



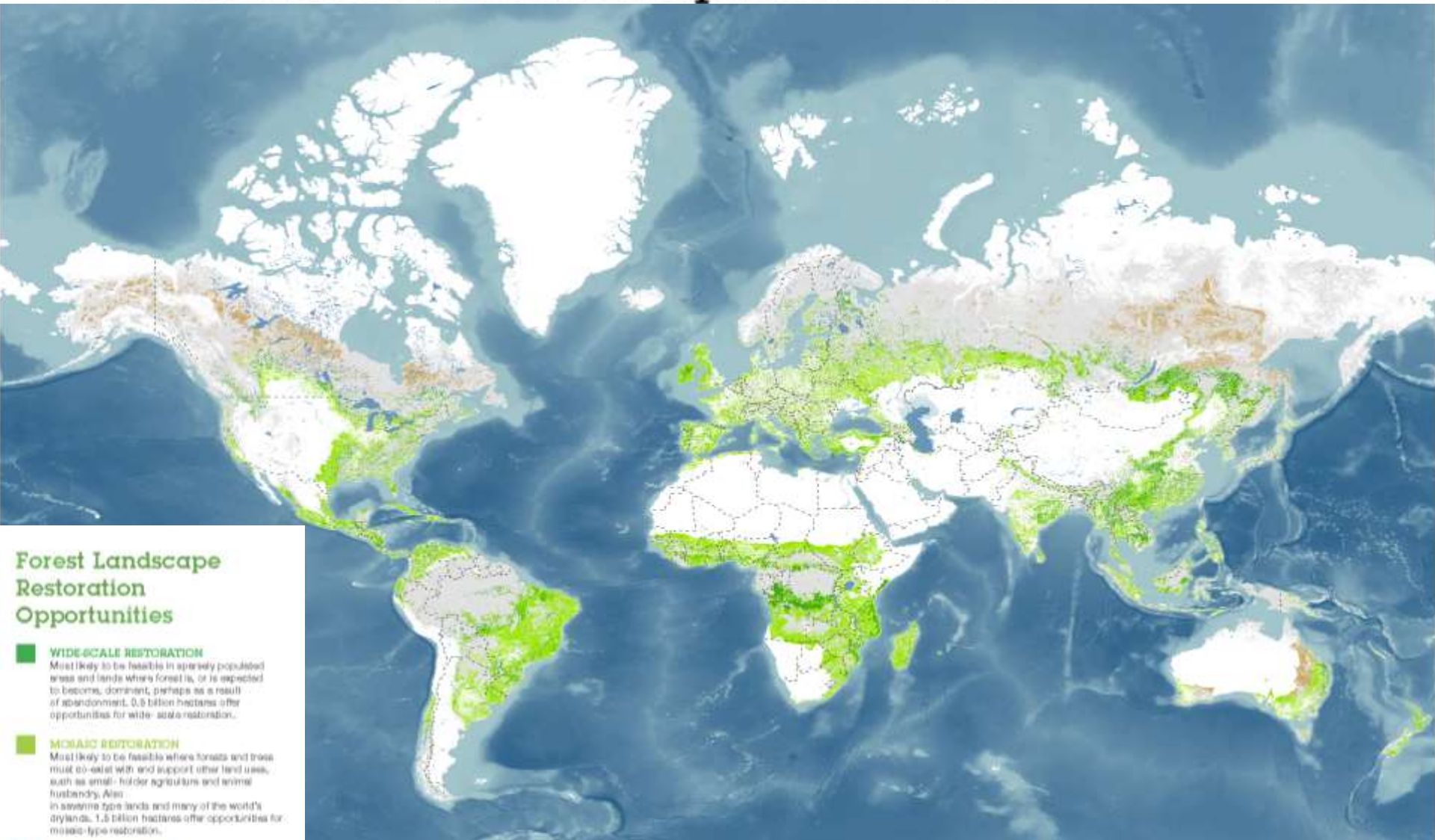
# Forest and Landscape Restoration



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**IUCN Global Forest and Climate Change Programme**  
**Nature based solutions groups**



