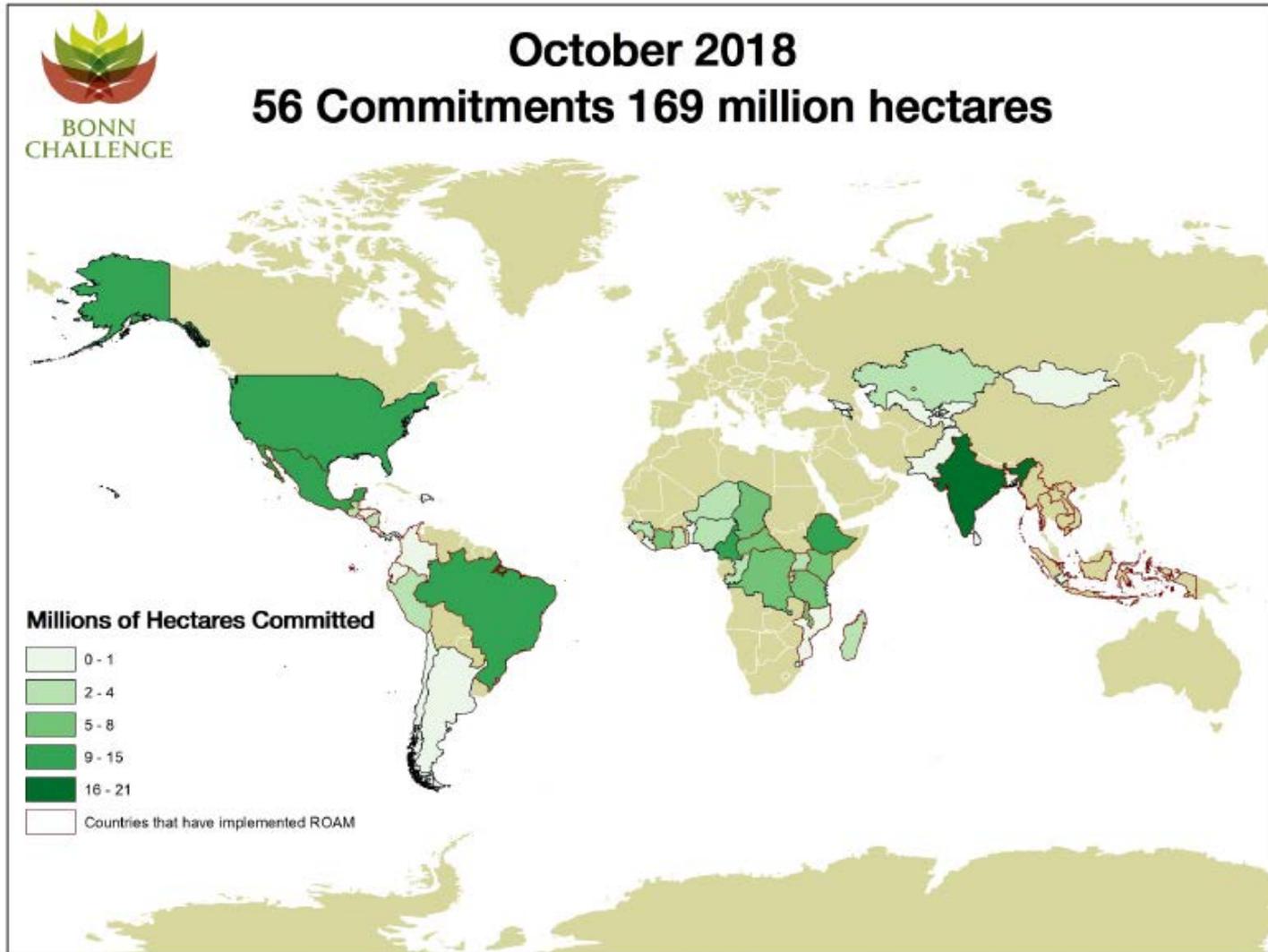


# Lessons learnt from applying Restoration Opportunities Assessment Methodology (ROAM) in Asia



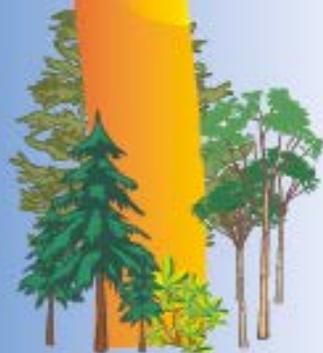
# Bonn Challenge



# Moving from pledges to actions



168 million ha already pledged to the Bonn Challenge

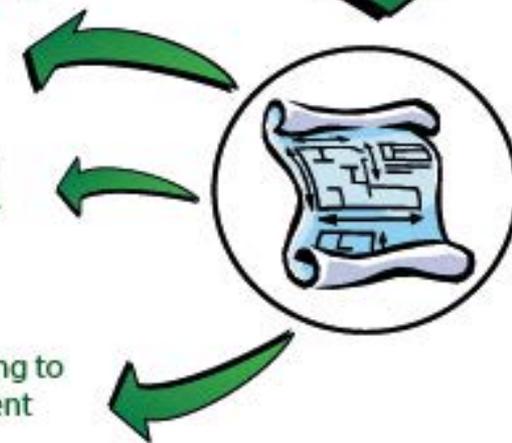
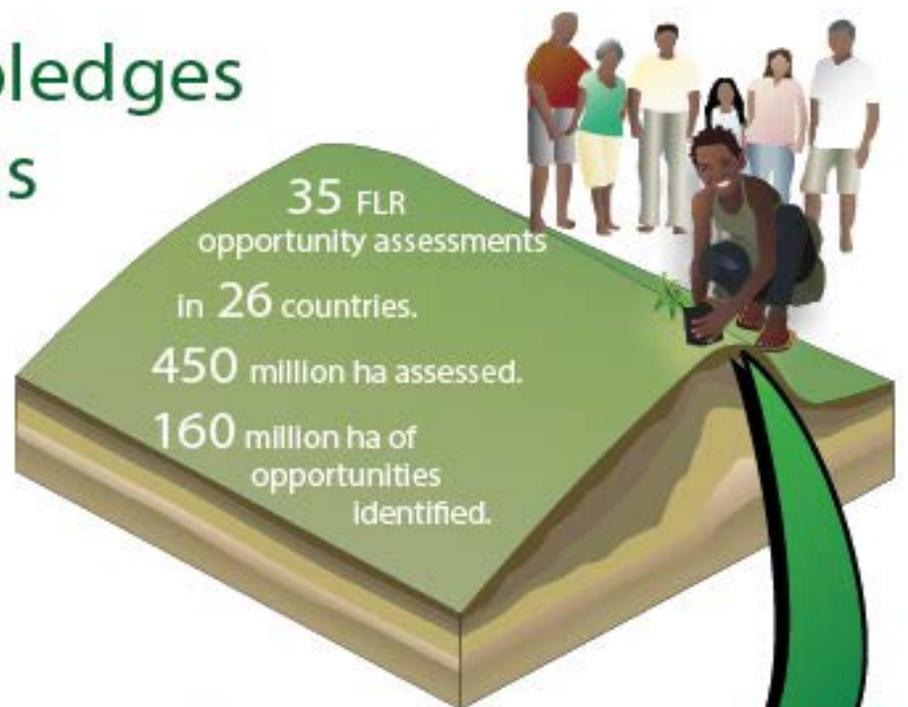


FLR in international commitments:  
UNFCCC Nationally Determined Contributions  
CBD biodiversity targets

