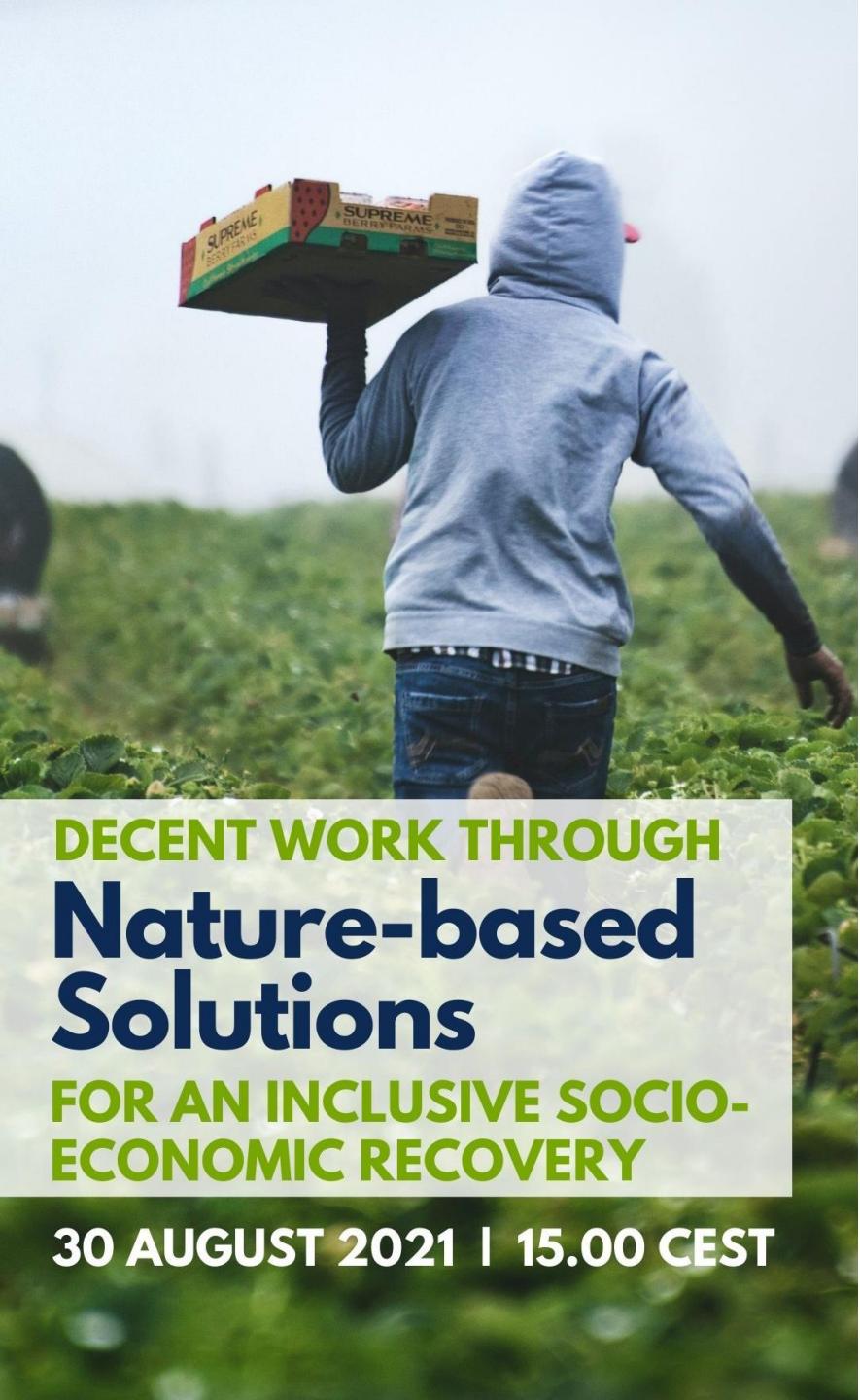
- Juha SIIKAMÄKI | Chief Economist, IUCN

### Current Developments and Opportunities on NbS in the World of Work

- Mito TSUKAMOTO | Head of the Development and Investment (DEVINVEST) Branch, ILO
- Anne Moise MARCELIN | Vice-Consul, Ministry of Foreign Affairs and Cults, Haiti
- Martha Imaculada de ARAÚJO EFI | Baikeno ethnic minority leader, Timor Leste
- Jonelle SIMUNICH | Senior Strategist, Foresight, ARUP
- Juha SIIKAMÄKI | Chief Economist, IUCN

### Open Discussion

### Closing Remarks



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## Speakers

### Setting the Scene



**Juha SIIKAMÄKI**  
Chief Economist, IUCN

### Current Developments and Opportunities on NbS in the World of Work



**Mito TSUKAMOTO**  
Head of the Development and  
Investment (DEVINVEST) Branch, ILO



**Anne Moise MARCELIN**  
Vice-Consul, Ministry of Foreign Affairs  
and Cults, Haiti



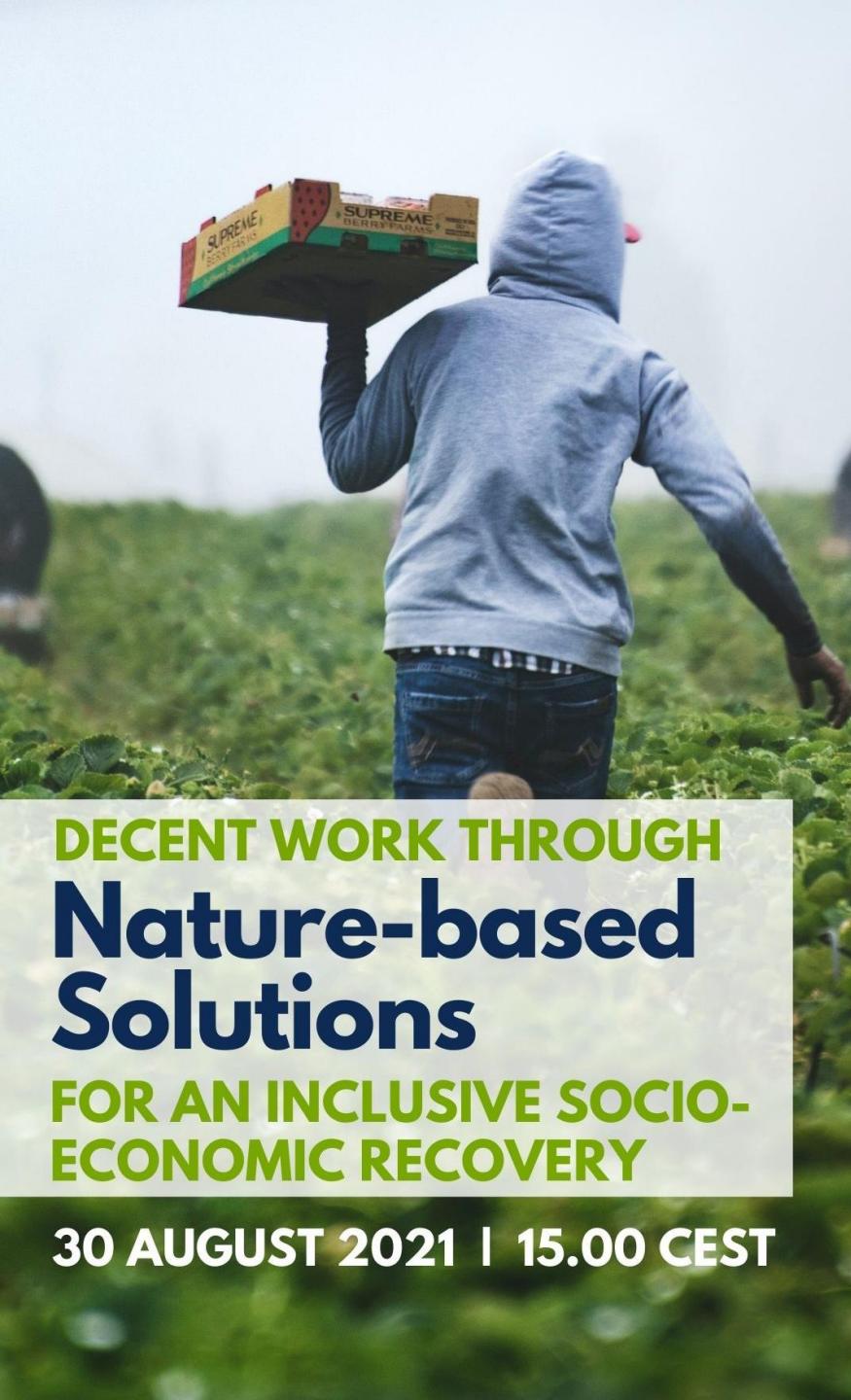
**Martha Imaculada de ARAÚJO**  
**EFI**  
Baikeno ethnic minority leader, Timor  
Leste