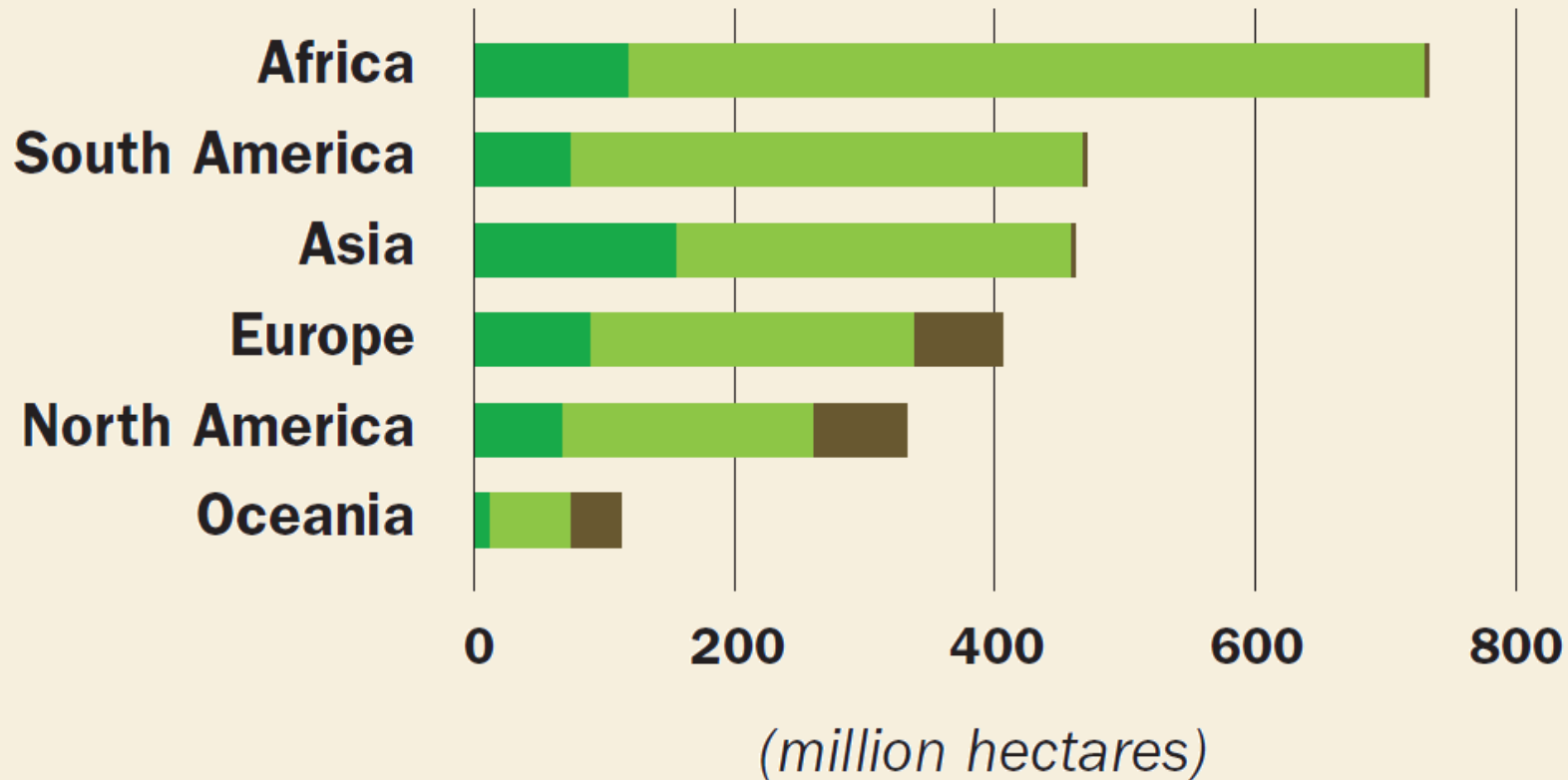
# A World of Opportunity for Forest and Landscape Restoration



## Forest Landscape Restoration Opportunities

- **WIDESCALE RESTORATION**  
 Most likely to be feasible in sparsely populated areas and lands where forest is, or is expected to become, dominant, perhaps as a result of abandonment. 0.5 billion hectares offer opportunities for wide-scale restoration.
- **MOZAIC RESTORATION**  
 Most likely to be feasible where forests and trees must co-exist with and support other land uses, such as small-holder agriculture and animal husbandry. Also in savanna-type lands and many of the world's drylands. 1.5 billion hectares offer opportunities for mosaic-type restoration.
- **REMOTE RESTORATION**  
 Restoration of remote, unpopulated areas may not be feasible, even if otherwise suited for wide-scale restoration.
- **FOREST WITHOUT RESTORATION NEEDS**  
 Landscapes where the forest density is not significantly below its natural potential.