27 jurisdictions with FLR opportunity assessment-inspired strategies /policies

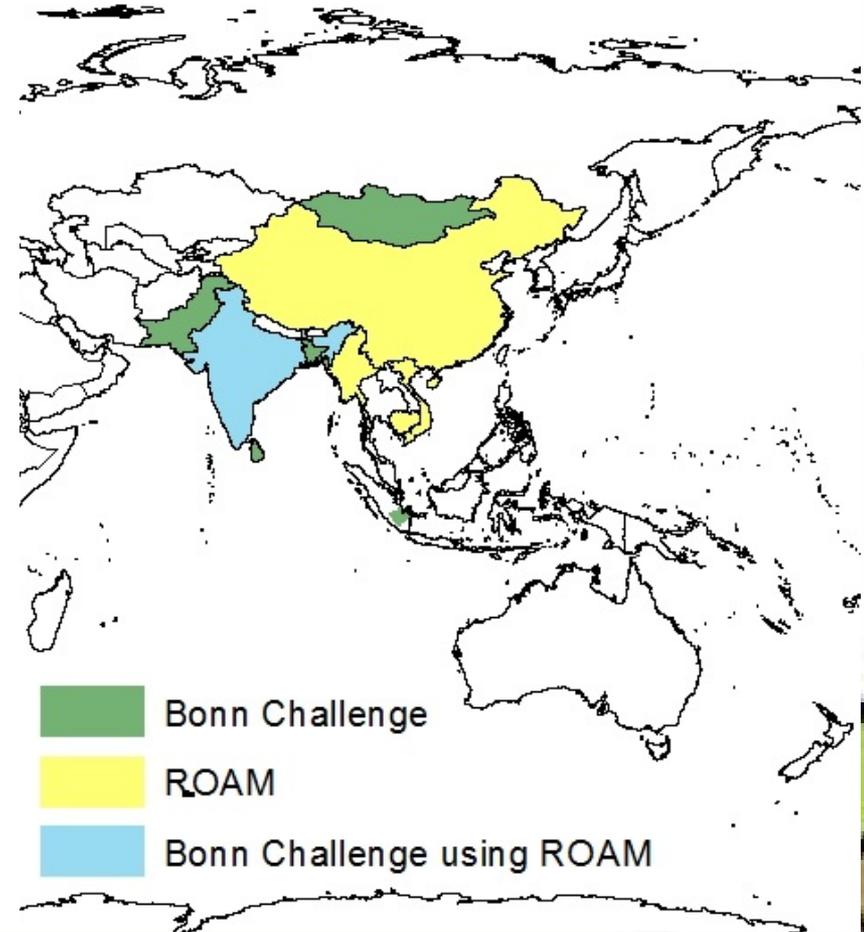


Financial doors opening to mobilise FLR investment

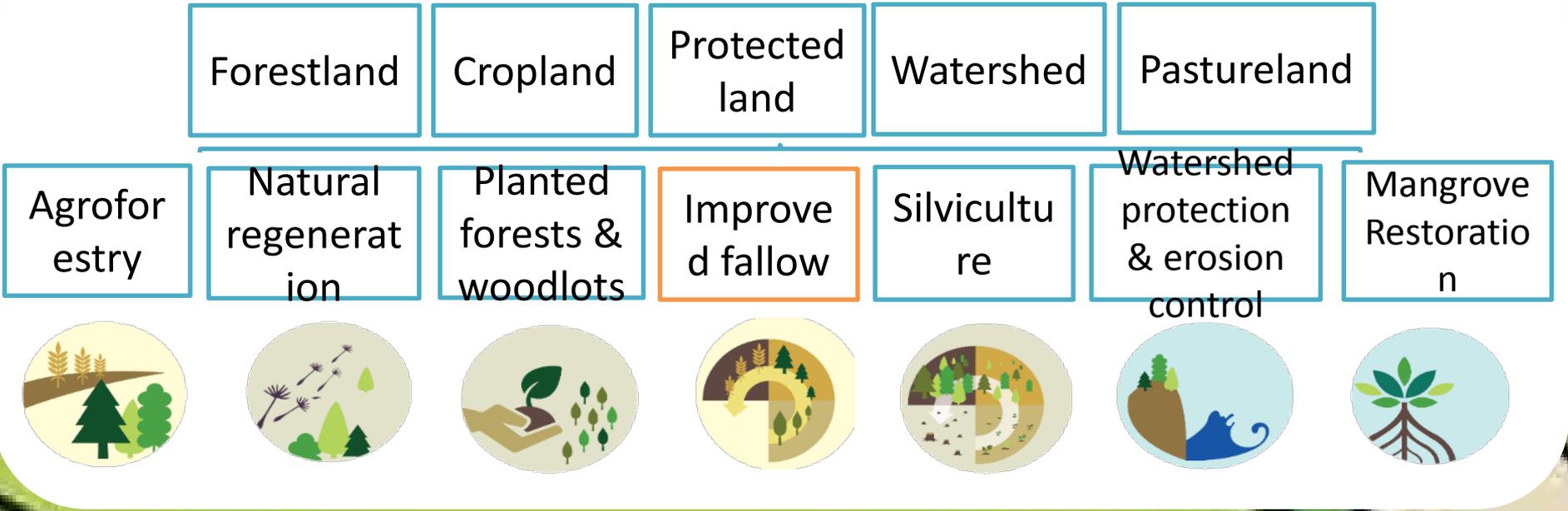


# FLR and ROAM in Asia

- **Five** countries committed **24** million ha restoration target to Bonn Challenge
- At least **six** have completed ROAM to prioritize actions and investment for landscape restoration: Cambodia, China, India, Indonesia, Myanmar, Vietnam.