**Jonelle SIMUNICH**  
Senior Strategist, Foresight, ARUP



**Juha SIIKAMÄKI**  
Chief Economist, IUCN



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# Juha SIIKAMÄKI

Chief Economist, International Union  
for Conservation of Nature

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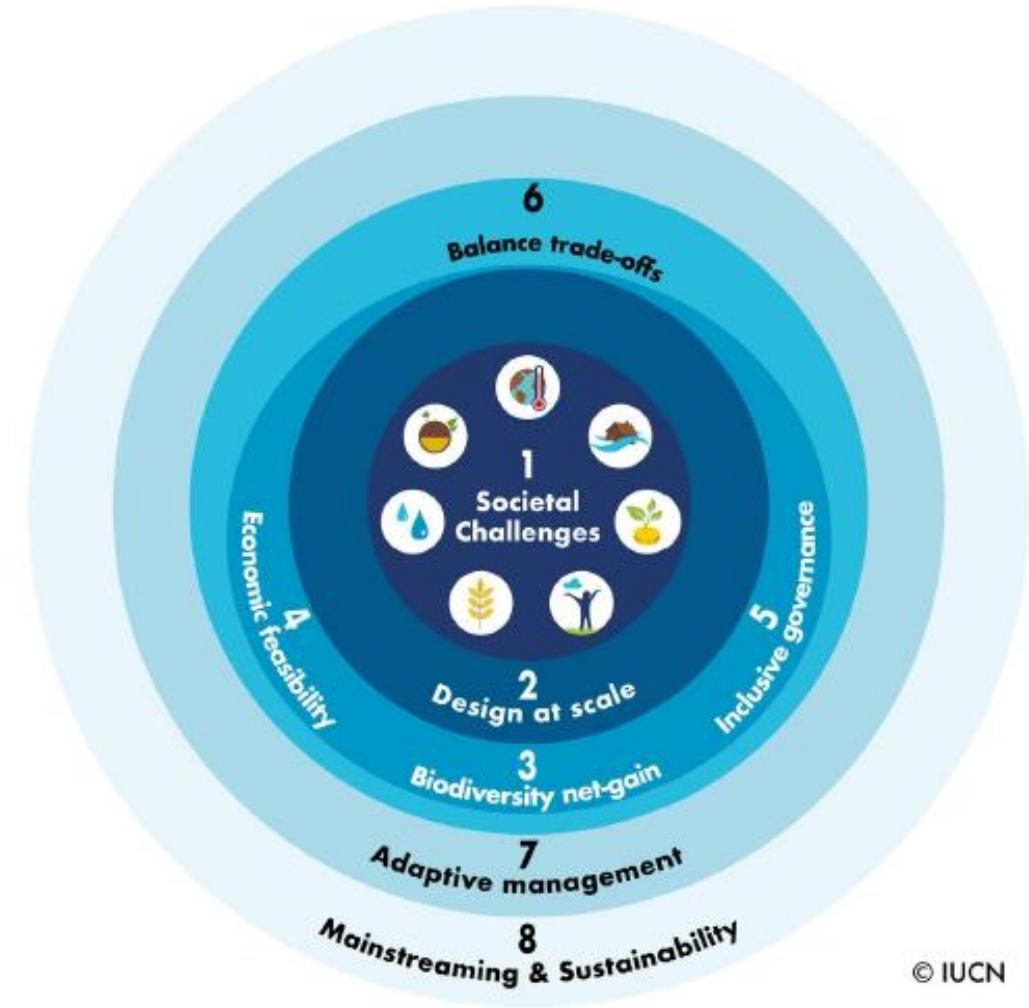
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# Nature-based Solutions: Definition and Global Standard

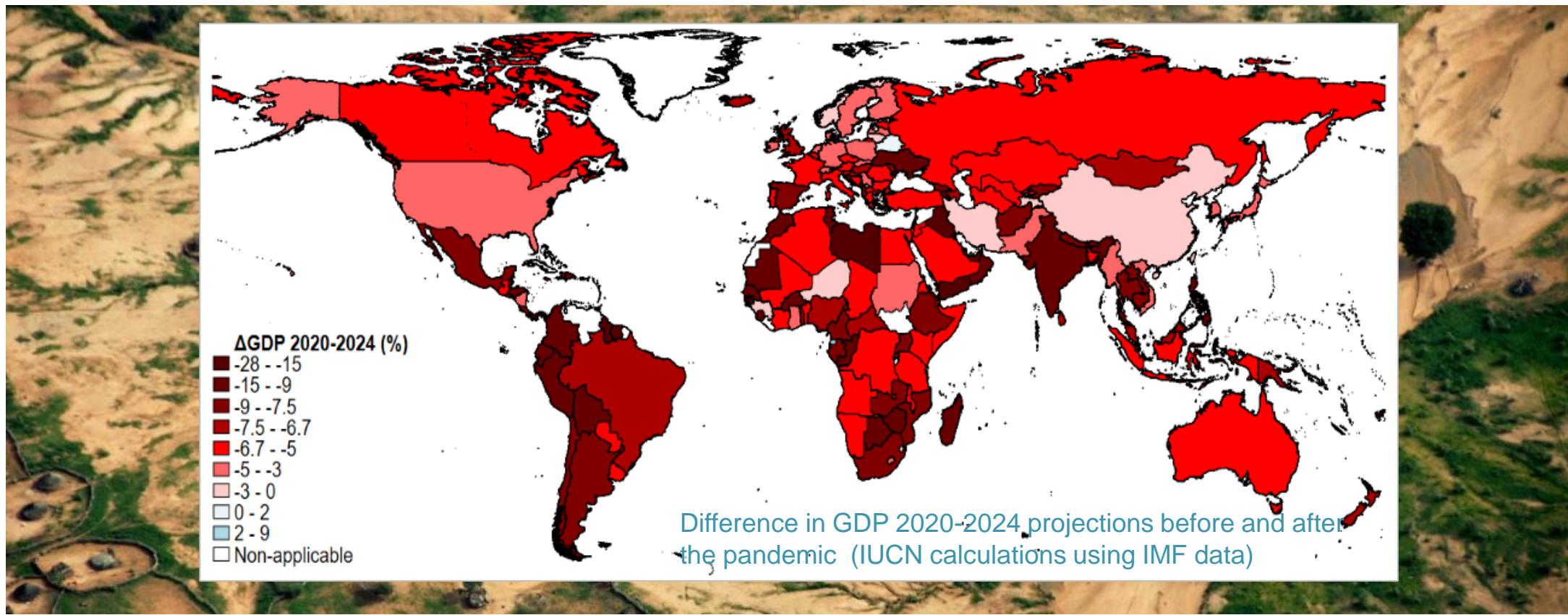


**Figure 1** "Nature-based Solutions are actions to protect, sustainably manage and restore natural and modified ecosystems in ways that address societal challenges effectively and adaptively, to provide both human well-being and biodiversity benefits" (IUCN, 2016)



