



Achieving Green Growth Post-COVID-19

4 December 2020





Content

1. The role of GGGI in Indonesia's green economy agenda
2. Alignment climate actions with COVID-19 recovery plan
3. Opportunities for a green COVID-19 response
4. Recommendations for a COVID-19 recovery

1. Indonesia & GGGI

The **Global Green Growth Institute** is an intergovernmental organization founded to support and promote a model of economic growth known as "**green growth**".

GGGI has 38 members with operations in 33 countries

Support Indonesia to achieve green growth that is socially inclusive, environmentally sustainable and resource efficient



Support Indonesia to achieve its SDG & NDC Commitments



Help to access funding and shape financial instruments



Assist Indonesia to deliver green growth, by:

- ✓ driving investment
- ✓ designing green projects

with social, environmental, and economic benefits



The Five Desired Outcomes of Green Growth



Sustained economic growth



Healthy and productive ecosystems providing services



Inclusive and equitable growth

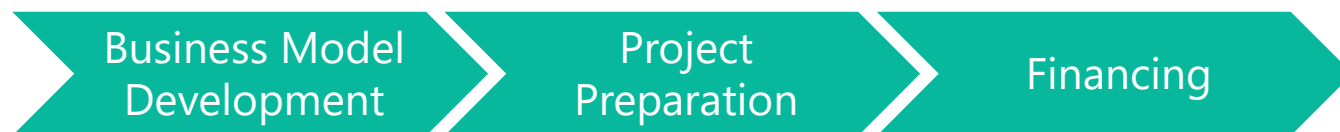


Social, economic, and environmental resilience



Greenhouse gas emission reduction

Indonesia & GGGI



Energy



Special Economic Zones
and Green Cities



Forest and Land-
based Mitigation

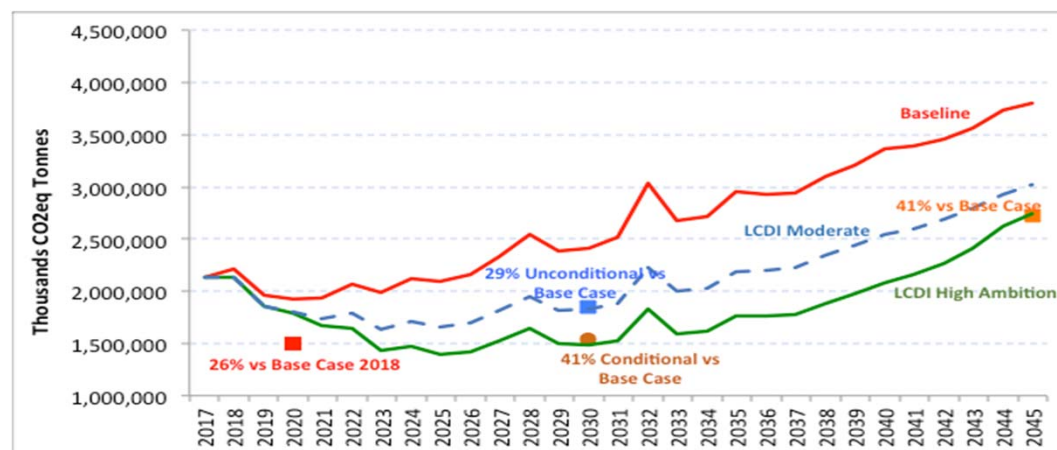
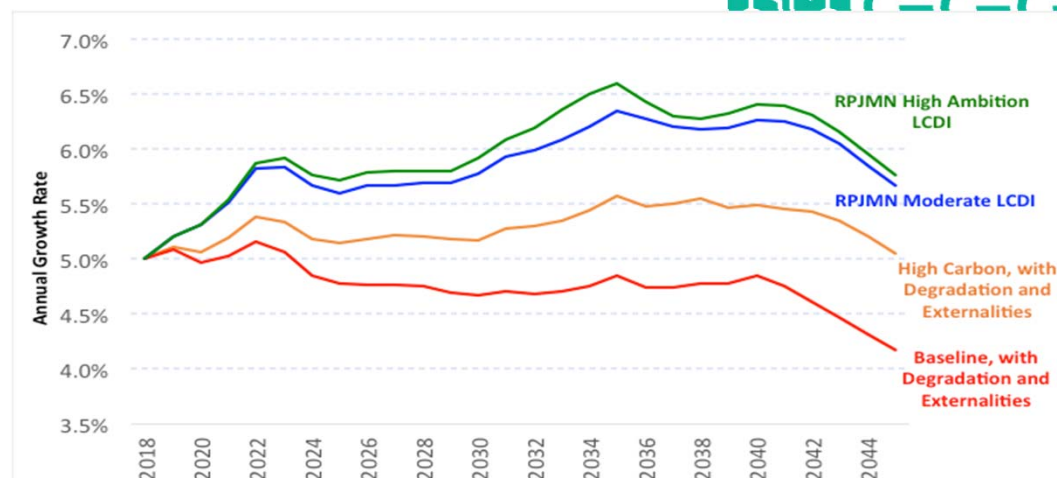


