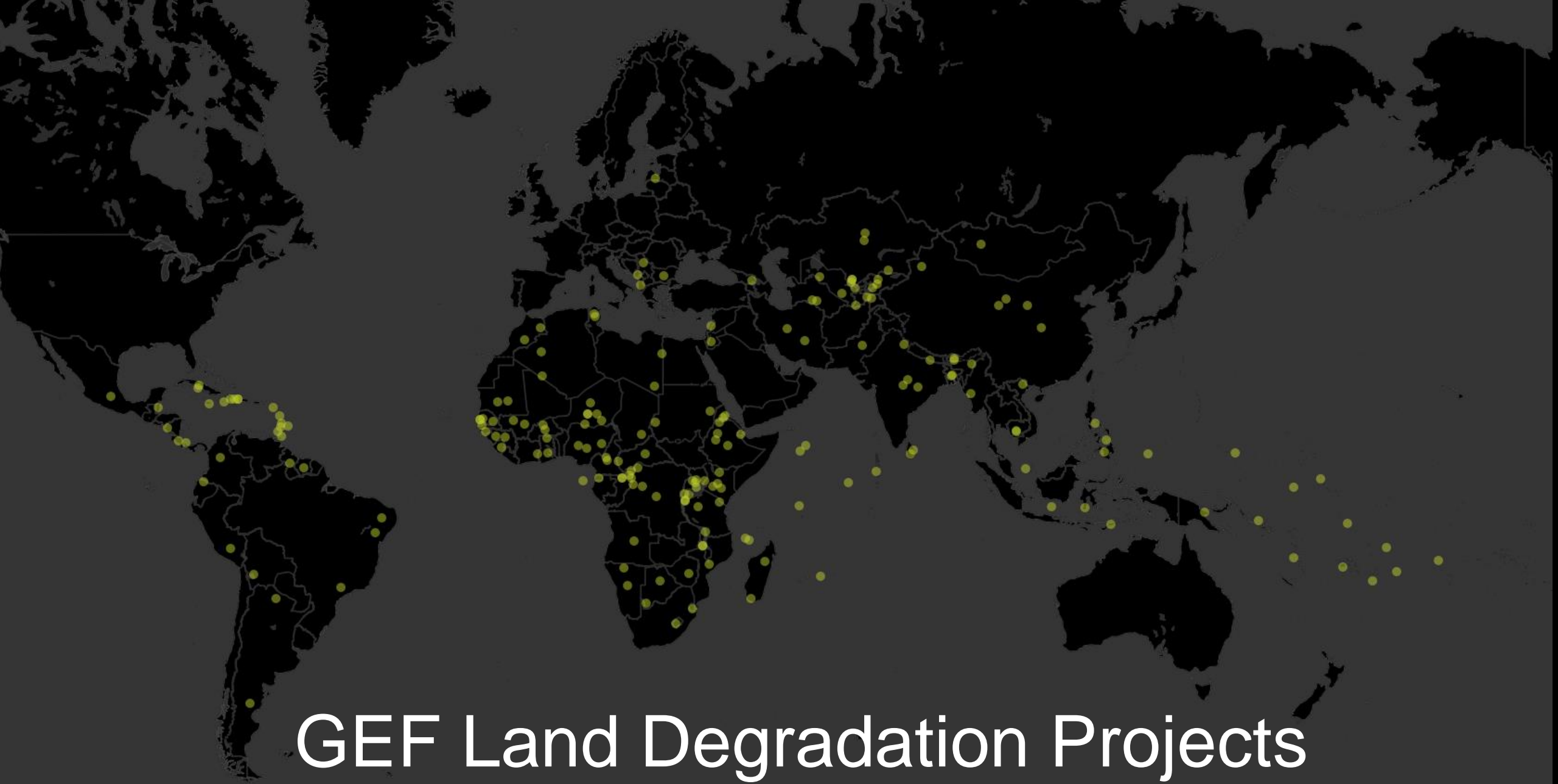
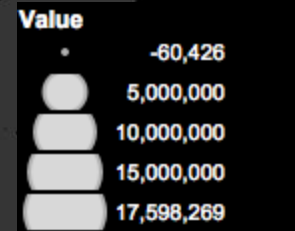