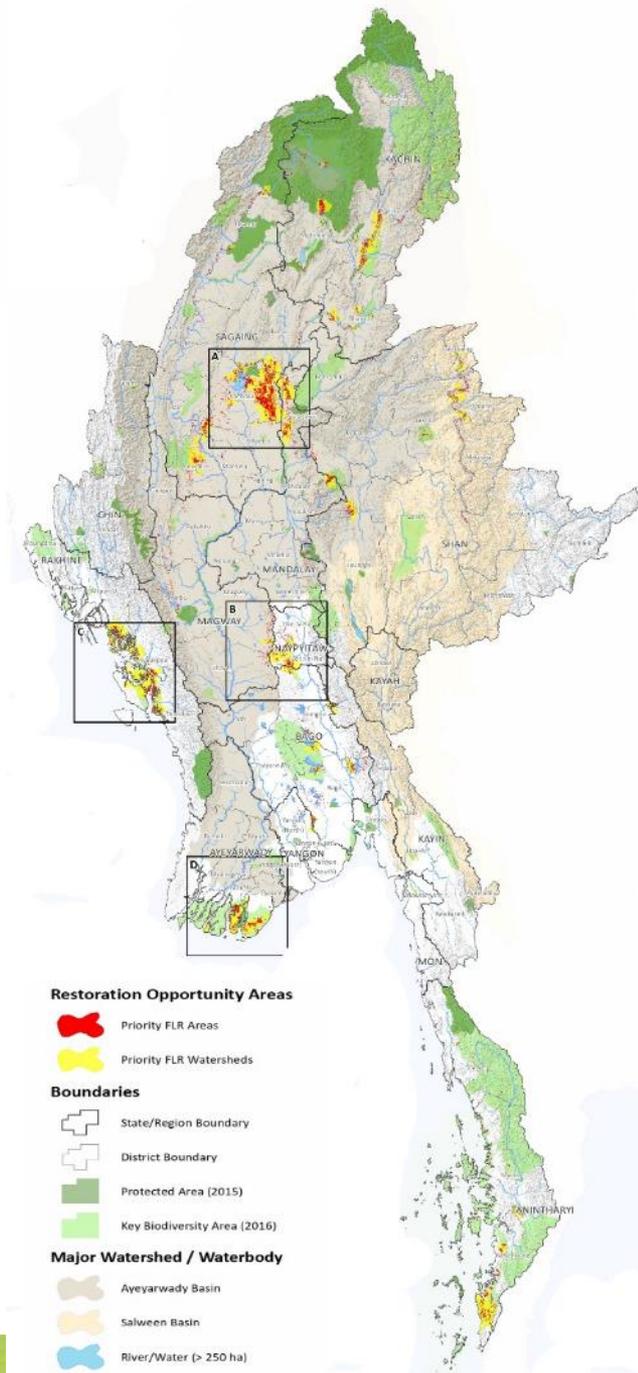


	Vietnam	Myanmar	Cambodia	India	Indonesia	China
<b>Area (ha)</b>	473,630	66,976,025	3,704,738	5,348,300	5000	4,800,000
<b>Scale</b>	provincial	national	provincial	provincial	local	multiple
<b>Population (thousands)</b>	623 k (2016)	52,890 k (2016)	1,698 k (2008)	10,086 k (2011)	128 k (2010)	20,000 k (2016)
<b>FLR Priority area (ha)</b>	54,000	713,000	271,000		2493	

