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A green recovery for Africa's resilience

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POST COVID-19 GREEN RECOVERY FOR AFRICAN RESILIENCE

PRESENTATION SUMMARY

1. COVID19 and Climate Change are major factors in Africa's vulnerability, and the responses to both need to be integrated into Agenda 2030 and Agenda 2063
2. African countries have limited capacity to respond, but how they channel their stimulus will shape the quality of the recovery.
3. By prioritizing a Green economy/Blue Economy pathway, resilient energy and infrastructure, climate smart food production, and nature based solutions, Africa can respond quickly and build long term resilience
4. Conclusions and policy recommendations



Impacts of Climate Change on GDP

Long-Run Impacts of Climate Change on the Africa's DP (%Change/Year) (4 Scenarios)

	GDP (% Change/Year)			
Sub-regions*	1 °C	2 °C	3 °C	4 °C
Northern (n = 7)	-0.76 ± 0.16	-1.63 ± 0.36	-2.72 ± 0.61	-4.11 ± 0.97
Western (n = 15)	-4.46 ± 0.63	-9.79 ± 1.35	-15.62 ± 2.08	-22.09 ± 2.78
Central (n = 9)	-1.17 ± 0.45	-2.82 ± 1.10	-5.53 ± 1.56	-9.13 ± 2.16
Eastern (n = 14)	-2.01 ± 0.20	-4.51 ± 0.34	-7.55 ± 0.63	-11.16 ± 0.85
Southern (n = 10)	-1.18 ± 0.64	-2.68 ± 1.54	-4.40 ± 2.56	-6.49 ± 3.75
Africa (n = 55)	-2.25 ± 1.52	-5.01 ± 3.30	-8.28 ± 5.12	-12.12 ± 7.04

GREEN INDUSTRIALISATION IN AFRICA

- Put in place macroeconomic policies and incentives to drive green industrialisation;
- Leverage limited public resources to attract transformative private sector investments;
- Build inclusion in the green industrialisation agenda;
- Build platforms for shared learning for systemic greening;
- Develop innovative financial instruments to mobilise resources for green industrialisation;
- Play a more decisive role in global governance negotiations on trade & climate change.



ENERGY IS THE CORNERSTONE OF A GREEN RECOVERY

Abundant renewable energy resources:

- 20,000 MW of geothermal
- 350,000 MW of hydropower
- 110,000 MW of wind
- Abundant solar irradiation of over 5 kilowatt-hours per square metre in most places

Limited and weak transmission and distribution; Low cross-border trade in electricity

Low access:

- About 590 million people without access to electricity
- About same number in 2030 unless urgent action taken now

Low installed capacity:

~ 230,000 MW cf:

- 2,000,000 MW for China
- 360,000 MW for India

~ Excluding South Africa and North African countries, the rest of Africa has approximate installed capacity as South Africa ~ the amount of solar PV capacity China added in 2017 alone



LOW CARBON AGRICULTURE AND FOOD PRODUCTION

KEY POLICY FRAMEWORKS

- **Crop Diversification**, implemented in a variety of forms and scales, allowing farmers to choose a strategy that both increases resilience and provides economic benefits;
- **Adopting renewable energy sources**, managing agricultural waste and reducing emissions from livestock as countries recover from the pandemic effects on agriculture & other disasters;
- **Reducing emissions in farm practices**, modernising low impact fertiliser use and adoption of carbon pricing mechanisms;
- **Inclusive Market Access**, Transparency and certainty of access, and traceability across the value chain, are key to leverage developmental opportunity of AfCFTA;
- **Climate Smart Agriculture**, Improving food security and income and building resilience.



CONCLUSIONS AND RECOMMENDATIONS

Short to medium term measures (investments):

- Invest in Africa's health capacity as a resilience factor (target of 10% of national budgets).
- Invest in energy and associated resilient infrastructure- allows interconnected enablers for SDGs to be put in place

Allocation of stimulus:

- Linked to SDG indicators
- Timely disbursement of stimulus to ensure protection and maximise impact
- Prioritise concessional financing for stimulus
- Strengthen governance frameworks for disbursements

- Empower youth and women to address climate change & its impacts;
- Ensure Finance & Technology access & Transfer

CONCLUSIONS AND RECOMMENDATIONS

Other priority enablers linked to implementation of AfCFTA:

- Expedite implementation of AfCFTA
- Invest in Digital Technologies
- Climate Smart Agriculture and food production and distribution networks
- Strengthen Resilient infrastructure backbone



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Thank You!