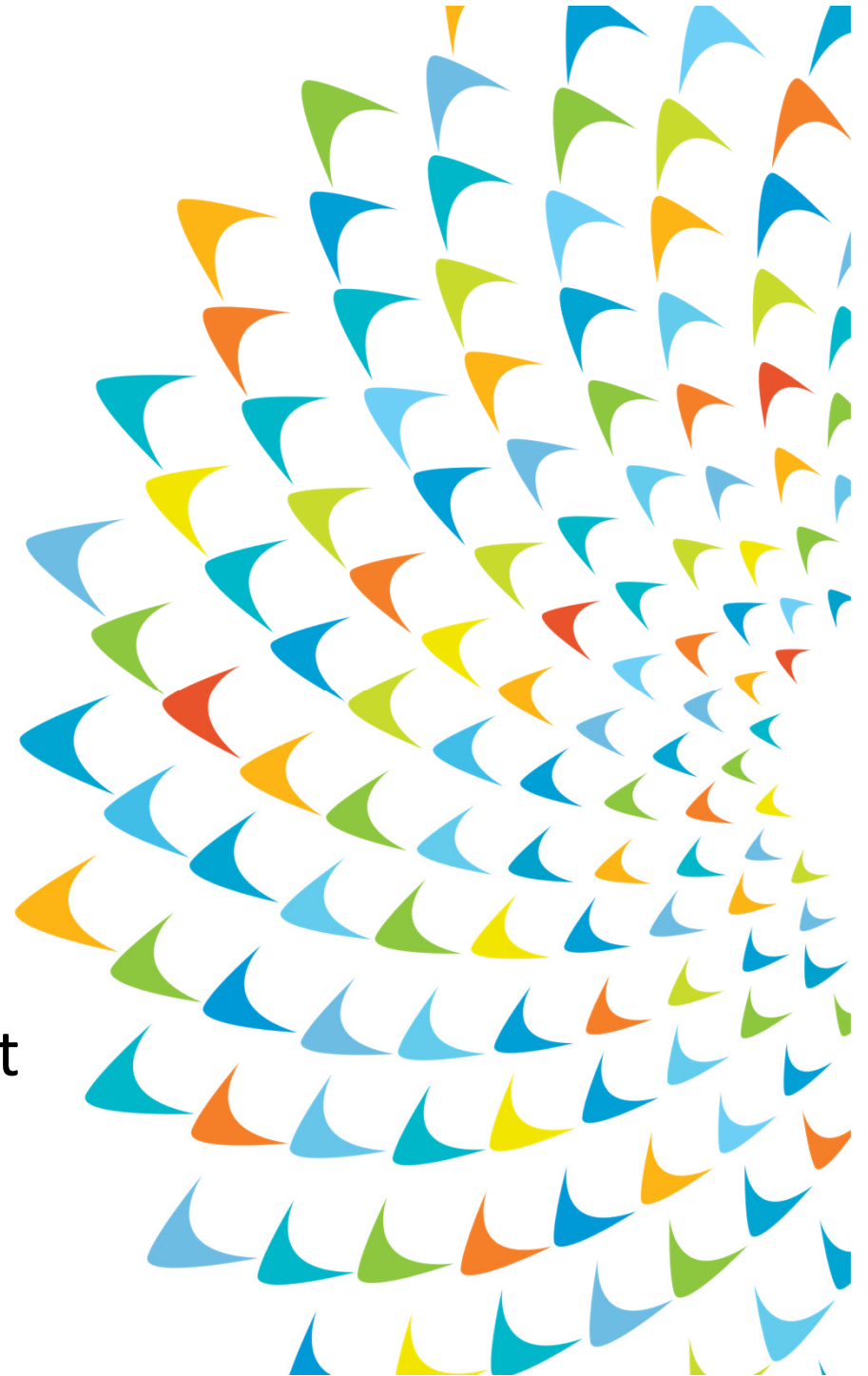


ADB

Priorities and Approaches for a Green and Resilient Economy

Nathan Rive
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World Environment Day 2021
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Pakistan underperforms on energy, environment, and climate resilience

Third-lowest in Asia for energy security, access, and sustainability

Third highest globally for annual deaths from air pollution

Third-lowest in Asia for climate resilience

ASIA 2019 ENERGY TRILEMMA INDEX RANKING

New Zealand (10)	Azerbaijan (57)	Myanmar (104)
Australia (28)	Thailand (68)	Cambodia (105)
Japan (31)	Indonesia (69)	Mongolia (108)
Hong Kong (34)	China (72)	India (109)
Korea (Rep.) (37)	Sri Lanka (85)	Pakistan (110)
Singapore (43)	Vietnam (91)	Bangladesh (114)
Malaysia (51)	Philippines (94)	Nepal (117)
Brunei (56)	Tajikistan (99)	

Top 10 countries No. of deaths (2017)