# There is great opportunity for restoration of degraded lands across the world



Wide-scale restoration

Mosaic-type restoration

Remote, unpopulated areas



# Partnerships to Advance Forest and Landscape Restoration

The **Global Partnership on Forest/Landscape Restoration** was launched by the UK, IUCN and WWF at FAO COFO in 2003. The GPFLR works to:

1. Build support for forest restoration with key decision makers, at the local and international level; and
2. Provide information and tools to strengthen restoration efforts around the world.





Together we launched the Bonn Challenge in 2011



A global goal to restore  
**150 million hectares** of  
degraded and deforested  
lands by 2020

Increased to **350 million  
hectares** by 2030 under  
the New York Declaration  
on Forests as part of the  
2014 UN Climate Summit



The Bonn Challenge will serve as an important implementation vehicle for existing global commitments, including:



**Convention on Biological Diversity**



**United Nations Framework Convention on Climate Change**



United Nations Convention to Combat Desertification



**SUSTAINABLE DEVELOPMENT GOALS**  
17 GOALS TO TRANSFORM OUR WORLD

**UN-REDD PROGRAMME**



The United Nations Collaborative Programme on Reducing Emissions from Deforestation and Forest Degradation in Developing Countries

# The benefits of meeting the goal will be great. 150 million hectares of forest and landscape restoration will:



Produce \$84 billion per year in net benefits to local and national economies

Sequester an additional 1 GtCO<sub>2</sub>e per year

Reduce the current “emissions reduction gap” by 11% to 17%.

Increase crop yields by 30% on up to 50 million hectares.





# Bonn Challenge Contributors

## 89.034 Million Hectares

|                             | Millions of Hectares |
|-----------------------------|----------------------|
| Argentina                   | 1                    |
| Asia Pulp and Paper         | 1                    |
| Brazil Atlantic Forest PACT | 1                    |
| Burundi                     | 2                    |
| Chile                       | 0.5                  |
| Colombia                    | 1                    |
| Costa Rica                  | 1                    |
| DRC                         | 8                    |
| Ecuador                     | 0.5                  |
| El Salvador                 | 1                    |
| Ethiopia                    | 1                    |
| Ghana                       | 1                    |
| Guatemala                   | 1.2                  |
| Honduras                    | 1                    |

|                       | Millions of Hectares |
|-----------------------|----------------------|
| India                 | 13                   |
| KPK (Pakistan)        | 0.384                |
| Liberia               | 1                    |
| Madagascar            | 1                    |
| Mexico (National)     | 7.5                  |
| Campeche (Mexico)     | 0.4                  |
| Quintana Roo (Mexico) | 0.3                  |
| Yucatan (Mexico)      | 0.25                 |
| Mozambique            | 1                    |
| Nicaragua             | 2.8                  |
| Niger                 | 3.2                  |
| Peru                  | 3                    |
| Rwanda                | 2                    |
| Uganda                | 2.5                  |
| US Forest Service     | 15                   |