Planning, enabling, and investment in project demonstration

2. Alignment climate action with economic recovery plan



- ✓ **Climate-friendly, green measures can be implemented on an accelerated timescale**
 - Many of these already exist under the Indonesia's LCDI, NDC and SDG targets and plans
 - COVID-19 recovery strategies present an opportunity to embark on low carbon development scenarios as described in the RPJMN



Source: Bappenas (2019). Low Carbon Development: A Paradigm Shift Toward a Green Economy in Indonesia, Kementerian Perencanaan Pembangunan Nasional, Jakarta.

Alignment climate action with economic recovery plan



✓ As governments are currently seeking the right economic recovery measures projects, and investments, they can **screen the climate and green growth actions in NDC against economic recovery criteria**

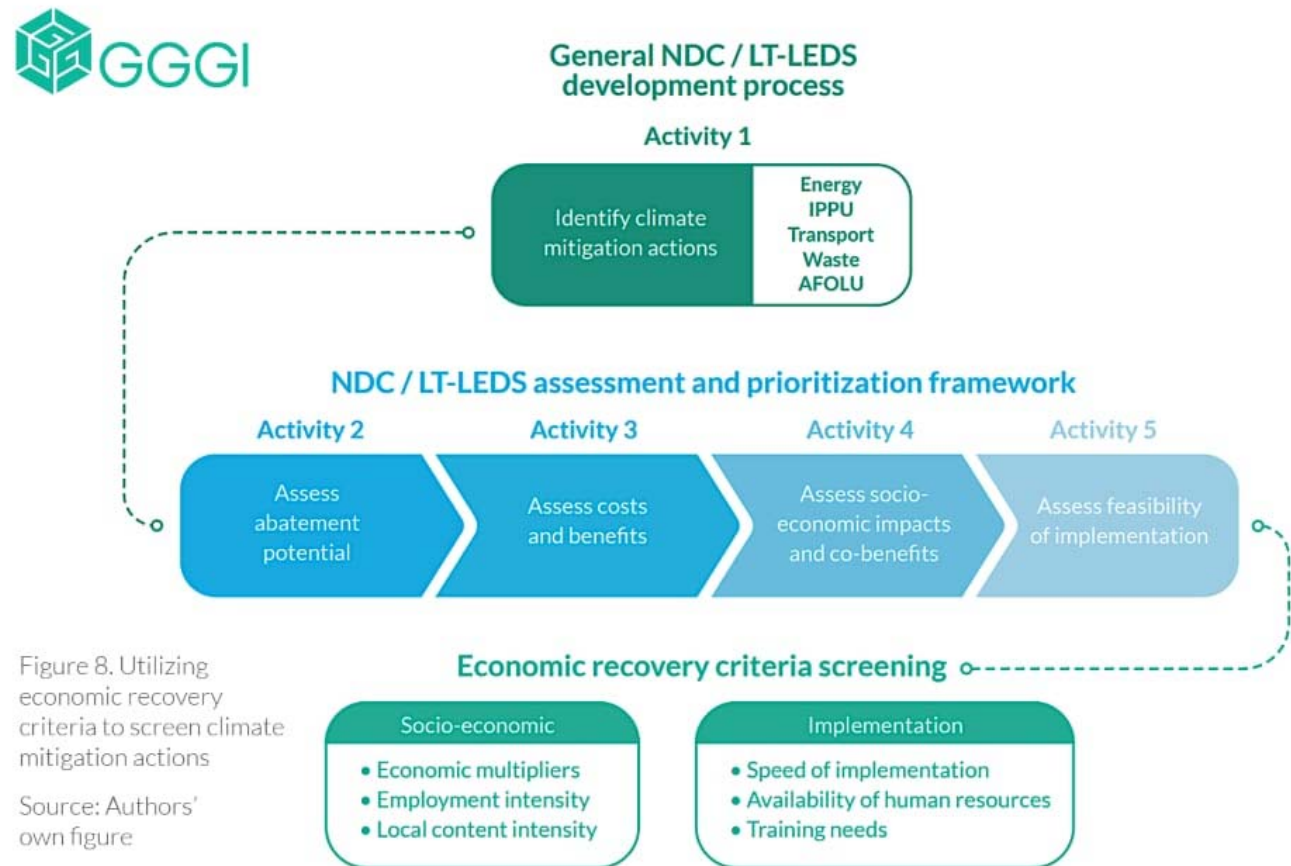
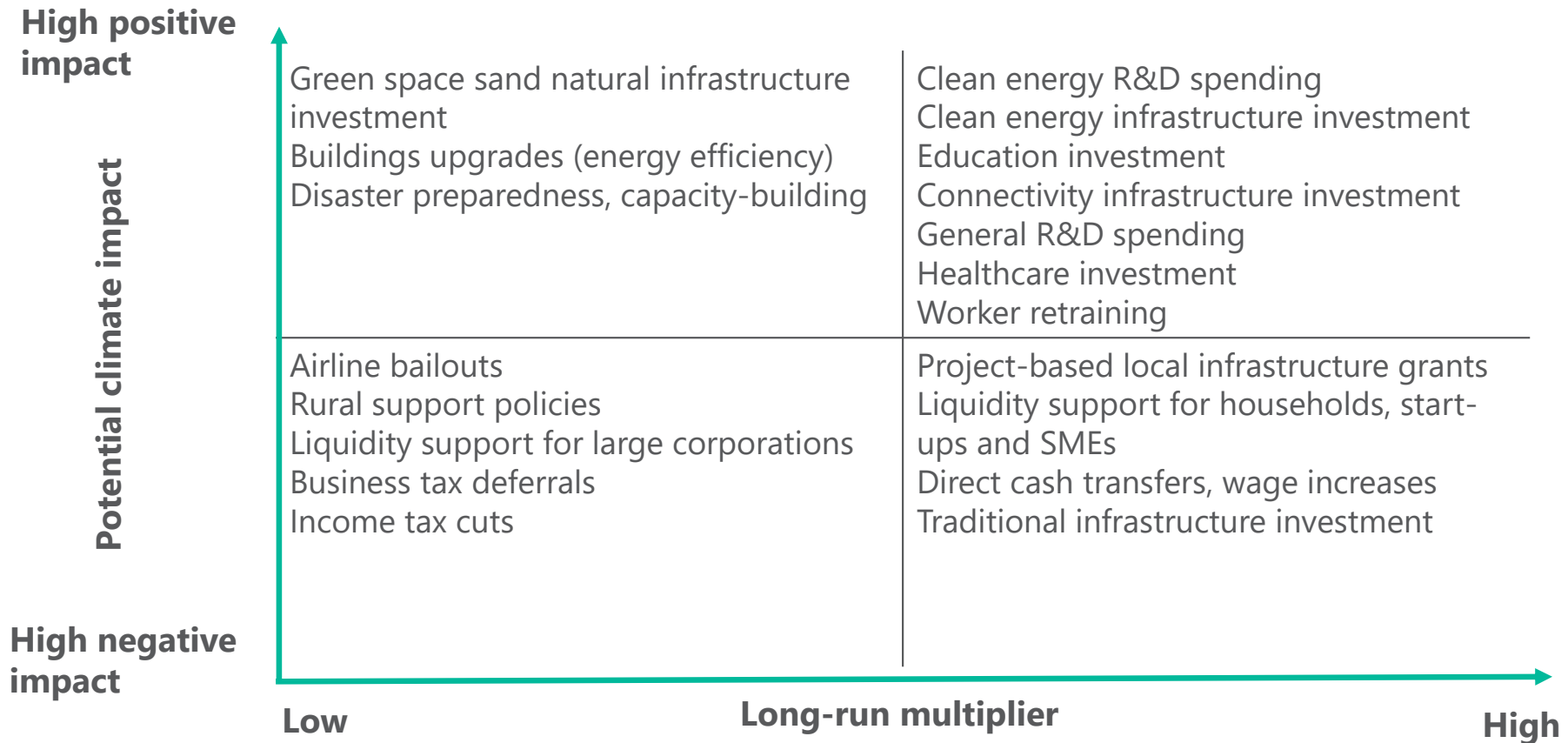