**Figure 2** The eight Criteria that make up the IUCN Global Standard for NbS are all interconnected.

Source: [IUCN Global Standard for Nature-based Solutions](#)

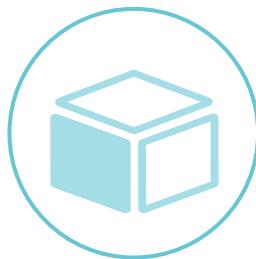


# COVID-19 Pandemic: Economic consequences



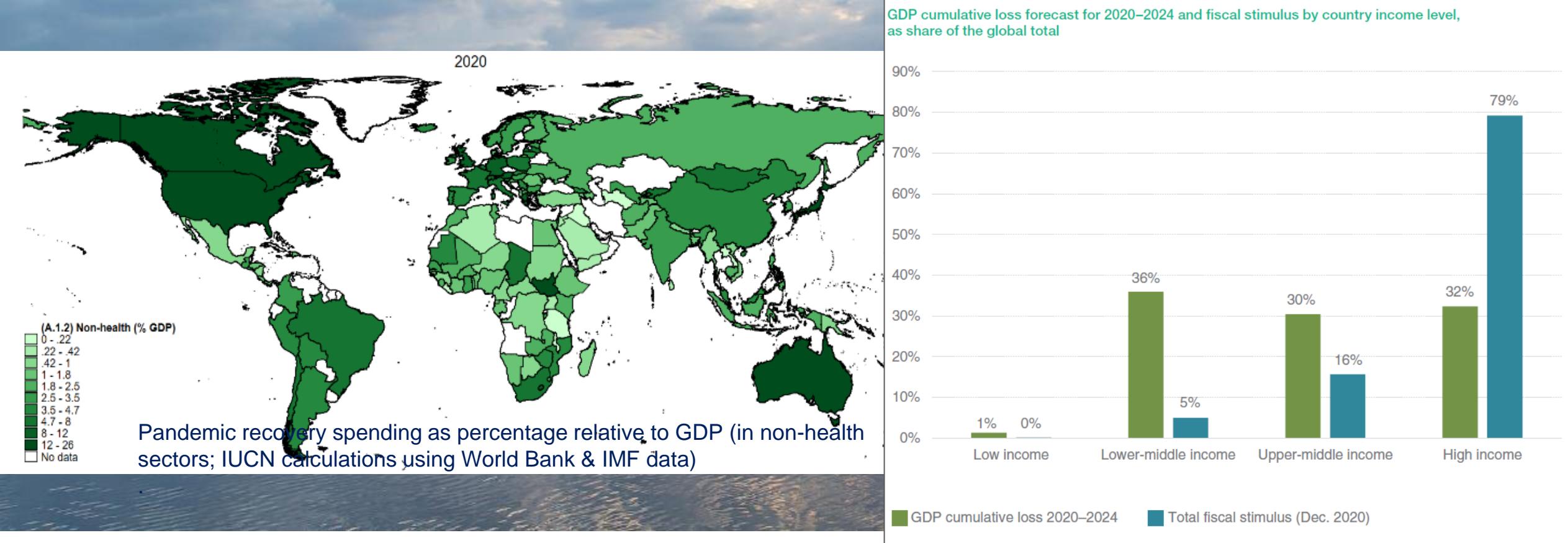
## IMPACTS

Economic impacts of the pandemic have been severe, with implications continuing over the next several years



## VARIATION

Economic losses due to pandemic vary considerably across the globe



## COVID-19 Pandemic: Unprecedented recovery spending

### Policy measures

Global fiscal support to stimulate and recover economy has reached at least USD 17 trillion

### Stimulus sources

Vast majority (80+ percent) of the global total economic stimulus comes from advanced economies.

### Constraints

Developing countries, especially low-income, have little fiscal space to invest in recovery.

# GREEN RECOVERY?

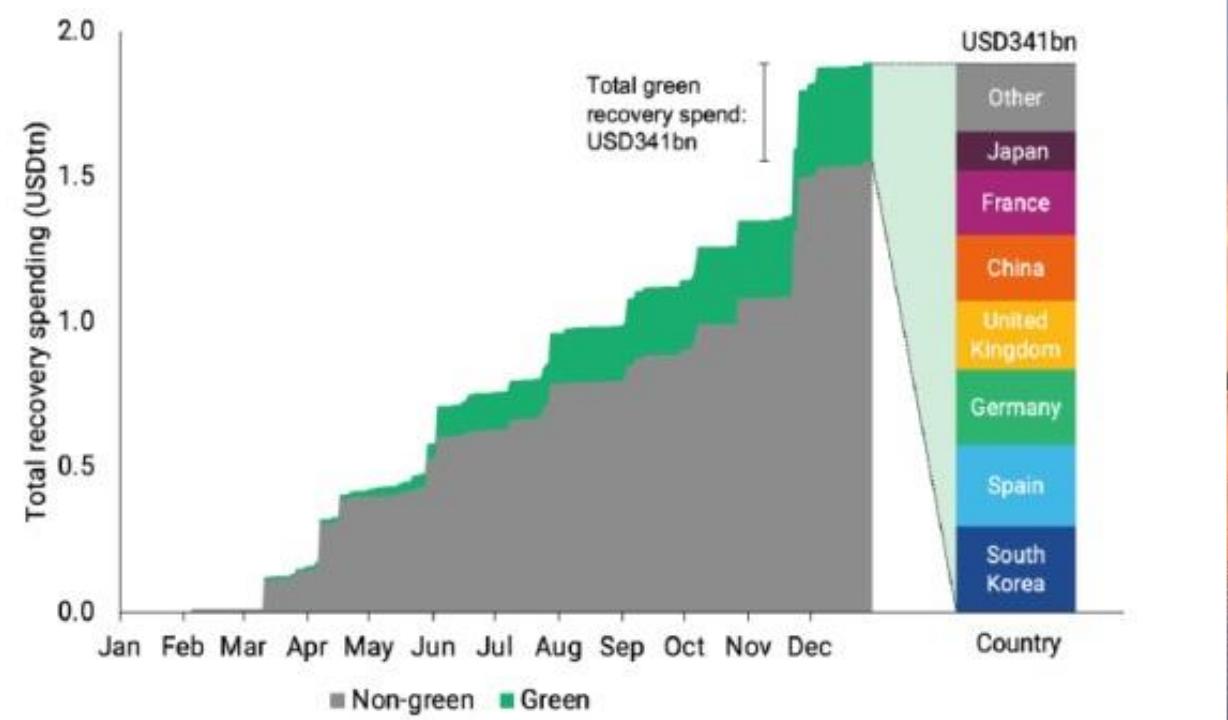


Figure 4. Recovery spending over the course of the pandemic with total green spending described by sector and country.  
Source: Global Recovery Observatory.

