

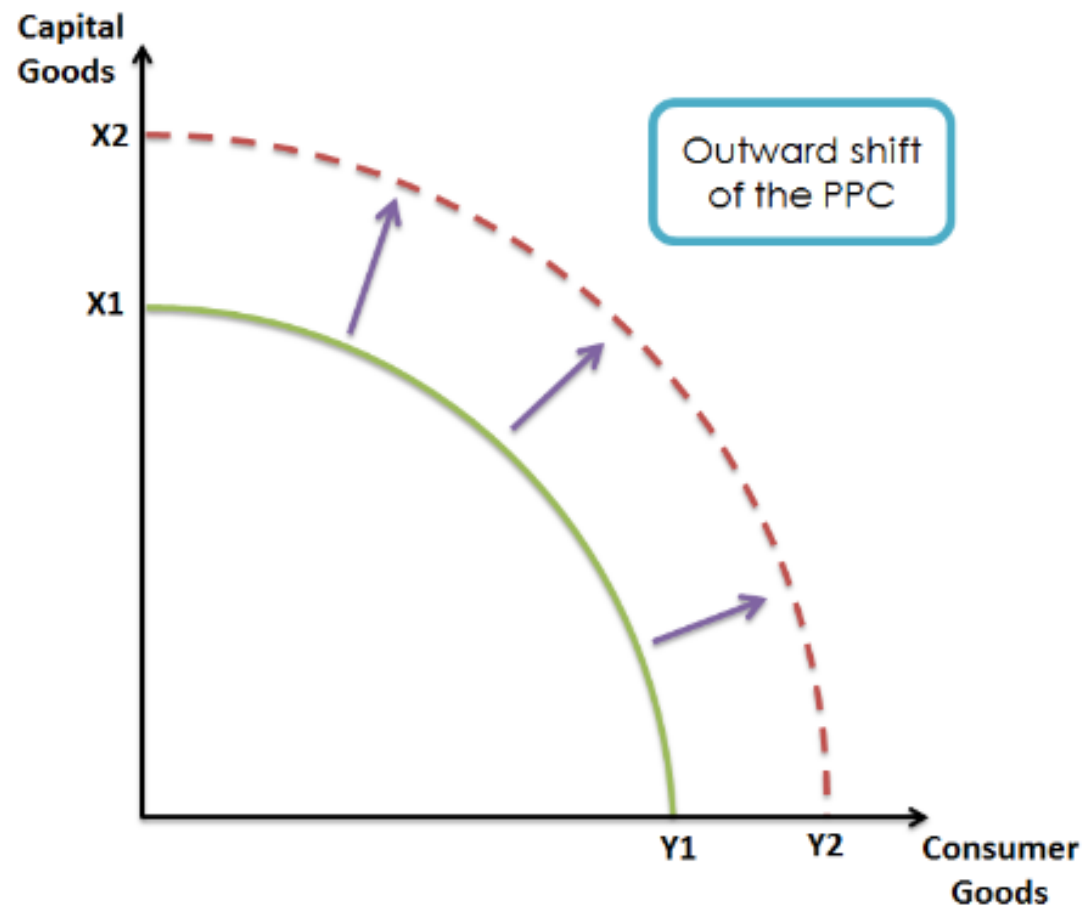
# OPPORTUNITIES TO ENGINEER THE GREEN ECONOMY



14 August 2018  
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Photo Credit: <http://greengrowthleaders.org/>

# ECONOMIC GROWTH





## SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD



**Economic Growth  $\neq$  Economic Development**

## 6 FACTORS THAT CAN INCREASE ECONOMIC GROWTH

- Natural Resources
- Infrastructure and Physical Capital
- Population and Labour
- Human Capital - Skills Base
- Technology
- Law & Policy Frameworks

## 5 WAYS TO GET SOUTH AFRICA'S ECONOMY GROWING

- Accelerated growth and employment at the top of Government's policy agenda
- One credible new strategy for inclusive growth
- SA needs jobs for the labour force we have, not the labour force we would like to have
- SA cannot be pro-growth and anti-business
- Everyone needs a strategy in a crisis

Reference: The Money Show's Bruce Whitfield interviewed Ann Bernstein, Executive Director at the Centre for Enterprise and Development.

# GREEN ECONOMY



<https://www.youtube.com/watch?v=uRUXQ44JvBc>

## COP21 MAJOR OUTCOMES

5 Key Elements of the Paris Agreement

Every 5 years countries  
**STRENGTHEN CLIMATE ACTIONS**

**ADAPTATION**  
is a central pillar to help world's most vulnerable

**LONG-TERM GOAL**  
to achieve net zero emissions

**ENHANCED TRANSPARENCY**  
to ensure commitments are met

**CLIMATE FINANCE**  
to support developing countries

10,000 New Climate Initiatives

**187**  
COUNTRIES  
shared national climate action plans

**127+**  
MILLION HECTARES  
of degraded land in Africa and Latin America to be restored

**400+**  
CITIES TO SET TARGETS that could cut urban emissions in half

**\$1T**  
IN SOLAR INVESTMENTS to be mobilized by new global alliance

**114+**  
COMPANIES will use Science Based Targets to set emissions-cutting goals

**20**  
COUNTRIES to double clean energy R&D

These substantial climate actions will transform the world and drive us toward a safer, climate-resilient future.