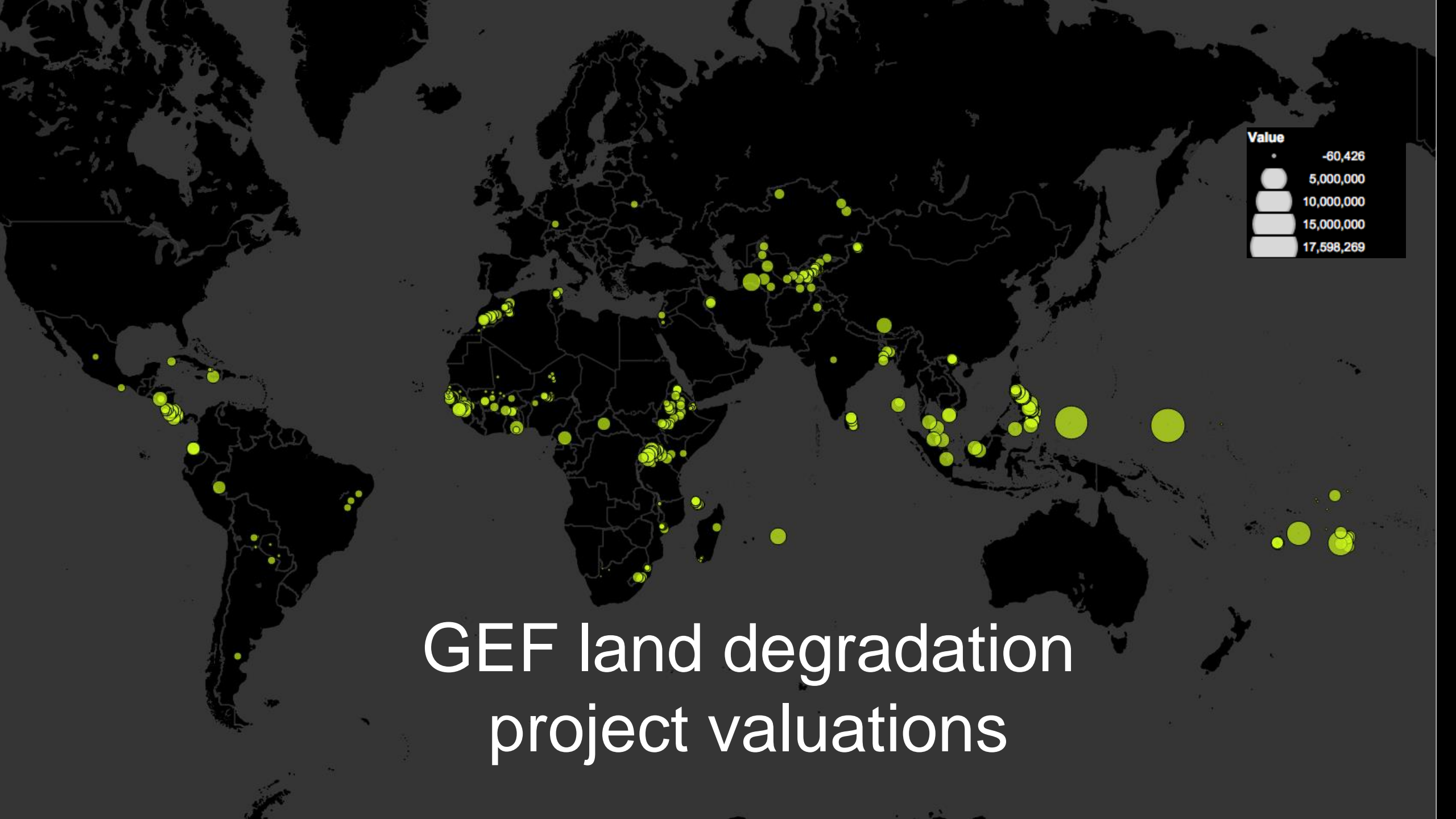