Source: UNEP

## Various measures

Greening economic recovery has been widely recognized as a key objective

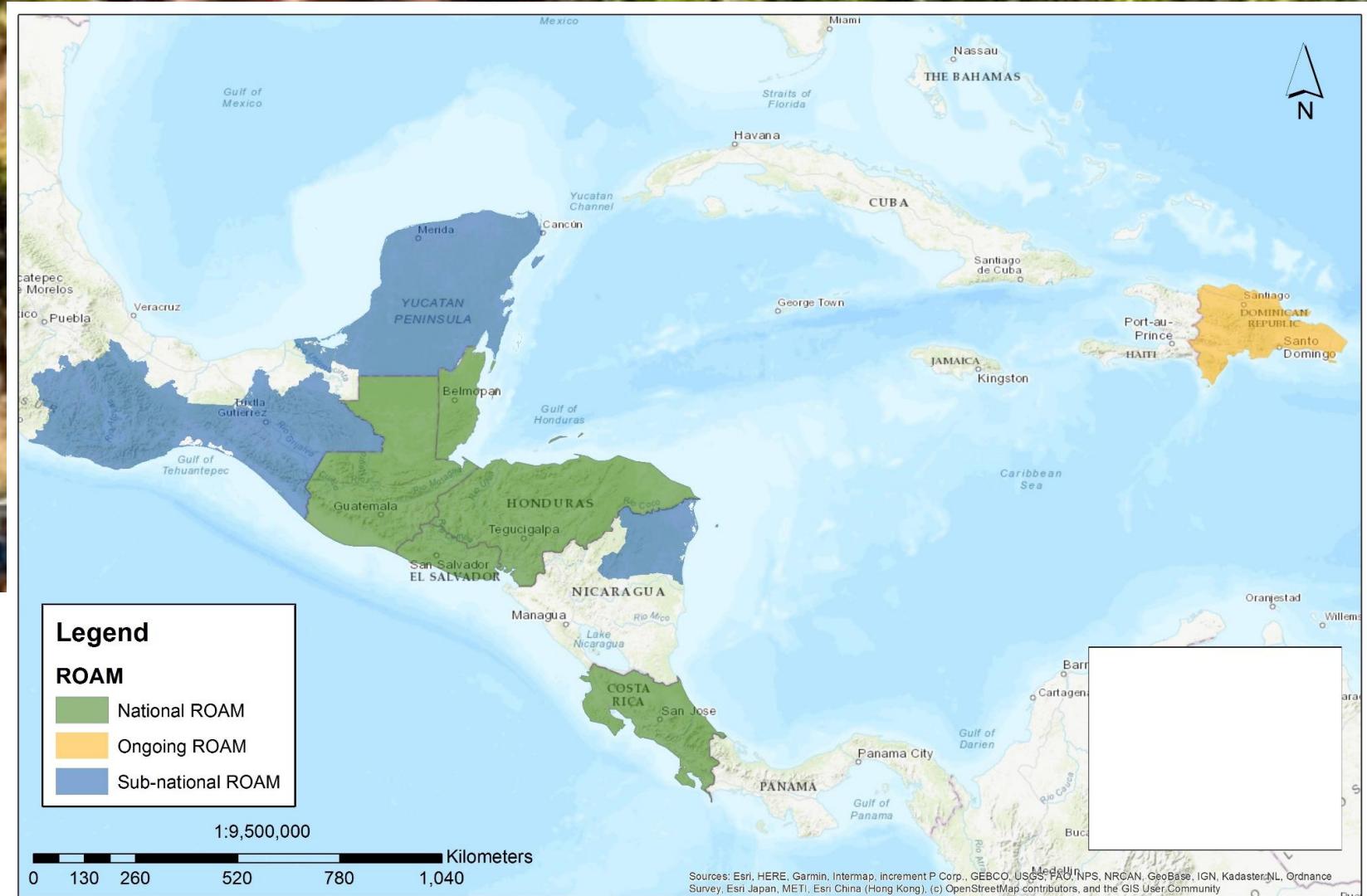
## Positive and negative

Measures directed to nature-related sectors include both positive and negative effects on the environment and nature

## Neglecting nature

Only 3% of total long-term recovery spending by December 2020 (US\$ 56 billion) was directed to natural capital measures.

# Creating jobs through restoration: Evidence from Central America

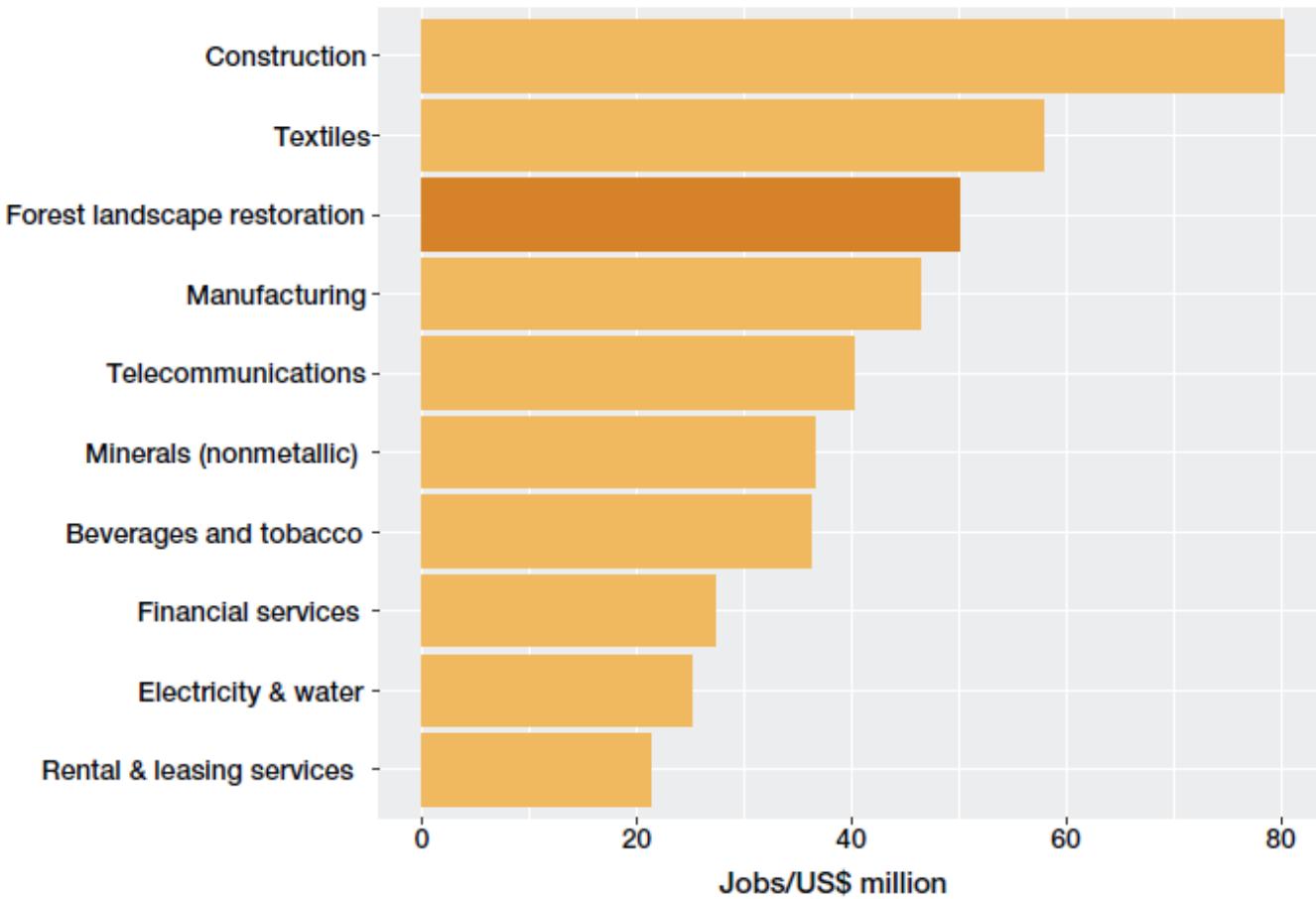


# Creating jobs through restoration: Evidence from El Salvador

FIGURE 4

Comparison of job creation per million dollars injected into forest landscape restoration, as compared to various industries in El Salvador

