

# PRESENTATION ON NAMAs

South Africa

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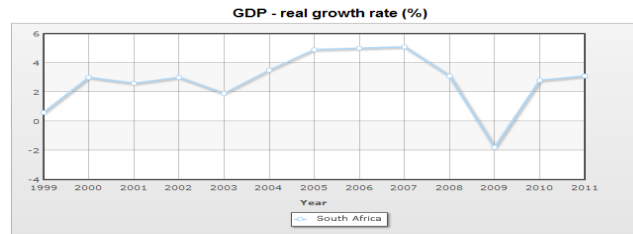
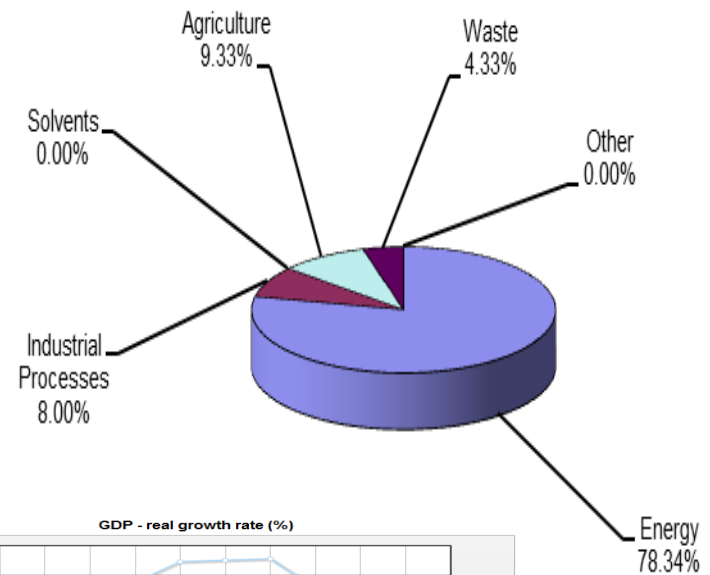
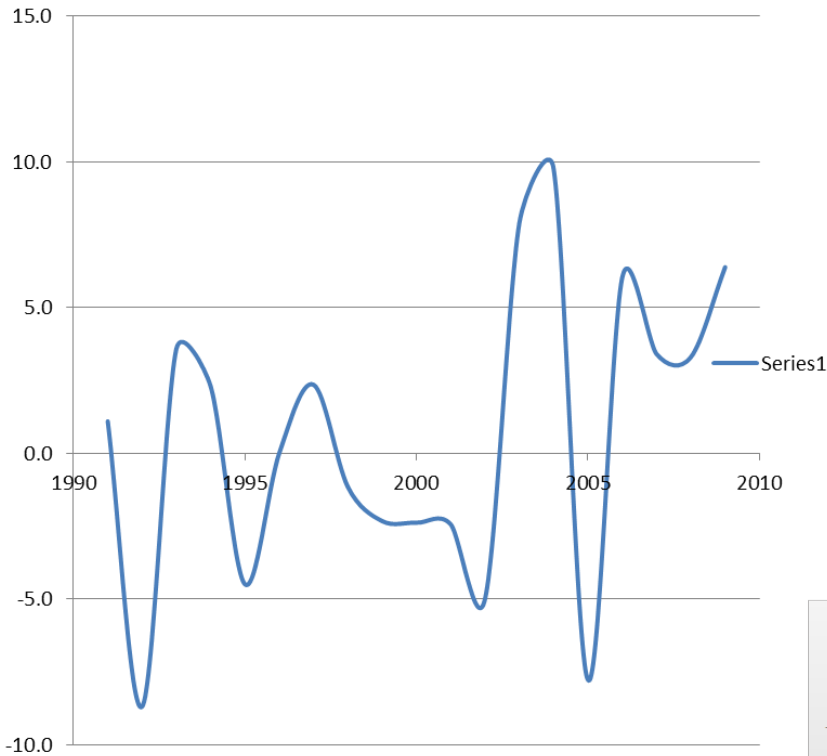
# Definitions

- Associated with mitigation;
- Targeted for support:
  - Financial,
  - capacity building,
  - technology transfer etc.
- Key considerations
  - sustainable development
  - poverty eradication
  - MRV of support

