

31 March 2021

# Resource Governance in the 4IR and Digital Economy



**Alex Benkenstein**

**South African Institute of International Affairs**

*African perspectives. Global insights.*

## Theme: Natural Resources

Biodiversity | Blue Economy | Energy | Extractives | Wildlife Governance

This theme explores ways of strengthening the governance of natural resources to ensure inclusive, sustainable and equitable development in Africa. Our research covers mining and development; energy and the green economy; ecosystems governance; oceans economy; and forestry.



Youth Climate Advocacy



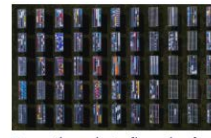
Strengthening Youth Participation In Climate-Related Policymaking



SADC Futures of e-Mobility: EVs as Enablers of a New Energy Paradigm



AU-EU partnership to promote sustainable energy transitions



Promoting private financing for sustainable energy in Africa: The role of the Africa energy guarantee facility



Can Africa's contested energy futures create opportunities for enhancing African-European relations?



SADC e-Mobility Outlook: A Zimbabwean Case Study



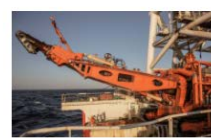
SADC e-Mobility Outlook: Accelerating Low Carbon Transport Futures



SADC e-Mobility Scenarios: Pathways beyond the ICE Age



4IR and water-smart agriculture in Southern Africa: A watch list of key technological advances



Local procurement regulations for extractive industries in the SADC region



The law of the sea and landlocked states

## Ecosystem services





# Decoupling – myth or reality?

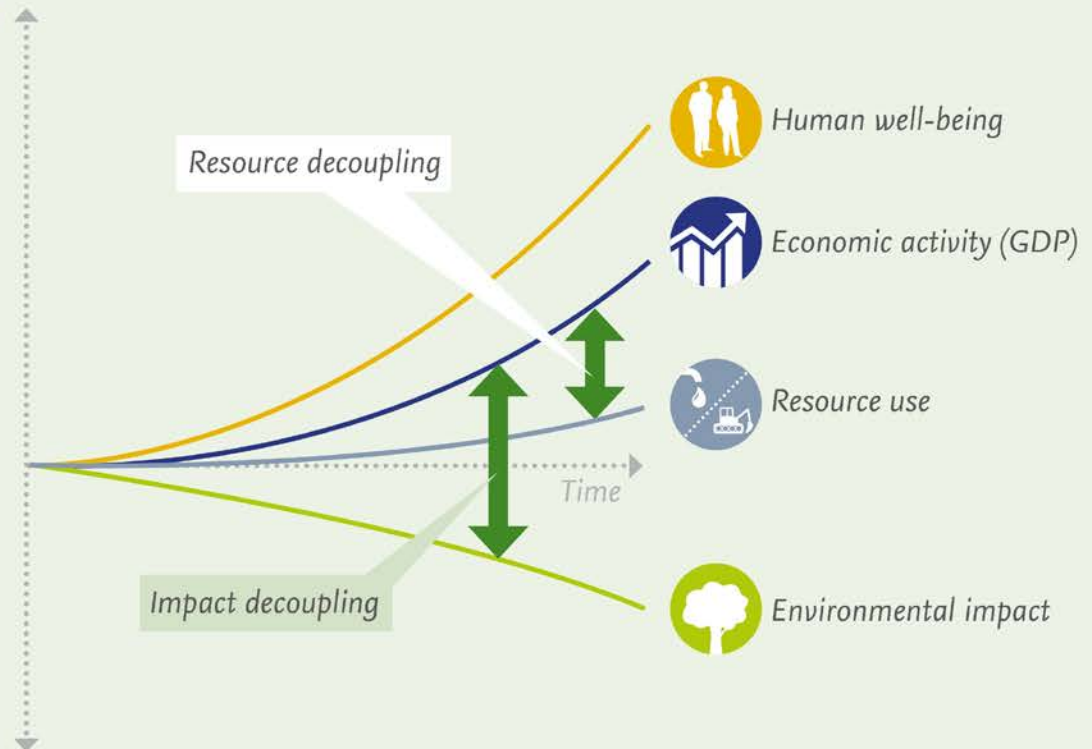
**How can we protect the environment, reduce poverty and maintain economic growth?**

By **Decoupling**: breaking the link between resource use and economic growth



Using less land, water, energy and materials to maintain economic growth is: **Resource decoupling**

Using resources wisely over their lifetime to reduce environmental impact is: **Impact decoupling**



Policy Briefings | Natural Resources, Technology

## The Case for Supporting Small-Scale Fisheries Governance Through ICT



Policy Insights | Natural Resources, Technology

## 4IR and water-smart agriculture in Southern Africa: A watch list of key technological advances



Policy Insights | Extractives

## Blockchain in the Mining Industry: Implications for sustainable development in Africa



Policy Briefings | Extractives

## Mining for a circular economy in the age of the 4IR: The case of South Africa



Thank you

[www.saiia.org.za/thematic-area/natural-resources/](http://www.saiia.org.za/thematic-area/natural-resources/)

[www.saiia.org.za](http://www.saiia.org.za)

[ALEX.BENKENSTEIN@SAIIA.ORG.ZA](mailto:ALEX.BENKENSTEIN@SAIIA.ORG.ZA)