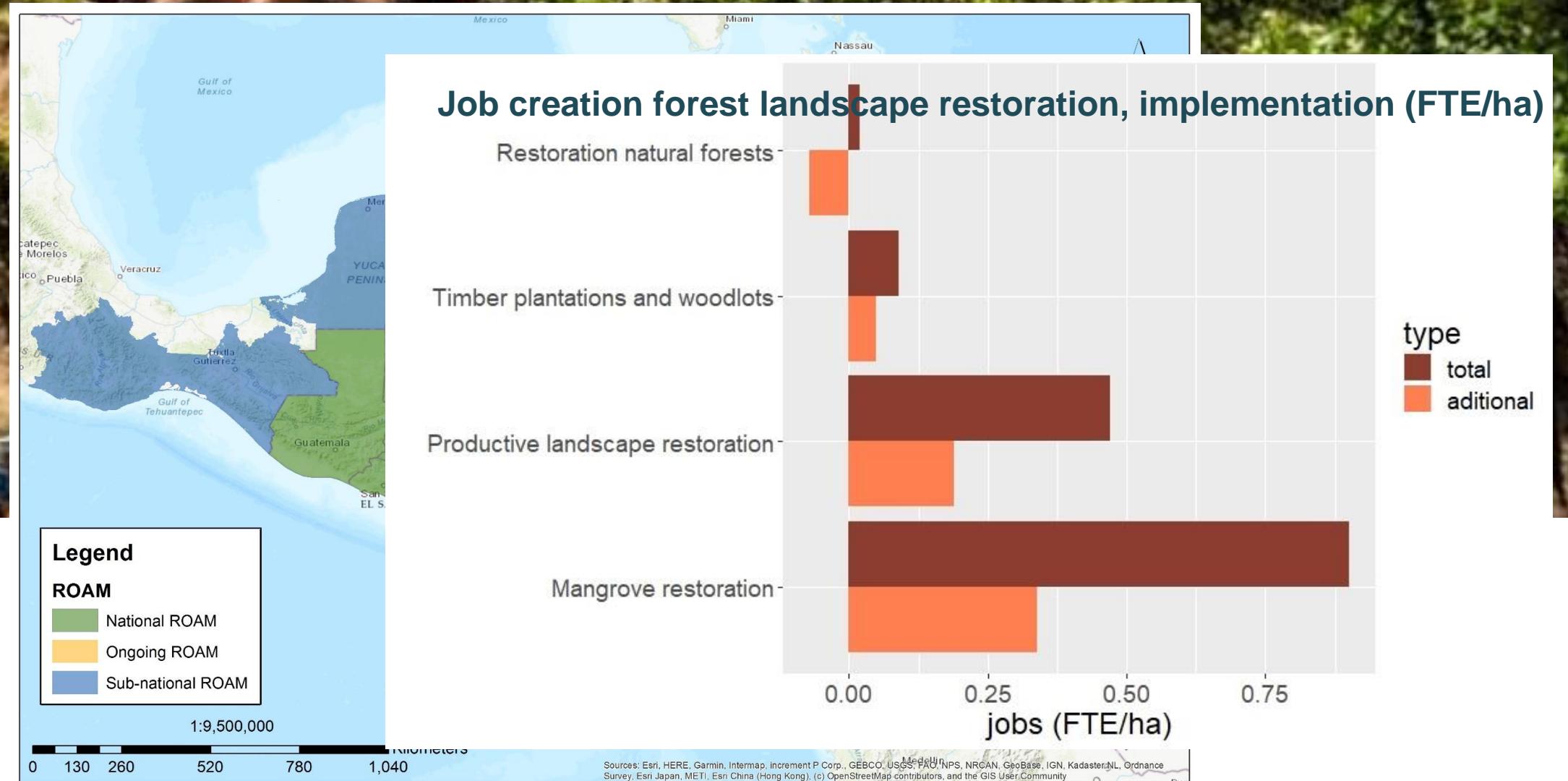
Source: Authors.