# Primary energy supply trend and GHG breakdown by sector

Sa's primary energy supply % growth trend

GHG emissions by sector (without LULUCF)



Country	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
South Africa	0.6	3	2.6	3	1.9	3.5	4.9	5	5.1	3.1	-1.8	2.8	3.1

# Policy Imperatives

- Long Term Mitigation Scenarios (LTMS) in 2007, participatory process, methodology used in MAPS
- National Climate Change Response White Paper, concluded in 2011, objective;
  - Effectively manage inevitable climate change impacts through interventions that build and sustain South Africa's social, economic and environmental resilience and emergency response capacity.
  - Make a fair contribution to the global effort to stabilize GHG concentrations in the atmosphere at a level that avoids dangerous anthropogenic interference with the climate system within a timeframe that enables economic, social and environmental development to proceed in a sustainable manner.
- Parallel policy instruments e.g. REFIT, Carbon Tax, Green Fund, National Development Plan, IPAP, Green Economy Strategy, etc

# Policy deliverables (i)

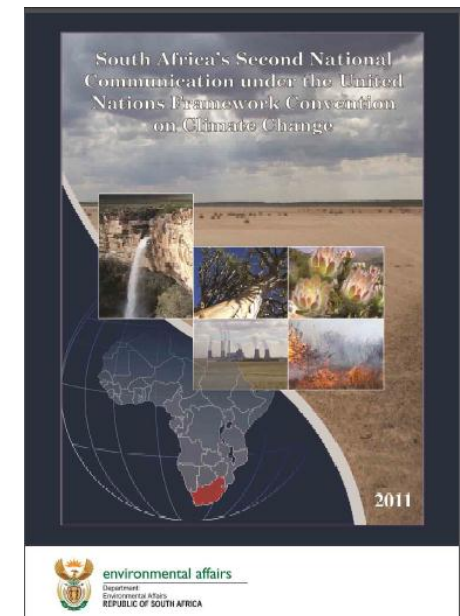
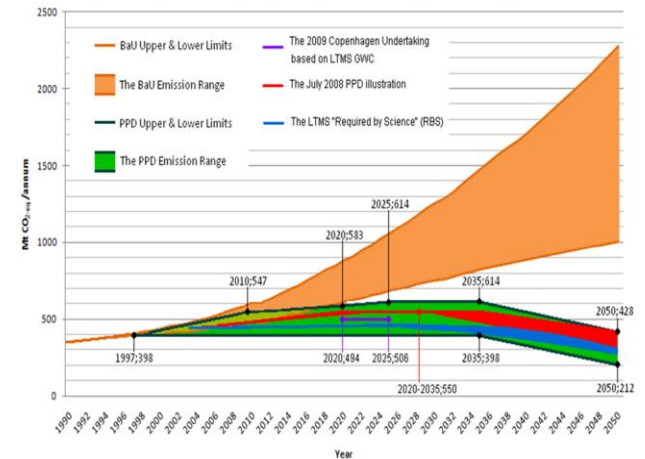
- **Mitigation:**

- Desired emission reduction outcomes will be defined
- Mix of measures to be drawn up to achieve the DEROs

- **Adaptation:**

- Climate risk analysis to be undertaken on all sectoral plans, Long Term Adaptation Scenarios
- Downscale climate information and impact assessments to specific geographical areas

The desired South African climate change mitigation outcome - the "Peak, Plateau and Decline" (PPD) greenhouse gas emission trajectory - comparison with other popularised conceptions of PPD



# Policy deliverables (ii)

- **Monitoring and evaluation:**
  - A draft climate change response monitoring and evaluation system will be designed and published
  - The emissions inventory will be a web-based GHG emission reporting system and will form part of the National Atmospheric Emission Inventory component of SAAQIS
- **Policy review:**
  - Review, by government departments and state-owned enterprises, of the policies, strategies, plans , to ensure full alignment with the National Climate Change Response