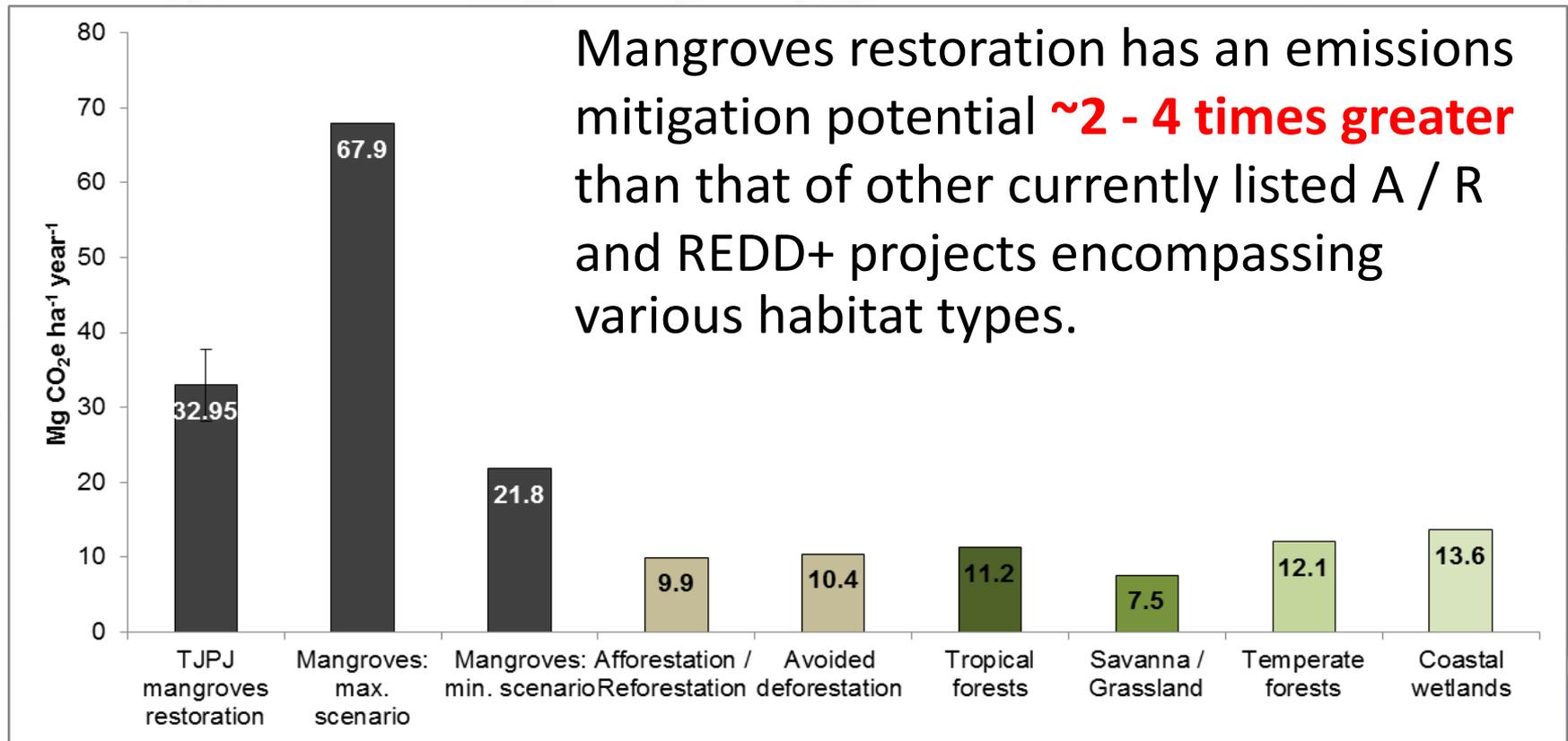


# The Myanmar ROAM process identifies ...

- Up to **2.5 million hectares** in Myanmar as FLR opportunity areas
- **713,000 ha** as priority FLR areas, or 1,9 million hectares watershed areas if taking the river basin boundaries;
- Benefits include for watershed protection (key for sustainable agriculture development and drinking water security), biodiversity conservation and reversing forest loss.