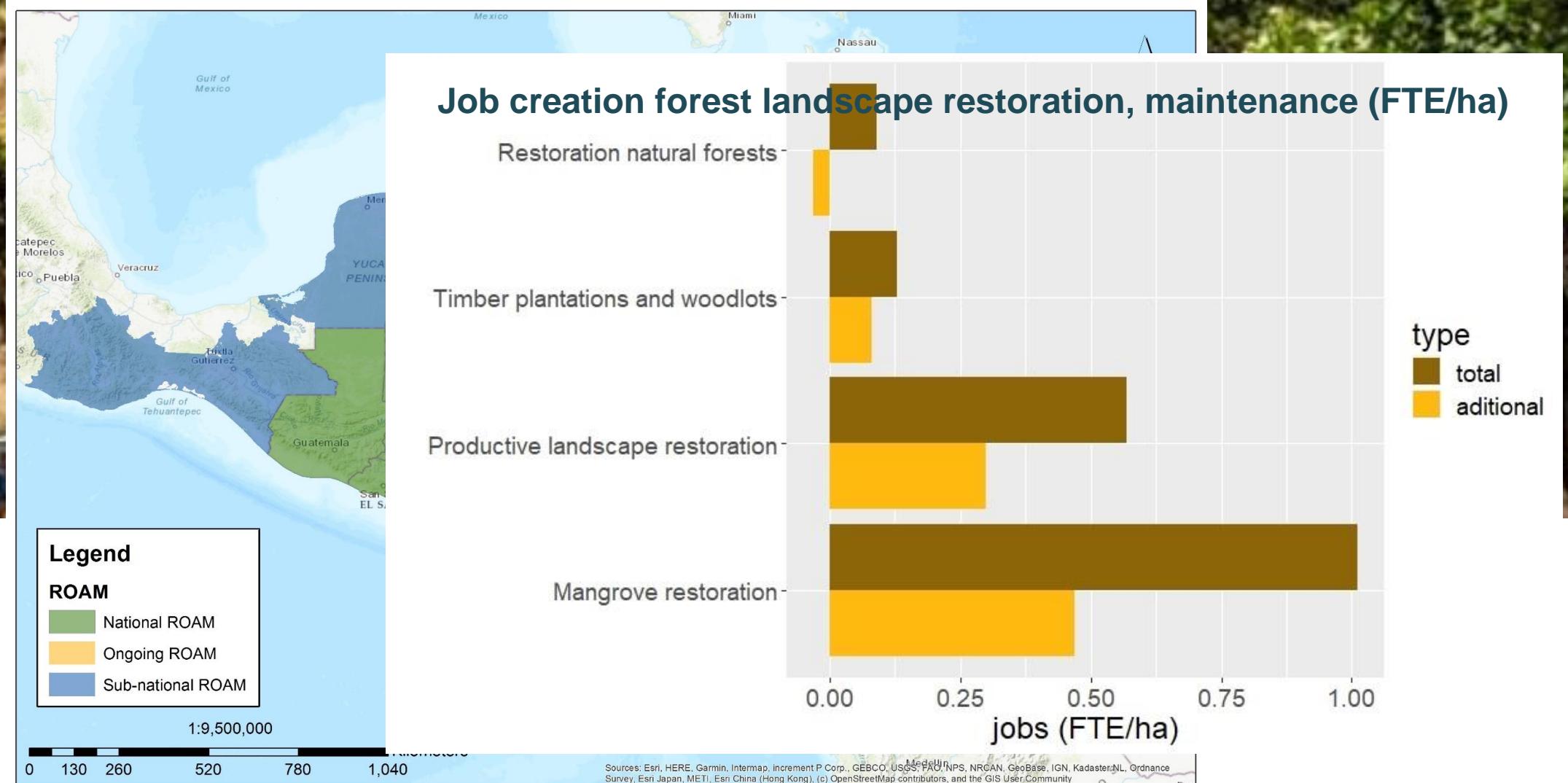
**50 jobs per US\$ million**

Restoration created ~50 jobs per million dollars invested in El Salvador. Low-skill and fast-implementing jobs well-suited to stimulus packages

# Creating jobs through restoration: Evidence from Central America



# Creating jobs through restoration: Evidence from Central America

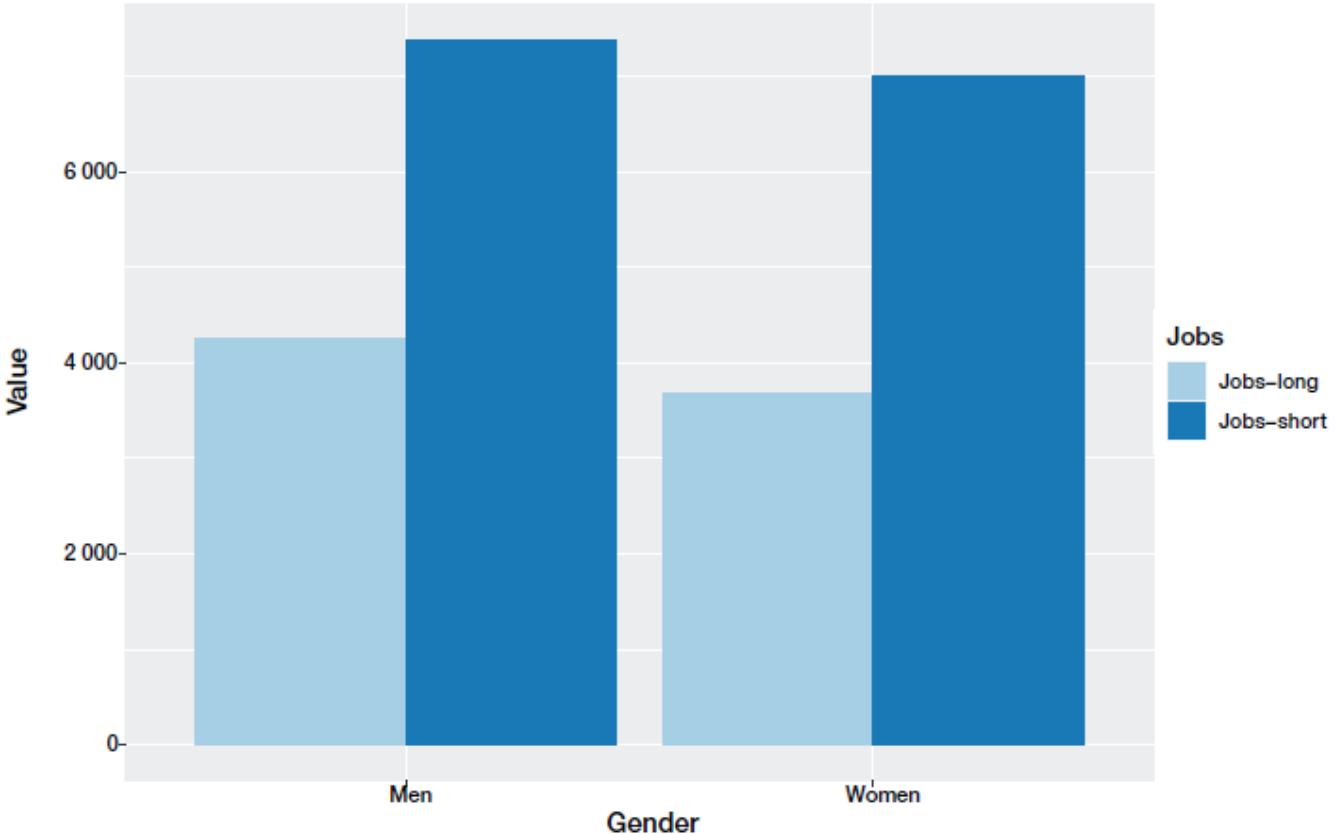


# Creating jobs through restoration: Evidence from Rwanda

FIGURE 5

Short- and long-term job creation disaggregated by sex in Rwanda

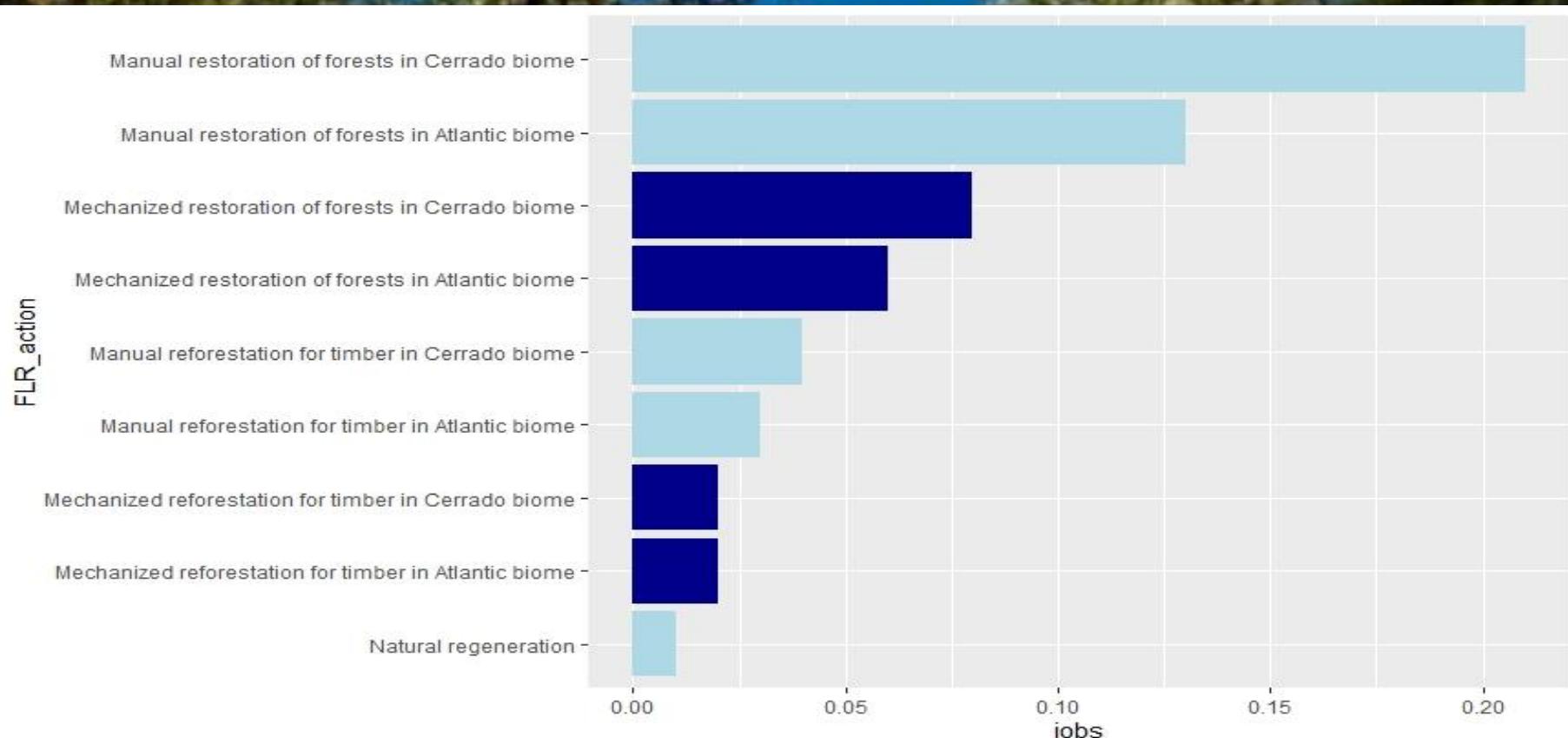
Source: InfoFLR (n.d.).