# Institutional arrangements

- Department of Environmental Affairs Focal Point: Climate Change and Air Quality Branch.
- Inter-governmental Committee on Climate Change (IGCCC), consultation platform for all sector departments
- Technical Working Groups (TWGs): Mitigation, Adaptation and M&E, support the implementation of the policy
- National Climate Change Committee (NCCC), consultation platform for non governmental players
- Government cluster system for assessment of policy initiatives for consideration by Cabinet (FOSAD)



# Policy flagships and potential NAMAs

**The National Climate Change White Paper points on “flagships” in the following key areas:**

- Water Conservation and Demand Management
- Renewable Energy
- Energy Efficiency and Energy Demand Management
- Transport Flagship Programme
- Waste Management
- Carbon Capture and Sequestration
- Adaptation Research Flagship Programme

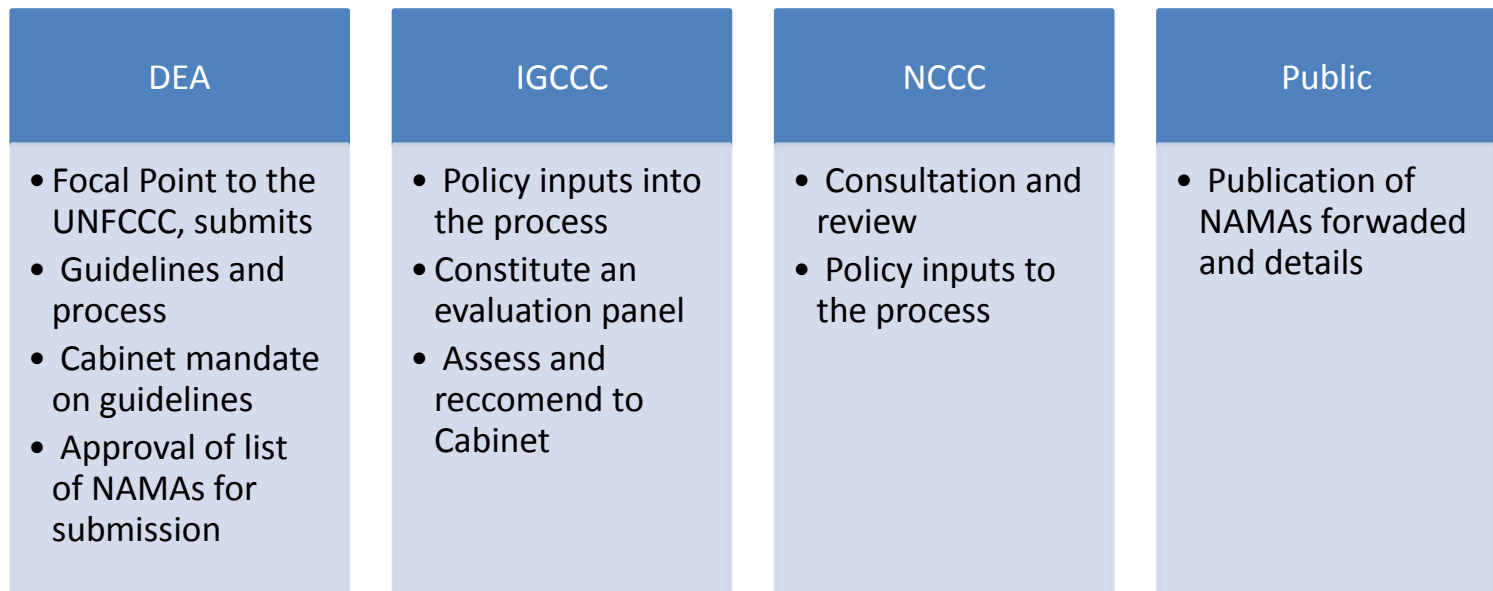
**Potential NAMAs flowing from LTMS**

- Rollout of electric private passenger vehicles in South Africa
- Incremental funding of 10 GW of Wind Power up to 2020
- Financing upgraded energy specifications of new low-income housing
- Incremental funding of 5GW of CSP up to 2020
- Carbon Capture and Storage (CCS)
- Renewable Feed-in Tariffs (REFIT)
- Demand Side Management (DSM)