**Value for money analysis of  
GEF Land degradation  
projects**



# GEF Land Degradation Projects



GEF land degradation  
project valuations



# Findings about location



Positive  
increase in  
NDVI



25 km of  
protected area



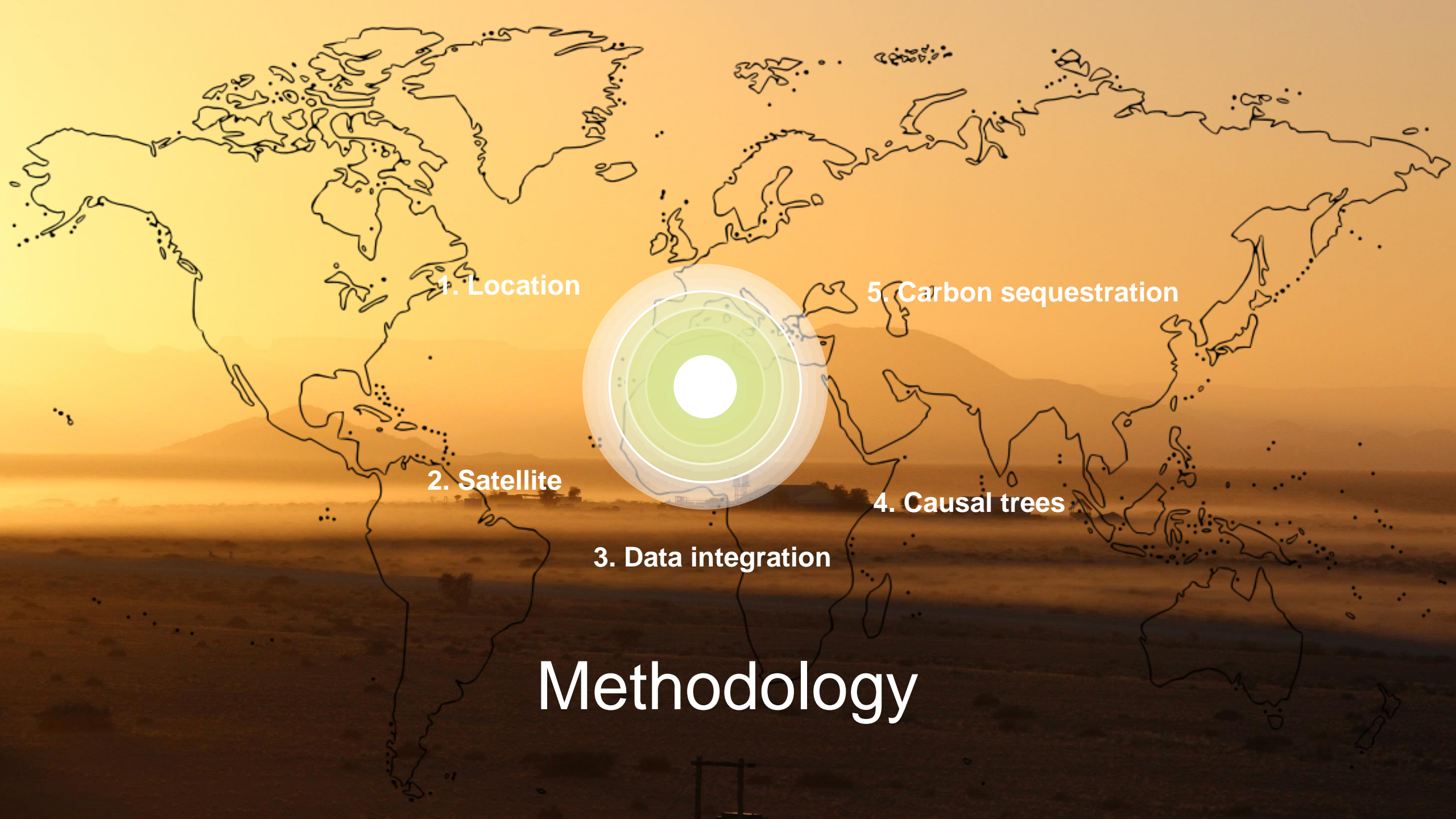
Low density



Variable  
characteristics



Some without  
forest cover



1. Location

5. Carbon sequestration

2. Satellite

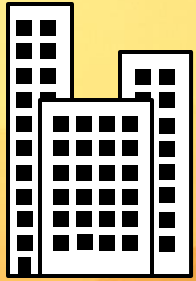
4. Causal trees

3. Data integration

# Methodology







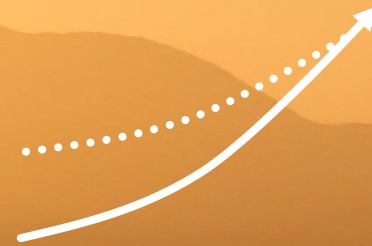
Less effective  
near urban  
areas



Time  
required



Multifocal



Initial  
conditions



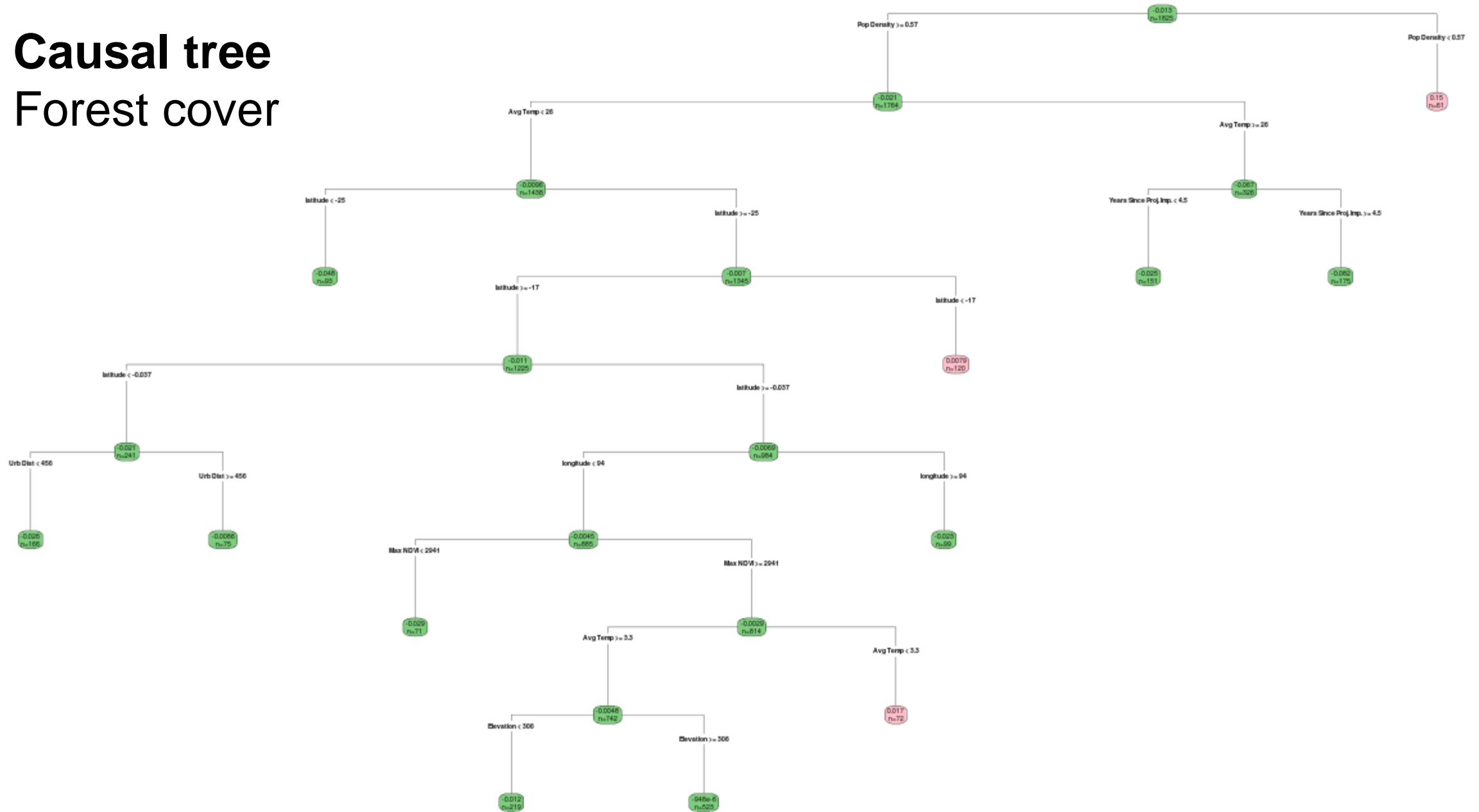
Environmental  
and economic  
characteristics

# Findings: NDVI

# Causal tree

## Forest cover

### Forest Landcover







4.5 years after



Population  
density



More effective  
near urban  
areas

Findings: Forest cover



43.52

tons of carbon sequestered  
per hectare

108,800


tons of carbon sequestered  
per project location

\$7,500,000

Average per project contributed  
from carbon sequestration alone

Findings



A landscape photograph at sunrise or sunset. The sky is a warm, golden-orange color. In the background, there are several layers of mountains, with the closest ones being dark silhouettes. In the middle ground, there is a small settlement or farmstead with several buildings, including a prominent water tower. The foreground is a dark, hazy field. Two large, semi-transparent white circles are overlaid on the image, one on the left and one on the right, containing text.

Use a learning-based approach  
as an initial screening tool for  
project planning

Collect the exact geographic information  
of GEF land degradation activities on an  
ongoing basis

Suggestions