Figure 8. Utilizing economic recovery criteria to screen climate mitigation actions

Source: Authors' own figure

Source: GGGI (2020). Achieving Green Growth Post-COVID-19, Global Green Growth Institute, Seoul.

Alignment climate action with economic recovery plan



Source: Global survey of policymakers in Hepburn, C., O’Callaghan, B., Stern, N., Stiglitz, J., and Zenghelis, D. (2020), ‘Will COVID-19 fiscal recovery packages accelerate or retard progress on climate change?’, Smith School Working Paper 20-02.

3. Opportunities for a green COVID-19 response



✓ **There are more jobs in the green economy than in brown economy projects**

- **Per USD invested, there are 2-5 times more jobs in renewable energy and energy efficiency than brown jobs in fossil fuel projects**

GGGI Technical Report 12 | June, 2020

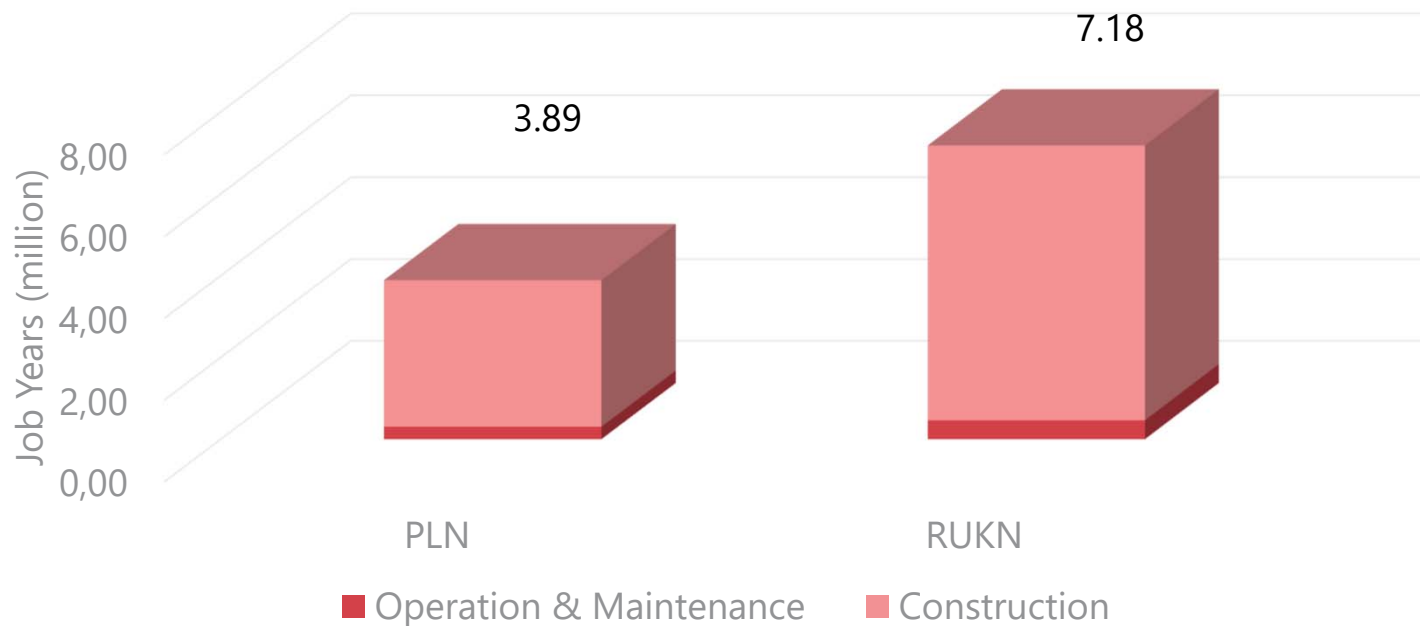
<https://gggi.org/site/assets/uploads/2020/07/GGGI-Technical-Report-Achieving-Green-Growth-and-Climate-Action-Post-COVID-19.pdf>



Investment in renewable energy will create jobs in Indonesia



- Under the RUKN scenario, the additional renewable energy capacity will result in the creation of over 7 million jobs by 2030 compared to 3.9 million under BAU scenario
- The majority of jobs will be created by investment in capital expenditures, which occurs mostly in the construction phase.



Source: GGGI (2020). Employment Assessment of Renewable Energy: Power sector pathways compatible with NDCs and National Energy Plans, Global Green Growth Institute, Seoul. <https://gggi.org/employment-assessment-of-renewable-energy-power-sector-pathways-compatible-with-ndcs-and-national-energy-plans/>

Opportunities for a green COVID-19 response