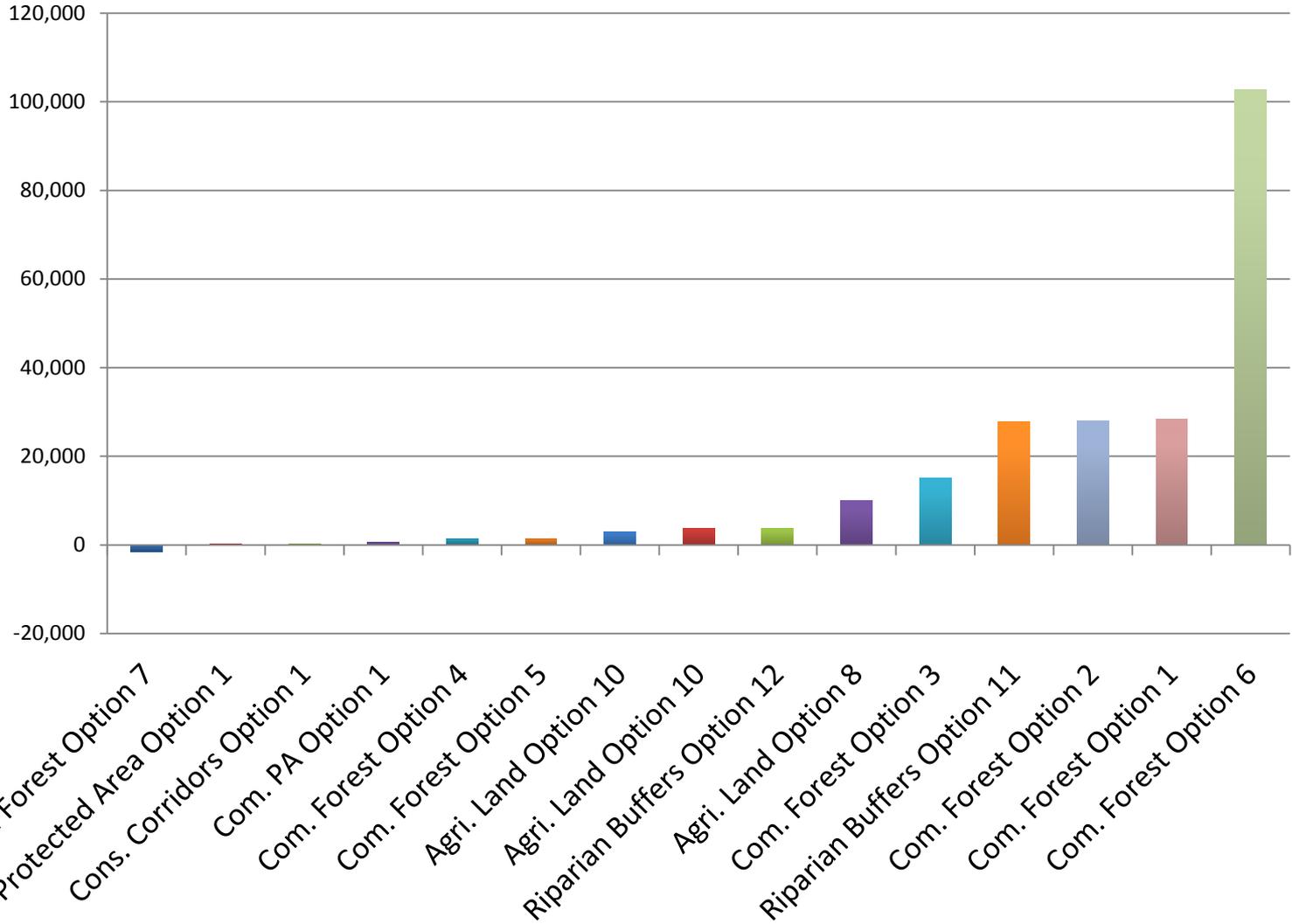
# The Indonesia ROAM process found...



**Figure: Comparison of potential net ERR resultant from mangrove restoration of aquaculture ponds at Tanjung Panjang with other A / R and REDD+ projects (Cameron, in press)**

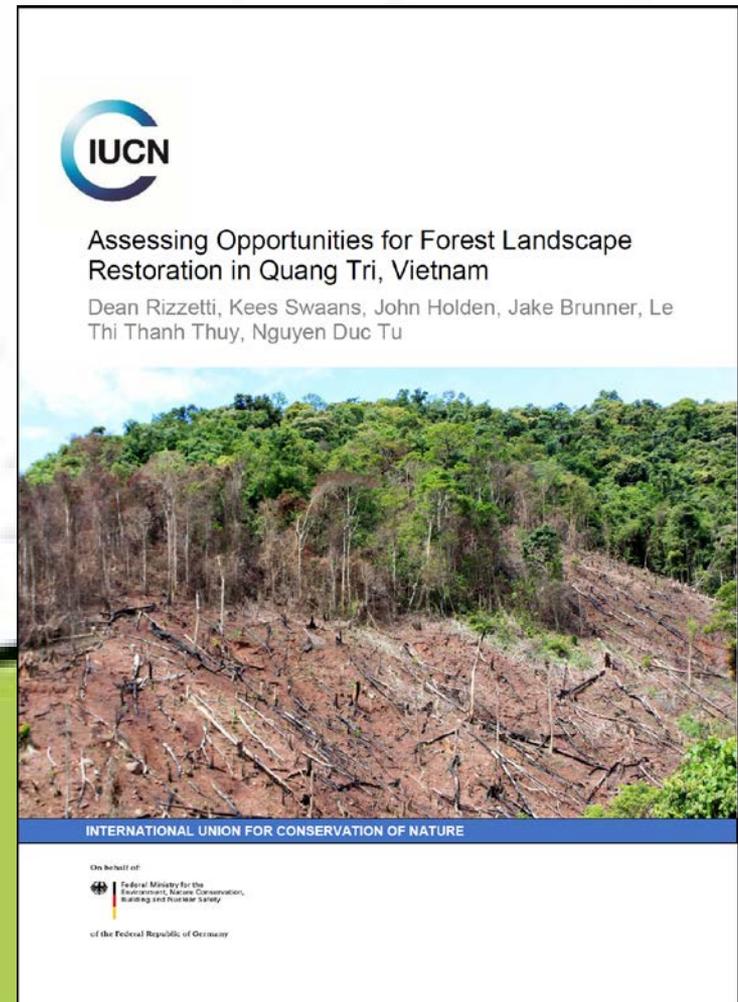
# The Cambodia ROAM found most FLR options are cost effective

**Net Present Value (USD/ha; 5% discount rate; 40 year horizon)**



# Vietnam ROAM identifies forestry industry upgrade is urgently needed

- **New vision and policy** that adopts a landscape approach .... And reorienting plantations to produce certified timber over longer rotations for the domestic
- **Innovative financing**
- **Improved extension**



# Summary of key findings

- **Diversity and scale-flexibility**
- **stakeholder-driven spatial analysis** on degradation drivers and restoration potentials – a powerful way to engage
- **The key barriers** - insufficient restoration funding and the lack of well-established fundable restoration models.



