



Channing Arndt | 30 November 2017, Pretoria

Southern Africa – Towards Inclusive Economic Growth (SA-TIED)

Work stream 5:
CLIMATE

CLIMATE

- Climate change
- Infrastructure
- Migration
- Agriculture
- Trade
- Energy

Focus on climate change and energy as potential drivers of change

Climate change

- Build upon
 - Development Under Climate Change
 - South Africa climate assessment
- Comprehensive bottom up approach
- Take a regional perspective

Infrastructure

- Derived from work in the other areas
 - Climate change
 - Water related infrastructure
 - Roads
 - Desalinization
 - Agriculture
 - Complementary investments
 - Energy
 - Power plan

Migration

- Build on work by Nzinga Broussard (EDCC 2017).
- Potential collaboration with the Defence Decision Support Institute (DDSI) of Armscor.
- Focus regional flows of people.
- Consider in an economywide context.

Agriculture

- Land reform in South Africa
- Collaborative effort with
 - DRDLR
 - HSRC
 - Michael Lipton
 - DPME
 - UNDP

Trade

- Derived from work in the other areas
 - Electricity trade
 - Agriculture
 - Climate change adaptation strategies

Energy

- Suite of energy planning models
 - Plexos (CSIR)
 - SATIM (ERC)
 - Linked SATIM/SAGE (ERC/NT)
- Electricity trade and systems integration
 - Spatial diversification
 - Hydropower

Modeling

- Measuring Rural-Urban Linkages in South Africa: Implications for Public Investment Priorities, Economic Growth and Structural Transformation
- Productivity
- Multipliers
- SAM Development

Capacity building

- Scholars Program
 - 14 identified
 - 13 attended an initial workshop in August
 - 12 presenting their research at the cocktail
 - Papers due in the first quarter of 2018