Supported by 20x20 initiative and AFR100 regional platform



# Underpinning BC is Forest & Landscape Restoration:

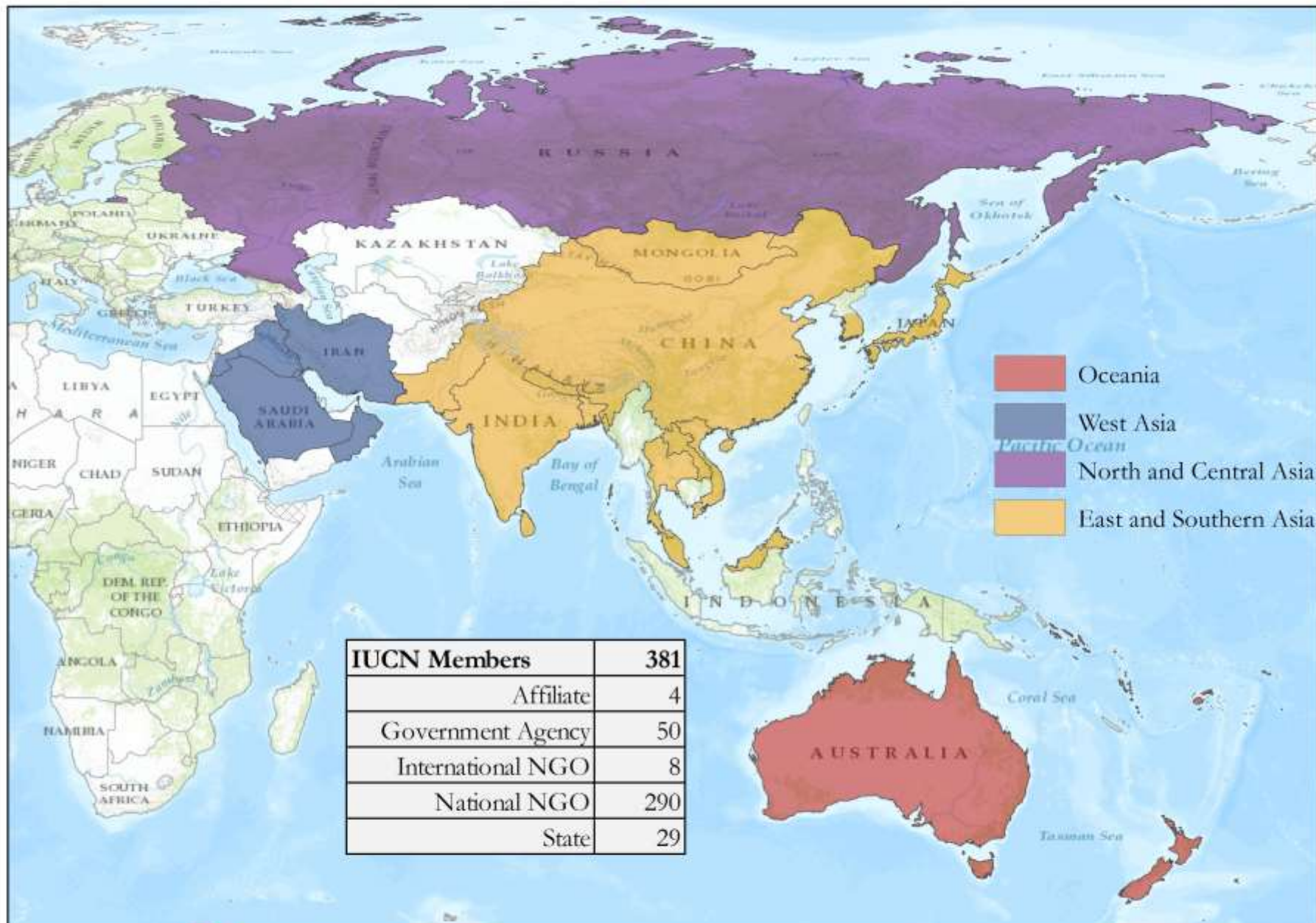
Delivers ecological integrity and human well-being through multi-functional landscapes

FLR



Bringing people together to identify, negotiate, and implement practices that restore an agreed optimal balance of the ecological, social, and economic benefits of forests and trees within a broader pattern of land uses