## Application of Restoration Opportunities Assessment Methodology (ROAM) in Asia

Summary of findings from the first Asia Regional ROAM Learning Exchange



# Summary of key findings

- **Insufficient technical capacity** continues to hinder the uptake of FLR.
- In landscapes that are more advanced in FLR implementation, **local heads of the government, especially line agencies and government representation outside of the traditional forest sector, play a crucial role.**



## Application of Restoration Opportunities Assessment Methodology (ROAM) in Asia

Summary of findings from the first Asia Regional ROAM Learning Exchange



# ROAM in multiple languages

**IUCN**  **WC RE: IN!**

**Pedoman Me Evaluasi Kese Restorasi (ME**

**Mengkaji kesempatan restor lahan pada tingkat nasional :**

**IUCN**  **WORLD RESOURCES INSTITUTE**

**ပြန်လည်ပြုစုပျိုးထောင်ရေး အခွင့်အလမ်းများကို အကဲလမ်းညွှန် (ROAM)**

**သစ်တောပြုစုရေးရာသွင်ပြင်ရှင်း ပြန်လည်ပြုစုပျိုးထောင်ရေး အကဲဖြတ်ခြင်း အမျိုးသားအဆင့် သို့မဟုတ် နိုင်ငံတော်ဆန်းစစ်ခြင်း**

**IUCN**  **WOR RESC INST**

**Hướng dẫn các đánh giá cơ hội**

**Đánh giá cơ hội phục hồi cả ở cấp quốc gia hoặc địa phương**

**IUCN**  **WORLD RESOURCES INSTITUTE**

**A guide to the Restoration Opportunities Assessment Methodology (ROAM)**

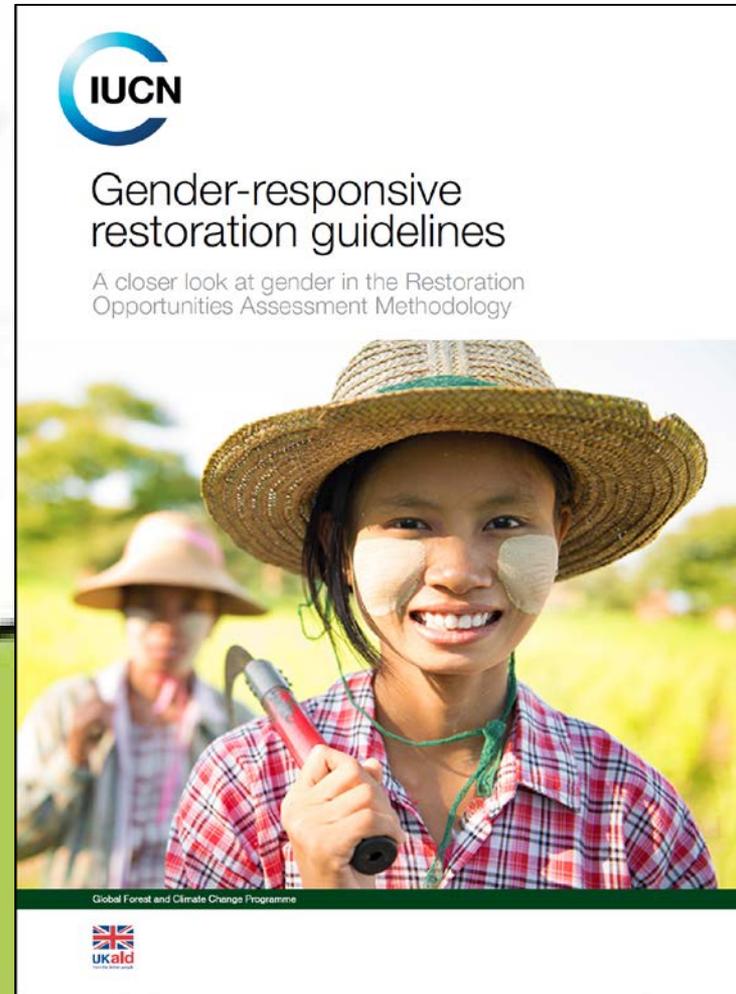
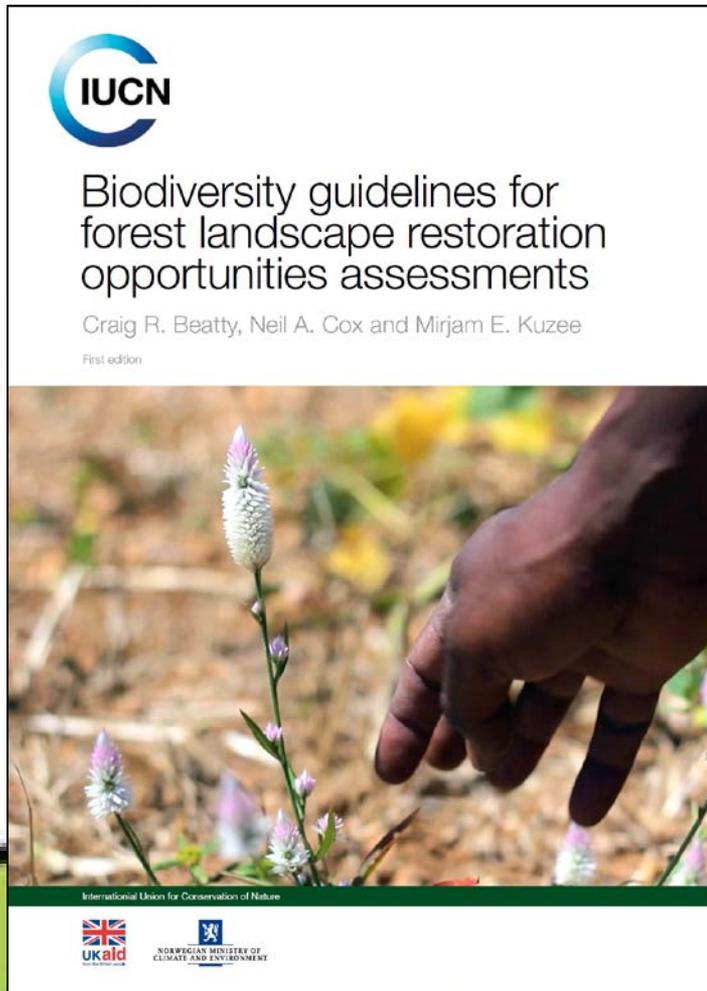
**Assessing forest landscape restoration opportunities at the national or sub-national level**