✓ **Green job-focused socio-economic development can contribute to nature-based solutions to mitigate and adapt to climate change**

- **Peatland and mangrove restoration and revitalization**
- **Reforestation and afforestation**
- **Watershed management**
- **Social forestry**



Opportunities for a green COVID-19 response



✓ Supporting micro, small, medium-sized enterprises

- To retain and create green jobs
- To stimulate innovation, such as in waste management activities, climate-smart agricultural practices.
- Made available for smallholders to create rural jobs.
- GGGI's program:
 - A global program on Greenpreneurship
 - Technopreneurs program, a collaboration between GGGI, GCF and the Korean Development Bank



4. Recommendations for a green COVID-19 recovery

depending on the national context



Fast-track ongoing climate action and green growth policies:

- ✓ Accelerate planned climate action in NDCs/green growth policies with green jobs potential
- ✓ Assess employment co-benefits in all planned climate action

Green investments are better than brown:

- ✓ Renewable energy, solar-powered irrigation, e-mobility
- ✓ Renovation of buildings for energy efficiency, e.g. upgrade health facilities with clean energy
- ✓ Job-focused social assistance programs focused on green growth and nature-based solutions

Combine enabling green growth policies with investments:

- ✓ Replace fossil fuel subsidies with renewable energy subsidies
- ✓ Remove rooftop solar caps and adopt net-metering schemes
- ✓ Peatland restoration and reforestation policies
- ✓ Stimulate green innovation
- ✓ Green public procurement rules for everything from recycled paper to electric cars

Thank You



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