ViridisTerra

Integrated Forest Landscape Restoration
Natural Capital Assets as a means to reach Net Zero Nature Positive Supply Chains

Biodiversity Credits in Supply Chains

Wall Street Green Summit

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Biodiversity Credit Market

Quality Hectare as a global metric to generate credits

QH = 1

QH = 0.5

QH = 0

Tropical Forest

Temperate Forest

Boreal Forest

Project Impacts on Climate and Nature

Humans have already degraded nearly 40% and altered 70% of the world's productive land

2B

Hectares of degraded land globally that were originally healthy and productive natural ecosystems

$44T

Annual economic output being put at risk by land degradation

2-10X

More damages to infrastructures in degraded landscapes from extreme weather

25%

Annual carbon emissions due to land use change and soil degradation

Degraded land: has been depleted of natural resources, soil fertility, water, biodiversity, trees or native vegetation

Natural Infrastructures are key in increasing resilience against extreme climatic conditions

Source: United Nations – Convention to Combat Desertification - Global Land Outlook 2 (GLO2)

Supply Chain

From Primary to Secondary Industries – Building the Future

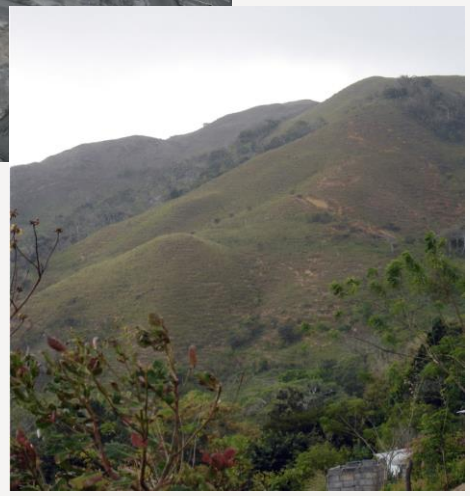
Extraction

Initial processing and Manufacturing

Urban development and Living spaces

Example - Extractive Project

Cobre Panama project in Panama – Lost social license to operate



IMPACT

$6.4B
Investment to develop and build the mine

1.5M tons CO2eq. / year
GHG Emissions for operating the mine

40.8K acres degraded
13.6k Quality Hectares lost

OPPORTUNITY

$204M additional investment in IFLR
Over $1B economic value for local communities generated

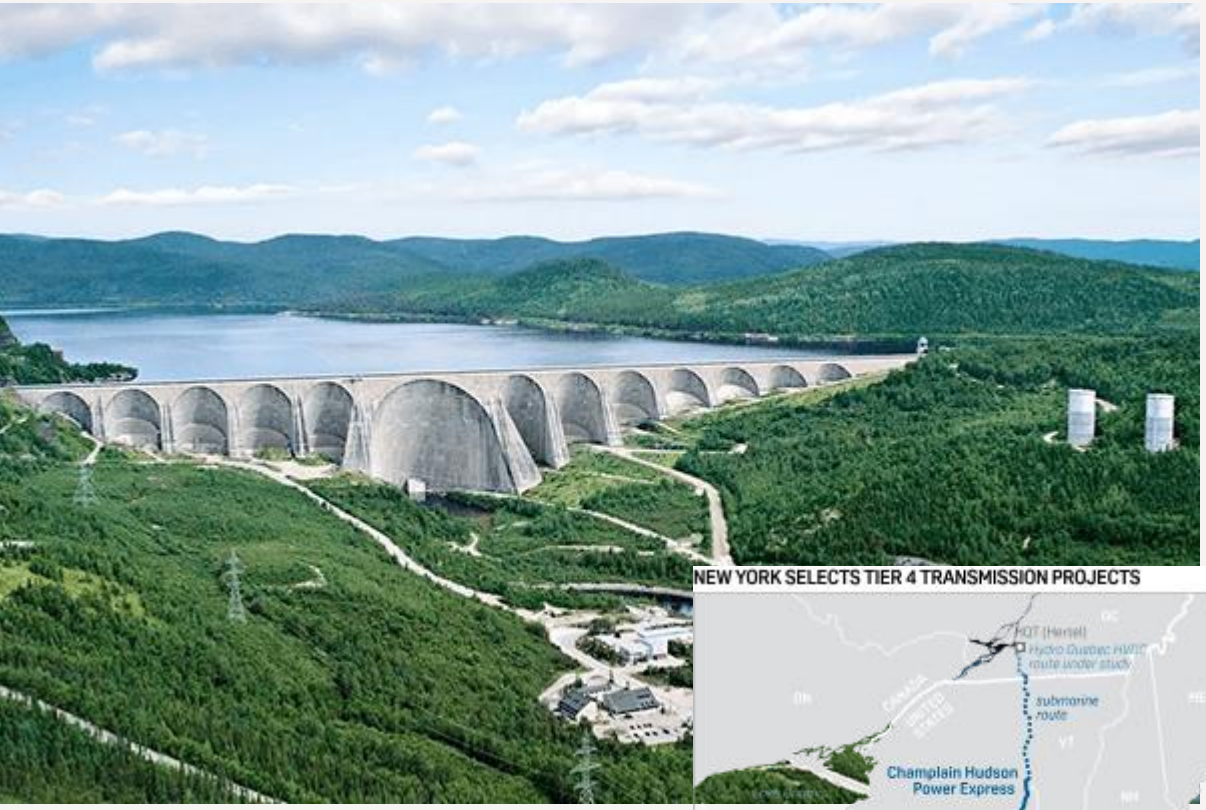
9.5M tons CO2eq. removed
Over 25 years, neutralizing more than 6 years of emissions