**ROAD-TEST EDITION**

**THE GLOBAL PARTNERSHIP FOR LANDSCAPE RESTORATION**

**BONN CHALLENGE 2011**

# Additional ROAM guidelines



# Learning materials



## IUCN's Restoration Assessment Methodology (ROAM) - an overview

4:24

IUCN, International Union for Conservation of Nature



## ROAM - Phase 1 - Preparation and Planning

5:29

IUCN, International Union for Conservation of Nature



## ROAM - Phase 2 - Data Collection and Analysis

11:32

IUCN, International Union for Conservation of Nature

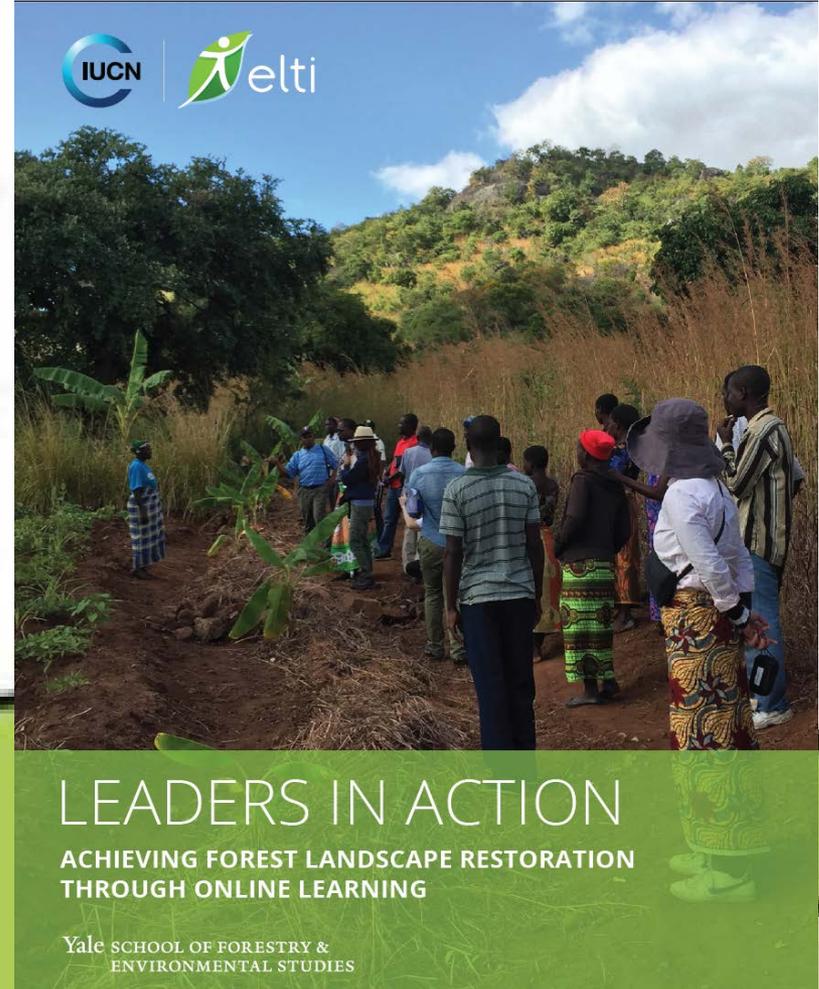
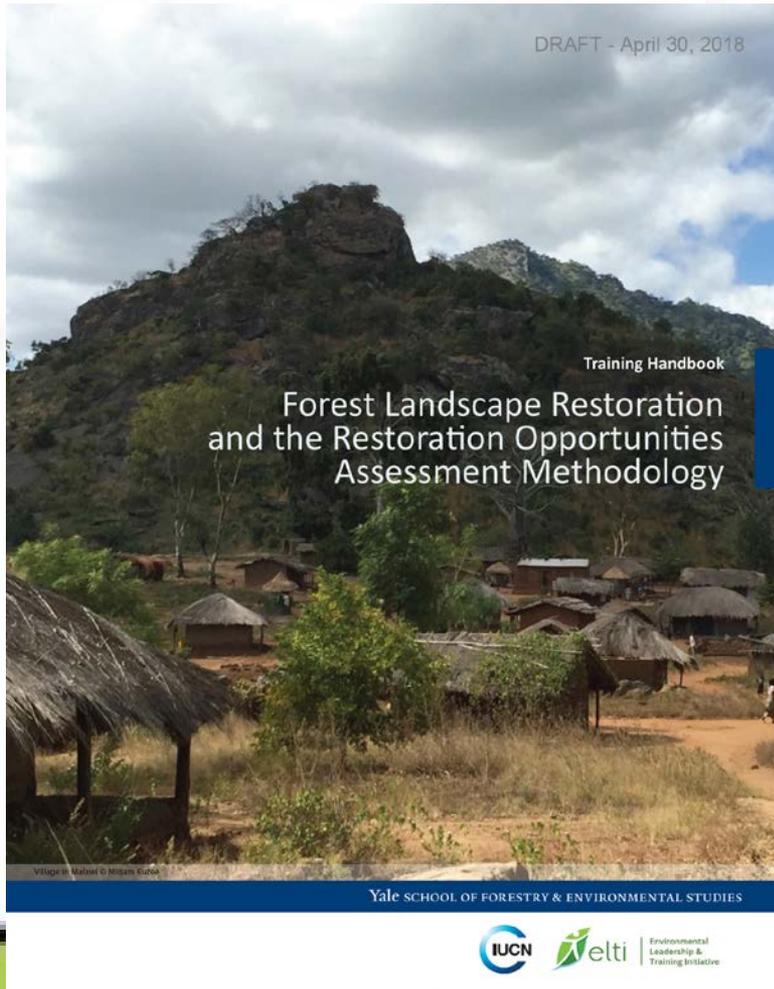