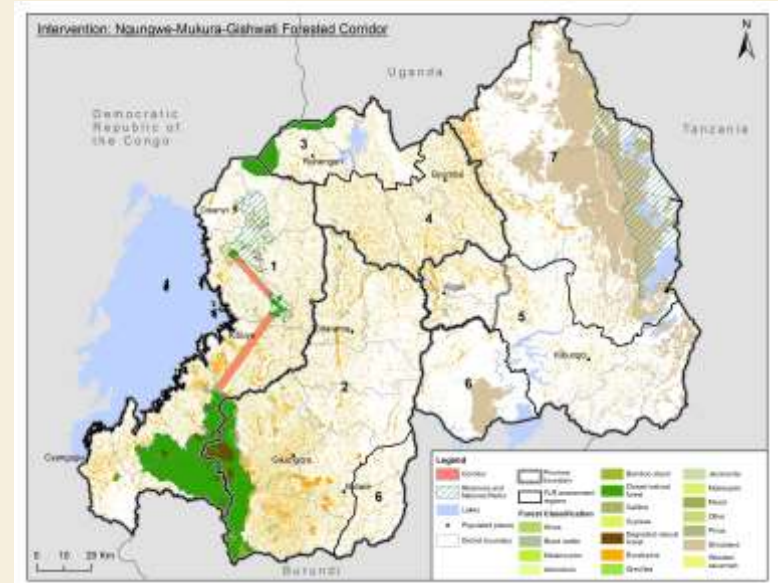
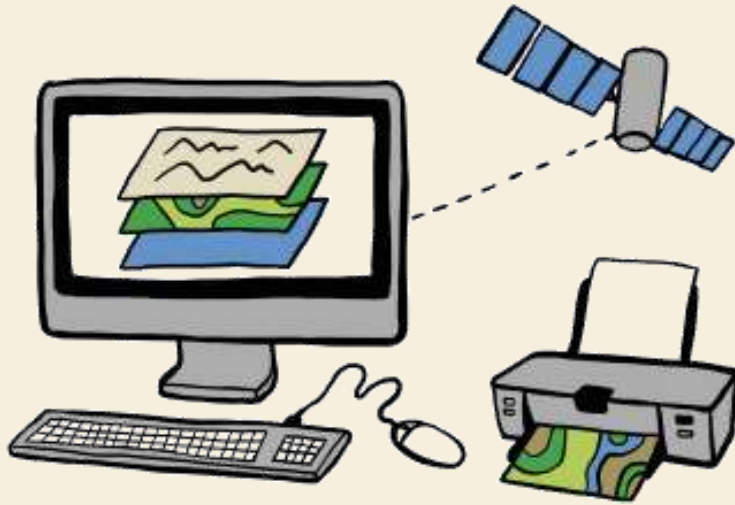


## Asia and Oceania Member States



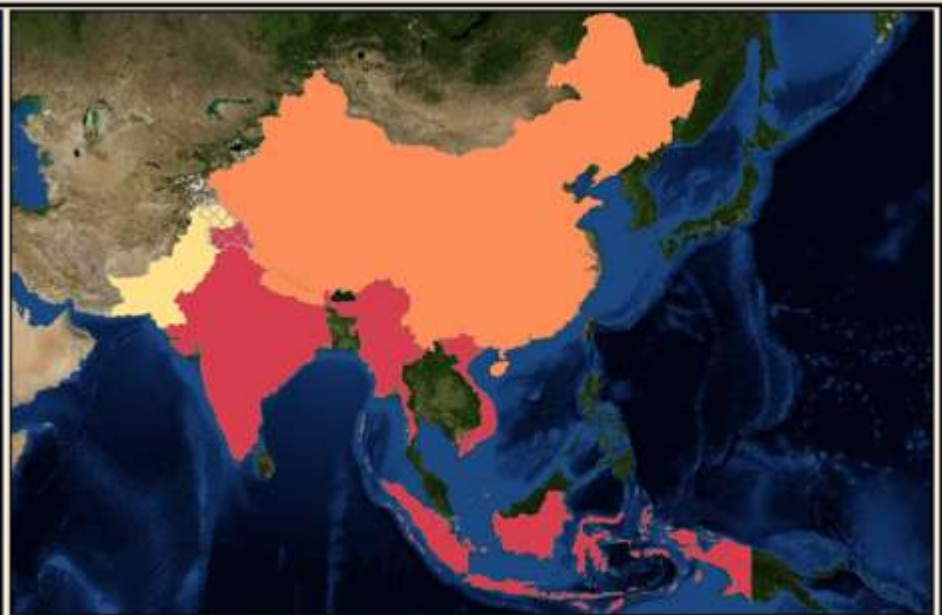
# How do we identify FLR opportunities? The Restoration Opportunity Assessment Methodology (ROAM)

best science



best knowledge





Status

- Planned
- Tentatively Planned
- Technical Support
- Ongoing
- National Completed



# Forest Landscape Restoration Assessment Countries





FLR Forum 2015

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