102K acres restored
13.6k Quality Hectares created (Biodiversity gain)

$61M (30%) invested in C/B
Represent less than 1 % total investment in project

Example – Renewable Energy Project

Champlain Hubson Power Express line from Quebec to New York (USA)



Source: S&P Global Platts, NYSERDA, individual companies

IMPACT

$6B
Investment to develop and build the line

2.5M tons CO2eq. emitted
Just from land use change

339 miles disturbed ecosystems
Up to 5.5k quality hectares lost

OPPORTUNITY

$206M additional investment in IFLR
From traditional agriculture to regenerative agroforestry
Represents 3.4% of total investment in project

2.75M tons CO2eq. removed
Over 40 years, neutralizing all GHG emissions from LUC

41K acres restored
5.5 k quality hectares created (Biodiversity gain)

Example - Transport Project

Alto Project – High Speed rail network from Toronto to Quebec City (Canada)

IMPACT

$80B
Investment to develop and build the train infrastructure

4.5M tons CO2eq. emitted
Just from land use change

621 miles of railroad
Up to 10K Quality Hectares lost

OPPORTUNITY

$375M additional investment in IFLR
Regenerative Agroforests, Urban Forests, Wetlands
Represents 0.5 % of total investment in project

5M tons CO2eq. removed
Over 40 years, neutralizing all GHG emissions from LUC

75K acres restored
10k Quality Hectares created (Biodiversity gain)

Example – Real Estate Infrastructure Project

New Indonesian Capital City – Nusantara (Indonesia)

IMPACT

$35B
Investment to develop and build the phase 1 of city

44M tons CO2eq. emitted
Just from land use change

192K acres to be degraded
64k Quality Hectares lost (25% of city areas)

OPPORTUNITY

$960M additional investment in IFLR
Over $5B economic value for local communities generated

45M tons CO2eq. removed
Over 30 years, neutralizing all GHG emissions from LUC

480K acres restored
64k Quality Hectares created (Biodiversity gain)

$288M (30%) invested in C/B
Represent 0.8 % total investment in project

The IFLR solution

Commercialize natural capital from land restoration using technology-driven solution

1 Identify **degraded landscape** using our land qualification methodology

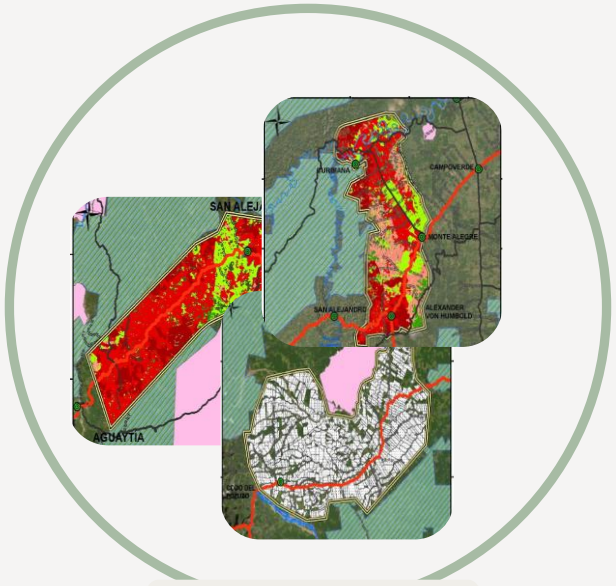
2 **Restore natural capital assets** by using proprietary biotechnologies and innovative land management models

3 **Scale restoration activities** using our proprietary digital platform and automated processes

4 **Commercialize natural capital** by removing carbon, mitigating biodiversity loss and producing nature-positive commodities creating sustainable wealth for communities

Strategic assets

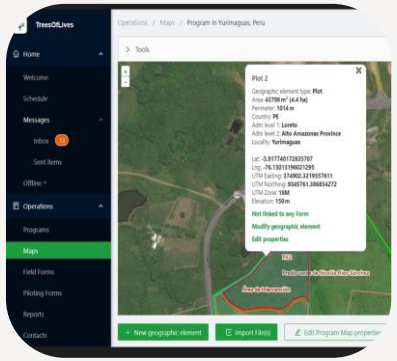
Proprietary technologies to unlock scalability and profitability



350K+ ha

Access to land

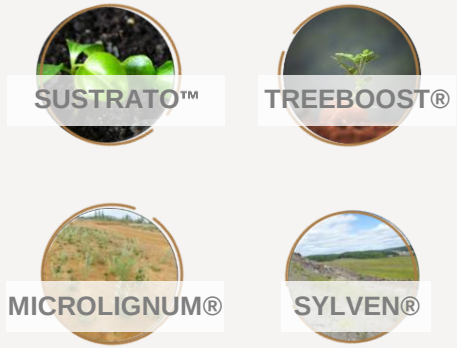
Large capital deployment capabilities and velocity



100x capacity

Integrated cloud platform

Impact measurement, operation management, processes automation and economies of scale



2X outputs

Biotechnologies

Maximize natural ecosystem growth and survival

Conclusion

Biodiversity and Carbon insetting will be key to reach net zero and nature positive future

- **All development projects have impact on nature**
- **Hard to do biodiversity offsetting**
- **Solution – Integrating investment in local natural infrastructures**
- **Adaptation to climate change**

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