## Women and youth

In Rwanda, landscape restoration benefited women roughly equally to men. Women gained 49% of the short-term jobs and 46% of the long-term jobs. Youth can similarly be targeted.

# Creating jobs through restoration: Evidence from Brazil



## Manual vs. mechanized

Job creation varies based on specific techniques employed.

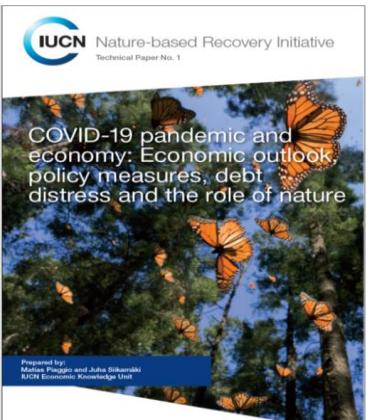
In restoration, a key determinant is whether it is mechanised or manual.

## Broader benefits

Up to 37% of climate mitigation needed by 2030. 85 out of 169 SDG targets are related to the environment. Ecosystem services add to this.

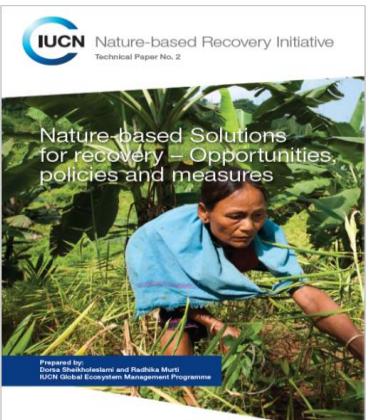


For more information, see [IUCN Nature-based Recovery Initiative](#)



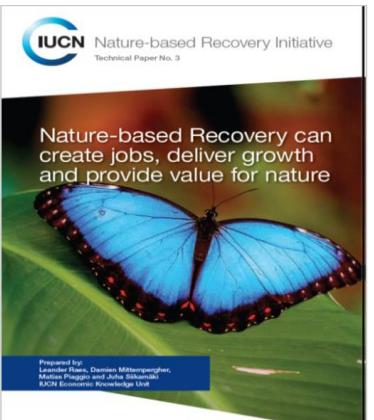
#### Technical Paper 1

Economic and social impact of the pandemic, recovery measures, the role of nature, and compound crisis of debt, nature and climate



#### Technical Paper 2

NbS opportunities for economic recovery and addressing societal challenges, including IUCN Global Standard for NbS to ensure effectiveness and impact.



#### Technical Paper 3

Role of nature and its conservation and restoration to job creation and economic well-being and development.





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- Juha SIIKAMÄKI | Chief Economist, IUCN

### Open Discussion

### Closing Remarks



# Mito TSUKAMOTO

Head of the Development and Investment  
(DEVINVEST) Branch, ILO

MARCEL CROZET / ILO

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# Anne Moise MARCELIN

Vice-Consul, Ministry of  
Foreign Affairs and Cults, Haiti

PNUMA/GABRIEL GELIN

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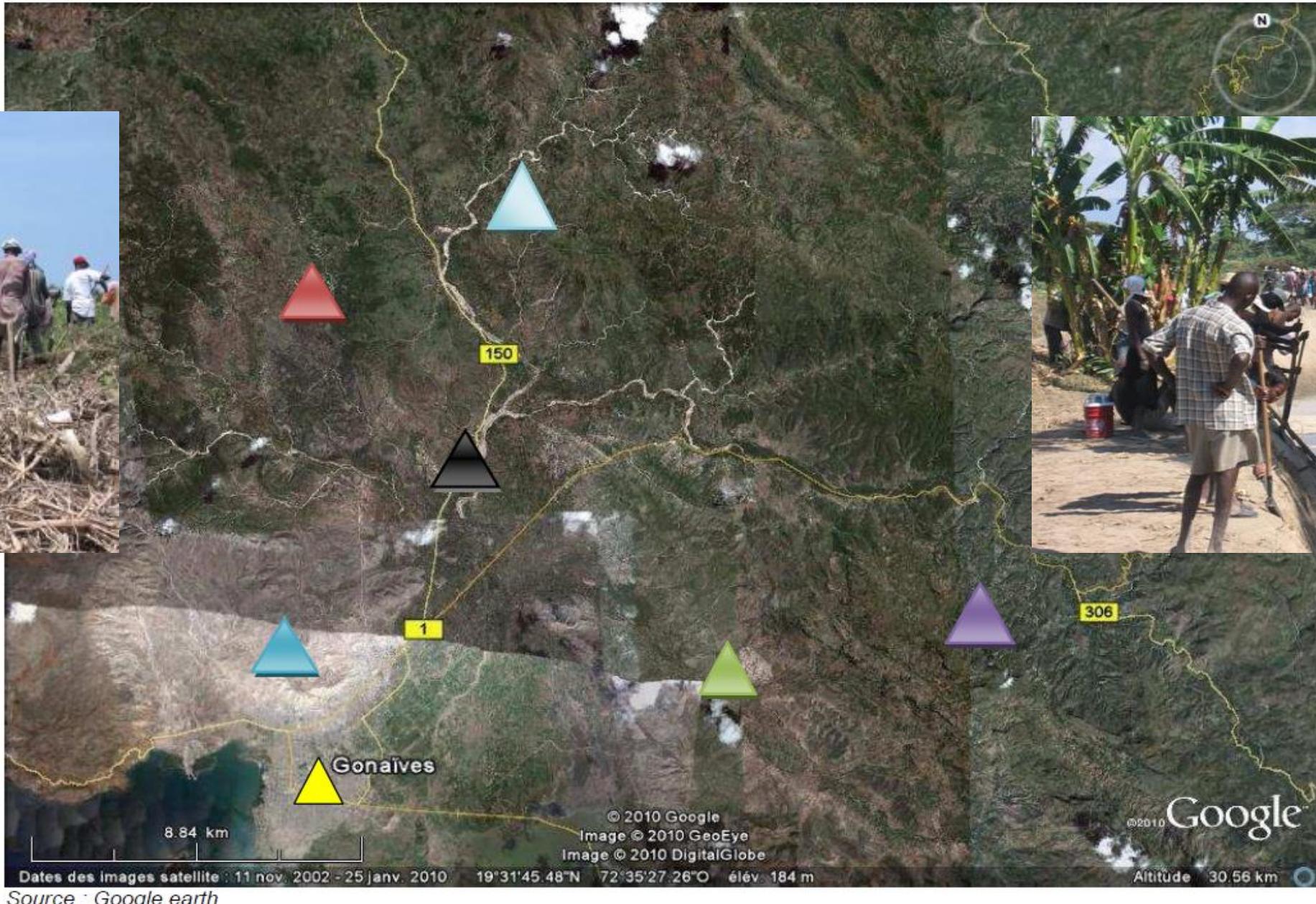
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**GONAÏVES City après  
“Hanna hurricane” en 2008**