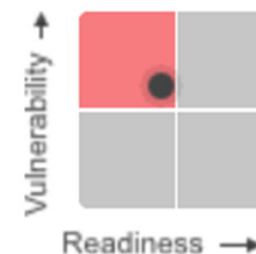
1. PRC (1.2 million)
2. India (1.2 million)
- 3. Pakistan (128,000)**
4. Indonesia (124,000)
5. Bangladesh (123,000)
6. Nigeria (114,000)
7. US (108,000)
8. Russia (99,000)
9. Brazil (66,000)
10. Philippines (64,000)

ND-GAIN Country Index

rank

152

Score: 37.5

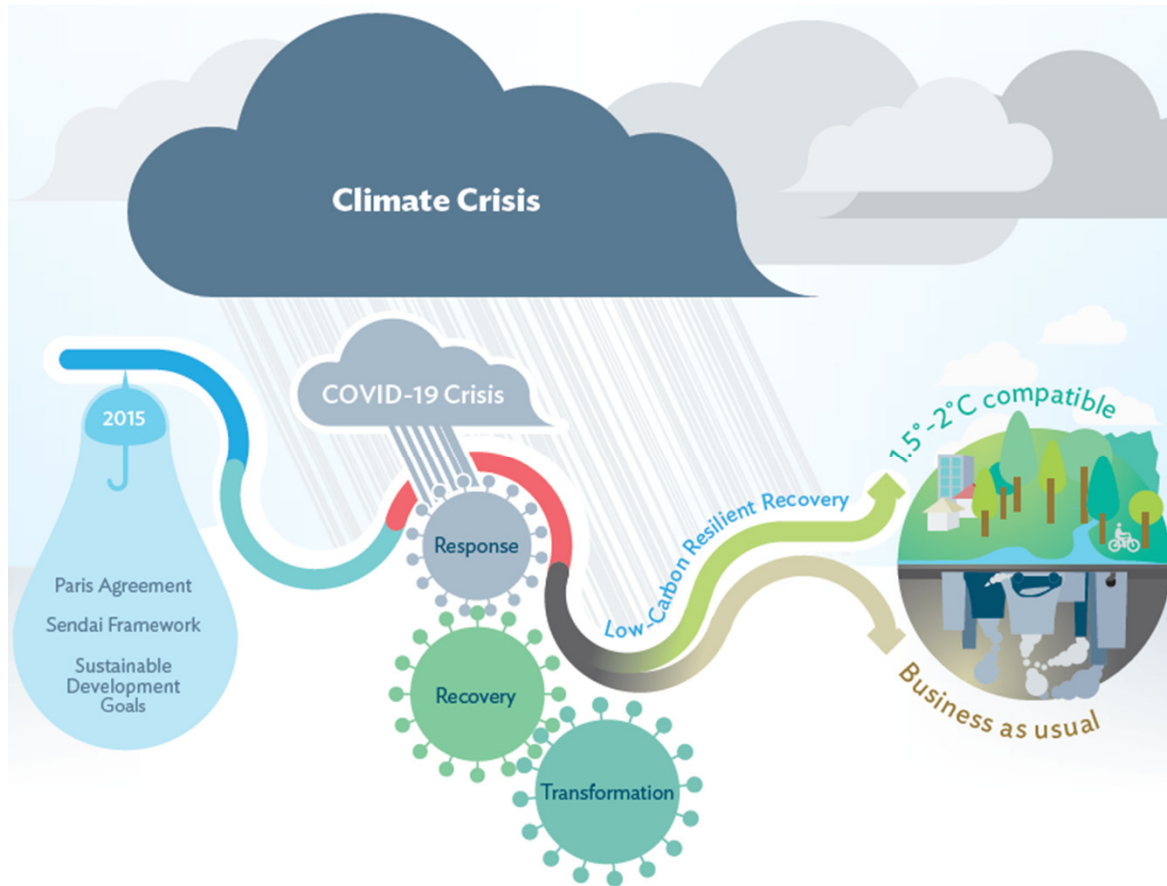


Vulnerability 0.533

Readiness 0.284



We must emerge from the COVID-19 crisis with greener and more resilient economies



Look for:

- Quick implementation
- High employment intensity
- High economic multiplier
- Skills development
- Green and resilience impact

Examples:

- Labor market programs
- Protecting natural assets
- Energy efficiency or low carbon energy schemes
- Climate-smart agriculture
- Health and disaster resilience training



Green finance is necessary but not sufficient – need strong implementation

Broad array of financial sources to support domestic budgets...

- Development partners
- Green Climate Fund
- National Disaster Risk Management Fund
- Green bonds

...but key bottlenecks remain

- Lack of updated policy and action plans
- Weak project development and implementation
- Lack of supporting legal framework
- Lack of awareness
- Risk aversion



Advanced technologies are accessible and viable in Pakistan today



200 hybrid vehicles in Karachi will be fuelled by bio-methane



ADB support is embedding green recovery principles and innovation

ADB-Pakistan Country Partnership Strategy (2021-2025) stresses climate..

- Reducing electricity cost and mitigating climate change
- Building climate and disaster resilience
- Strengthening rural value chain infrastructure

.. through proposed green and resilient projects across all sectors

- Energy Sector Reforms and Financial Stability Program
- Sindh Coastal Resilience Project
- Urban development projects
- Integrated Social Protection Development Program

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