

Role of Forests in Post-Covid19 Recovery & GGGI Response

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24th August 2020



Agenda

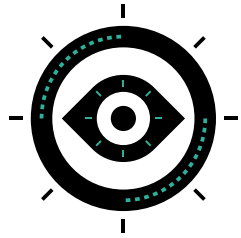
- Introduction
- Forests and Green Recovery
- GGGI's Response



Introduction

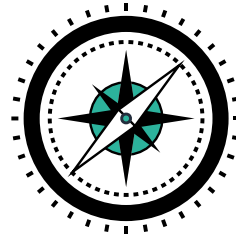


GGGI's Vision, Mission, & Position



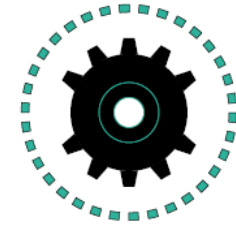
Our Vision

**A LOW-CARBON, RESILIENT
WORLD OF STRONG,
INCLUSIVE, AND SUSTAINABLE
GROWTH**



Our Mission

**GGGI SUPPORTS ITS MEMBERS
IN THE TRANSFORMATION OF
THEIR ECONOMIES TO A GREEN
GROWTH ECONOMIC MODEL.**



Our Position

**A TRUSTED ADVISOR &
DEVELOPMENT PARTNER
EMBEDED IN MEMBER &
PARTNER GOVERNMENTS**

GGGI at a Glance

Headquartered in Seoul, Republic of Korea, GGGI has **37 Members**.



(updated as of Q2, 2020*)

Forests and Covid19 Recovery



Zoonotic Disease

Problem

- Frequency of infectious disease is on the rise
- $\frac{3}{4}$ infectious disease – all recent pandemics – are zoonotic (SARS, Nile Fever, MERS, Swine Flu, Covid19)

Cause

- Increased human / wildlife interaction – and agricultural expansion
- Wildlife trade / consumption
- Landscape change
- Agriculture – unsustainable food production

Healthy Forests Reduce Risk of Disease

Expenditures (Annual)

- Wildlife Trade - 250-750 million USD
- Reducing Deforestation – 1.5-9.5 billion USD
- Total cost = 22.0 to 31.2 billion
- **Total benefits = 17.7 to 26.9 billion USD**

Damages from CoVid19

- **Estimated damage - 8.1 to 15.8 trillion USD**
- Dobson et. Al., (2020). Science. Vol 369, 6502



Forests as a Safety Net in Times of Crises



- Forests are a safety net in times of crisis – food, income, housing, fuel
- Forests provide food, income for 20% of global population – 1.5 billion people in Africa
- Covid turmoil will impact the poor most (@160 million could face extreme poverty)
UN 2020



Restoring Forests for Job Creation

- 1USD restoration = 8 USD benefits
- 1 million USD = 500-1000 forest jobs (Nair 2009)
- Conditional cash transfers (cash for work program)
- Fast acting – direct to the poor



Agriculture – Disrupted Value Chains

- 265 million people on brink of starvation, doubled following pandemic
- Additional due to locusts, climate, water, violence / instability
- Investments needed to restore food security and build resilient supply chains (seeds, fertilizer, technology)
- Solar powered irrigation solutions
- Safety-net programs
- Provision of finance for farmers & enterprise to ensure adequate food availability

GGGI's Response



GGGI's responses to COVID-19 by 2030

Throughout the COVID-19 pandemic, GGGI is in a strong position to *accelerate the green transition* for its Members with its Strategy 2030 targets:

2 million Green
Jobs

16 Billion USD
leveraged

8 million
adaptation to
climate change

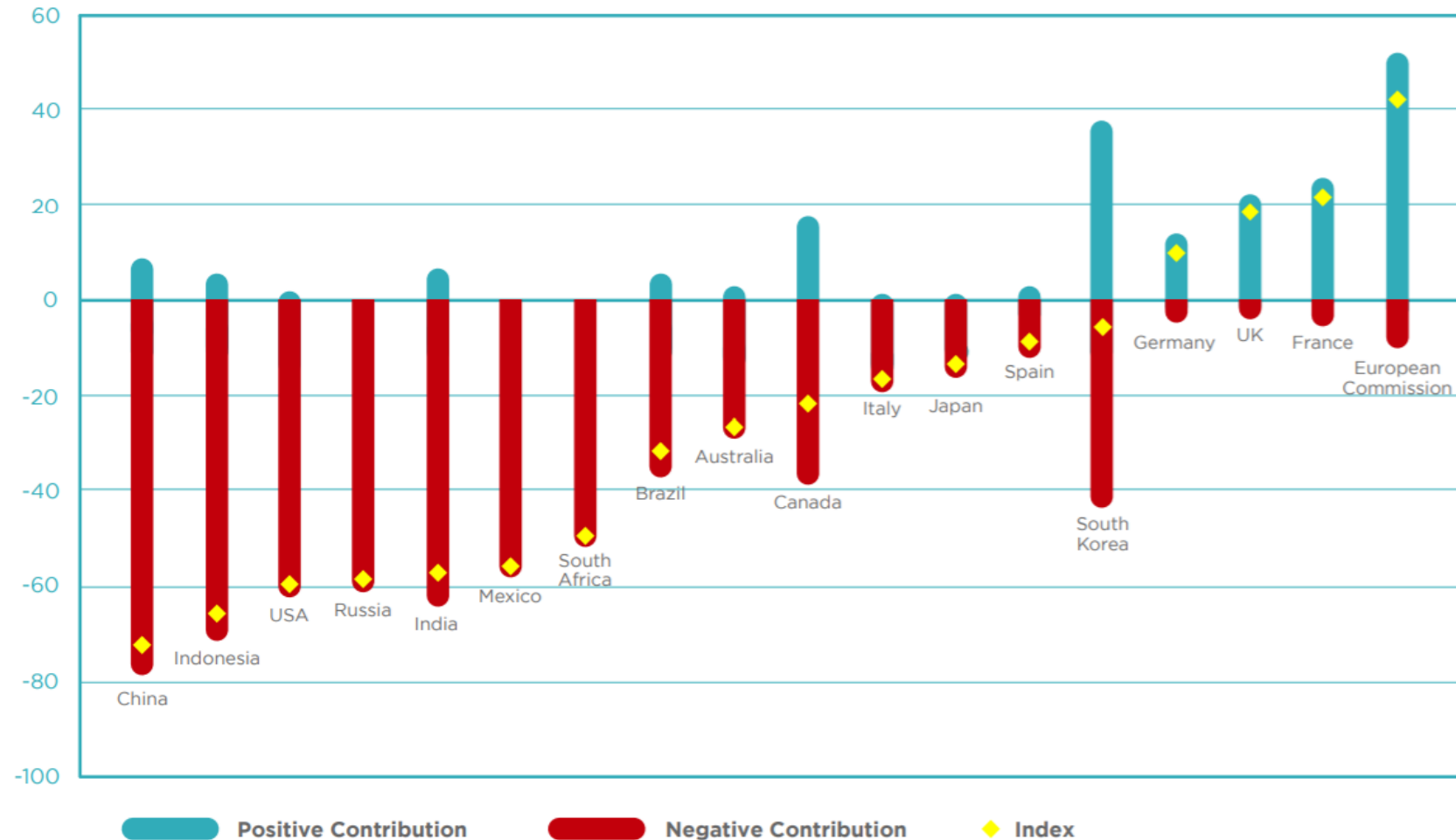
Sustainable Landscapes

3 Achieving a sustainable and circular bioeconomy while securing healthy natural systems

- Climate Resilient Agriculture (solar irrigation, renewable energy application in agri value chain, resilient cropping practices, resource conservation)
- Sustainable Forests (REDD+, landscapes financing mechanisms, natural capital markets innovations)
- Coastal Resilience (mangroves as ecosystem for livelihoods, aquaculture, marine issues - fisheries, flood protection and pollution)



Green Stimulus Index



- <https://www.vivideconomics.com/casestudy/greenness-for-stimulus-index/>

Proposals – Forest Sector

- KOICA – Climate Resilient Landscapes
- Forest Restoration and Conditional Cash Transfers (@100 million USD - 10 African countries)
- Low Emission Development Planning - Ethiopia



Proposals – Agriculture Sector

- National Adaptation Plan – Ethiopia - GCF
- Climate Resilient Agriculture and Solar Irrigation – various donors



Roles

International Donors / Finance

- The international donor community must pay due attention to sustainable forest management, conservation and restoration of ecosystems to prevent disease, secure livelihoods, create green jobs, and to address climate change

Governments

- Countries need to ensure that 'forests' and sustainable agriculture are placed at the **heart of sustainable development strategies** as a solution

Achieving Green Growth and Climate Action Post-COVID-19

- <https://gggi.org/report/achieving-green-growth-and-climate-action-post-covid-19/>



Thank You