## ROAM - Phase 3 - Results to Recommendations

5:07

IUCN, International Union for Conservation of Nature

# Learning materials



# Country reports



## Bonn Challenge and India

Progress on restoration efforts across states and landscapes



INTERNATIONAL UNION FOR CONSERVATION OF NATURE



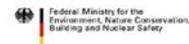
## Assessing Opportunities for Forest Landscape Restoration in Quang Tri, Vietnam

Dean Rizzetti, Kees Swaans, John Holden, Jake Brunner, Le Thi Thanh Thuy, Nguyen Duc Tu



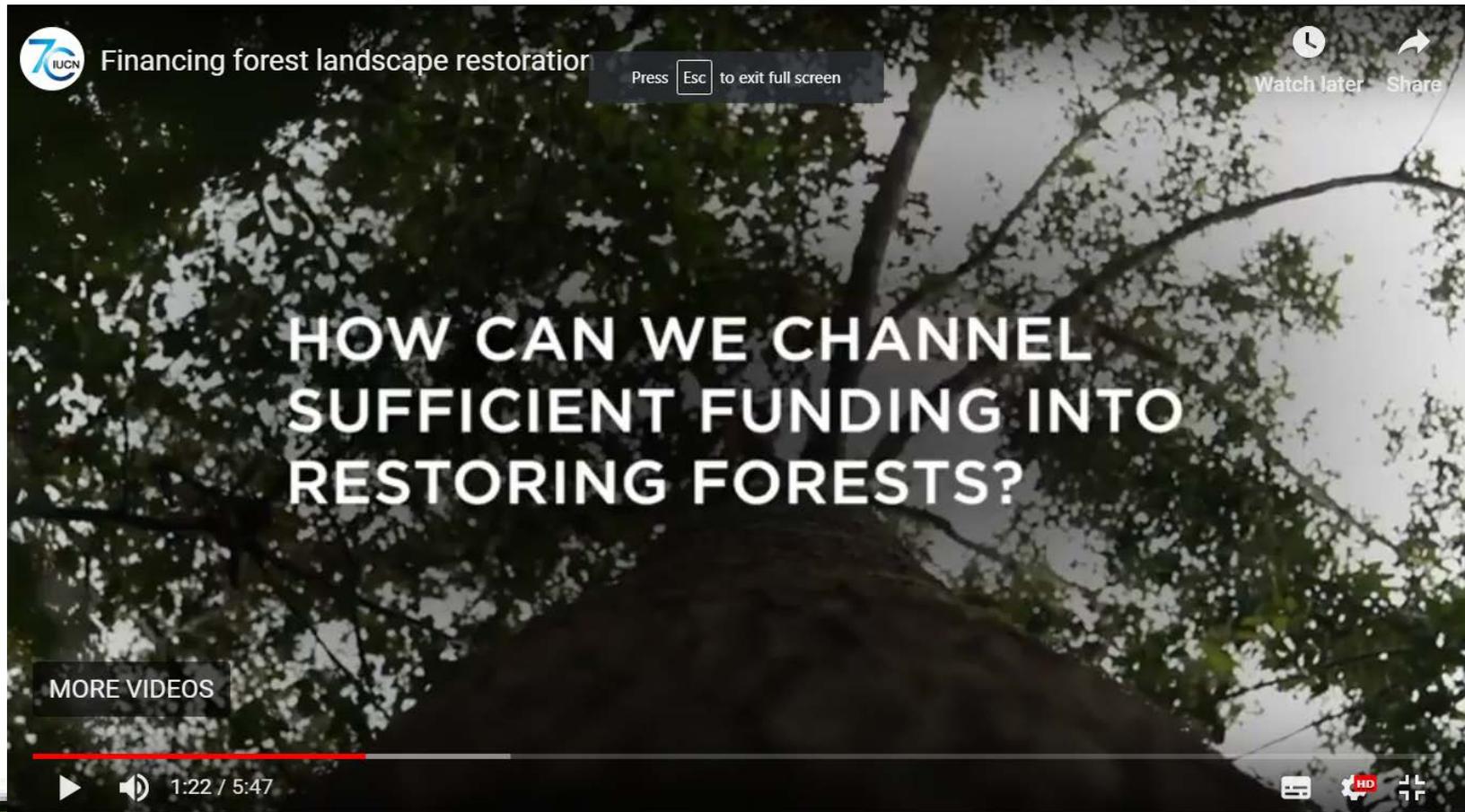
INTERNATIONAL UNION FOR CONSERVATION OF NATURE

On behalf of:



of the Federal Republic of Germany

# Other Knowledge products





# Summary

- IUCN has been instrumental on conceptualizing FLR and developing tools like ROAM.
- We continue to spearhead on applying FLR and ROAM in more landscape contexts, as well as capturing the lessons learnt.
- We look forward to working with partners on developing strategic frameworks and institutions for FLR, including technical guidance and learning networks.

# Thank you!

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[Jia.li@iucn.org](mailto:Jia.li@iucn.org)