## Carte de situation des interventions du Programme de création d'emplois





# Video



# Martha Imaculada de ARAÚJO EFI

Baikeno ethnic minority leader,  
Timor Leste

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# Traditional sustainable house using local materials to respond the climate and owner necessity

Prepared by:  
Marta Imaculada de Araújo Efi





The winner of the competition design challenge :  
“Traditional sustainable house using local materials to respond the climate and owner necessity”

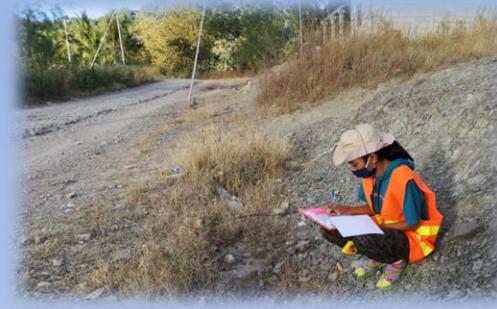












# Thank You !

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# Jonelle SIMUNICH

Senior Strategist, Foresight,  
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A photograph showing a person from behind, wearing a blue hoodie, carrying a large cardboard box labeled "SUPREME BERRY FARMS". They are walking through a field of green plants, possibly berries. In the background, other people are visible, some wearing red hats. The sky is overcast.

# OPEN DISCUSSION

TIM MOSSHOLDER / UNSPLASH

**Geneva Nature-based  
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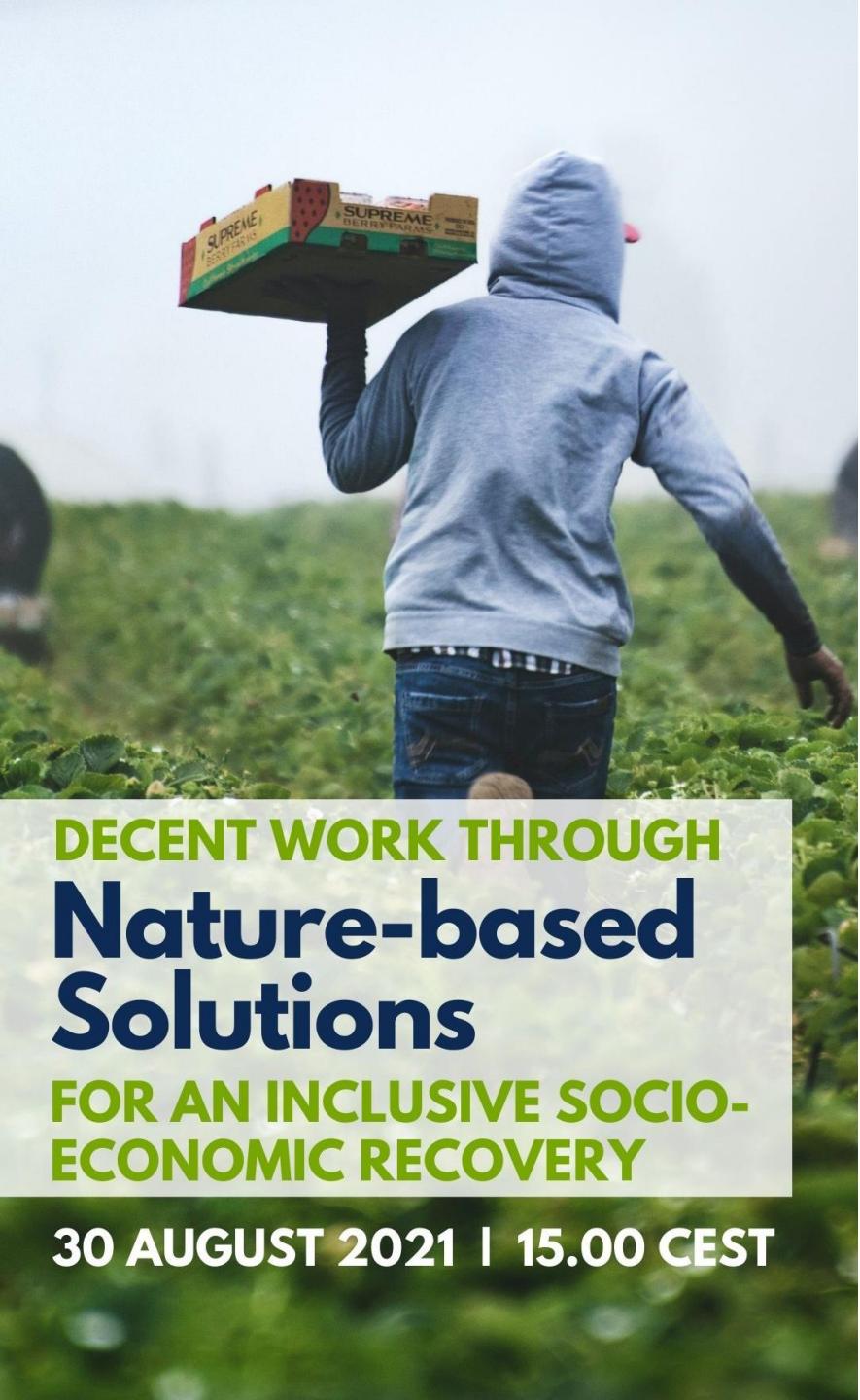
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# Speakers



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Chief Economist, IUCN



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**Anne Moise MARCELIN**  
Vice-Consul, Ministry of Foreign Affairs and Cults, Haiti



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**ARUP**

**Jonelle SIMUNICH**  
Senior Strategist, Foresight, ARUP



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# Nature-based Solutions & FOOD

13 SEPTEMBER 2021 | 15.00 CEST

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NEXT SESSION





IUCN  
WORLD  
CONSERVATION  
CONGRESS  
*Marseille*

 VIRTUAL CONFERENCE

**GLOBAL GOVERNANCE OF PLASTIC POLLUTION**  
TRANSFORMING THE GLOBAL PLASTICS ECONOMY  
30 - 31 AUG 2021  
13:00 - 18:00 CEST

TESS |  UN-HABITAT |  GIEL | 

**EVENT | VIRTUAL**

**Global Governance of Plastic Pollution:  
Transforming the Global Plastics Economy**  
30 - 31 AUG 2021  
Online  
IHEID

● Chemicals and Pollution  
● SDG11 | SDG12



**EVENT | VIRTUAL**

**Plastique et climat,  
même combat? |  
Alternatiba Léman &  
Geneva Beat Plastic  
Pollution Dialogues**  
01 SEP 2021 19:45 - 20:45  
Maison Internationale des  
Associations | Salle Rachel Carson &  
Online

● Chemicals and Pollution | Climate  
● SDG3 | SDG12 | SDG13



**EVENT | CINEMA**

**Wednesdays for the  
Planet | Europe's  
Melting Glaciers**  
08 SEP 2021 13:30  
Online  
GEN

● Climate | Nature | Science | Water  
● SDG13 | SDG17