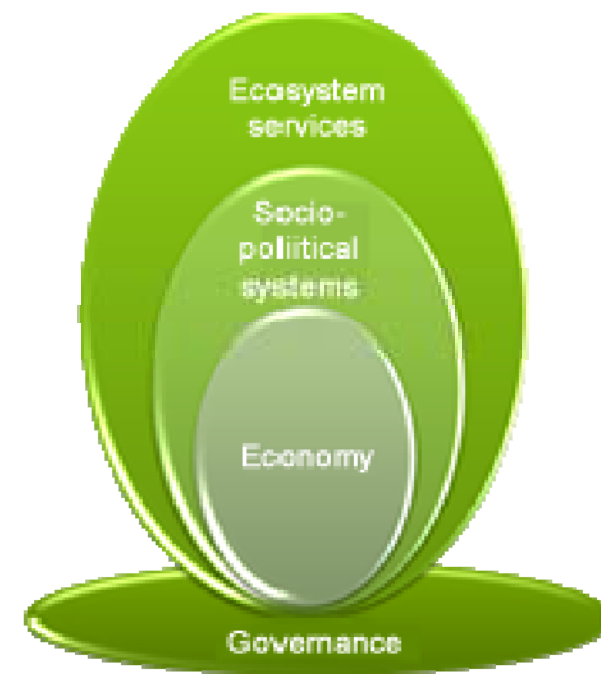
WRI.ORG/PARIS



## SOUTH AFRICA & THE GREEN ECONOMY

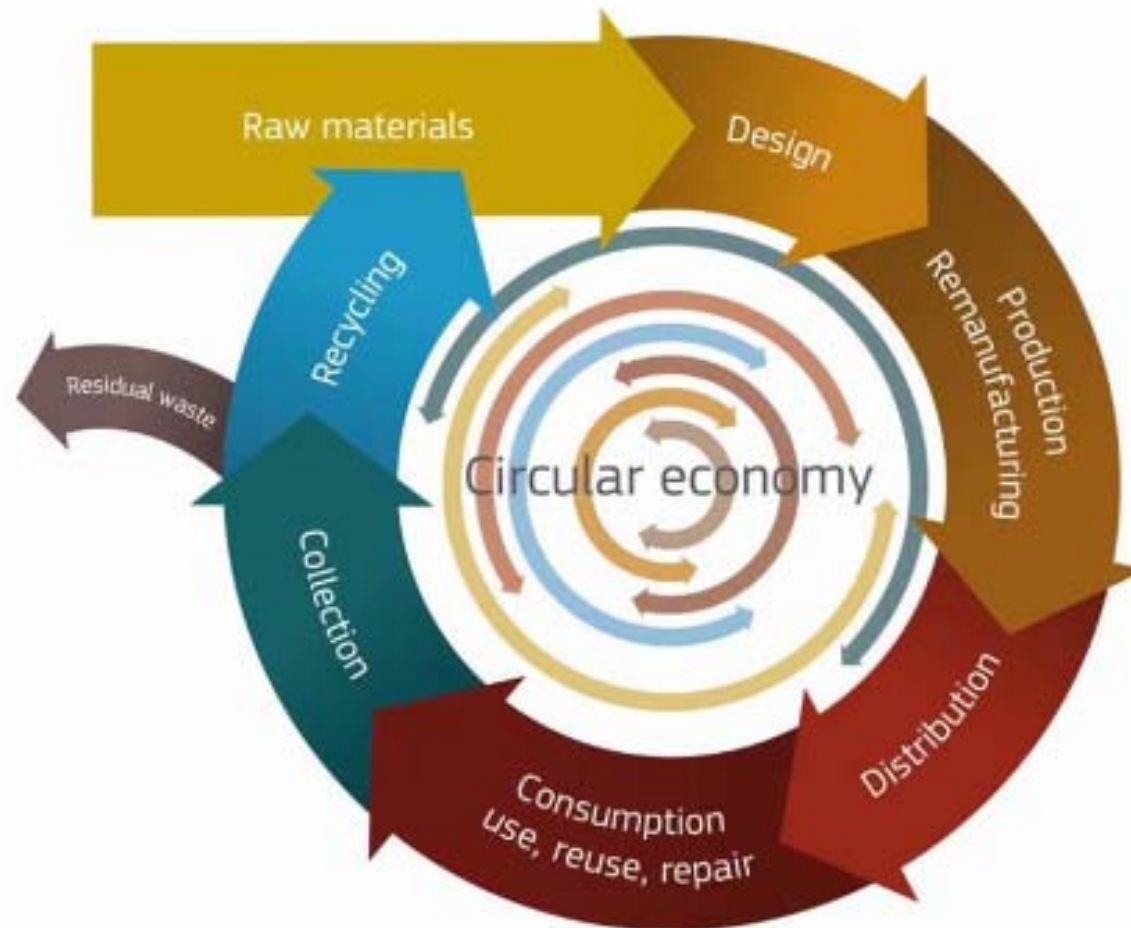
### National Framework for Sustainable Development (2008)

*“South Africa aspires to be a sustainable, economically prosperous and self-reliant nation state that safeguards its democracy by meeting the fundamental human needs of its people, by managing its limited ecological resources responsibly for current and future generations, and by advancing efficient and effective integrated planning and governance through national, regional and global collaboration”.*





# THE CIRCULAR ECONOMY



[https://www.youtube.com/watch?v=Cd\\_isKtGaf8](https://www.youtube.com/watch?v=Cd_isKtGaf8)

## CIRCULAR ECONOMY APPLICABILITY - RECAP



## CASE STUDY: KARNATAKA, INDIA – RENEWABLE ENERGY



*Renewable Energy: 12.3GW vs  
Thermal (Coal) Generated Energy: 9.8GW*

# HOW WILL WE TAKE THIS FORWARD?



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