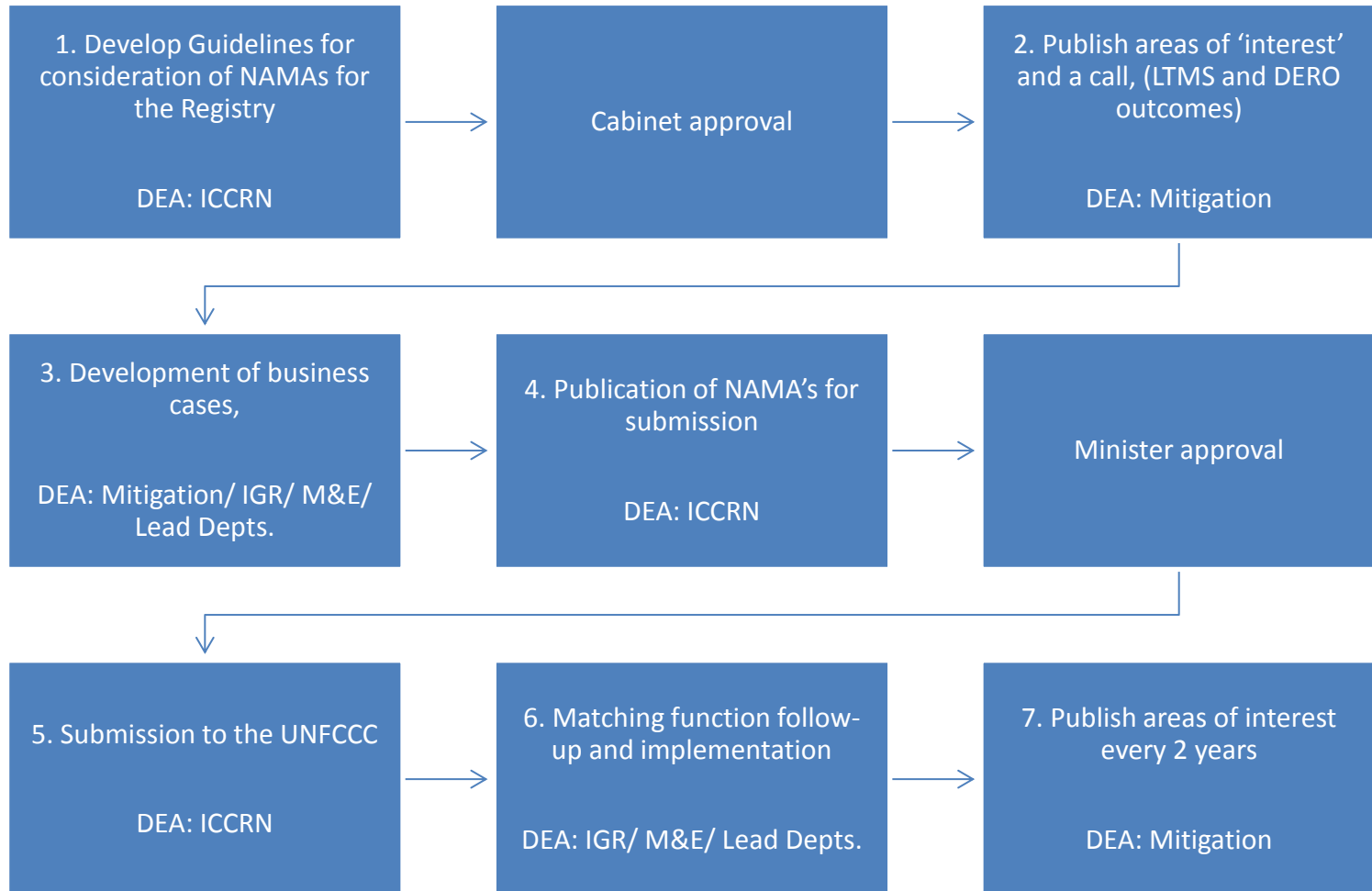
	Adaptation	Mitigation
<b>Flagships (FS)</b>	<ul style="list-style-type: none"> <li>Define and quantify adaptation outcomes</li> <li>Develop framework for implementing the water &amp; adaptation research FS</li> <li>Identify other adaptation FS</li> </ul>	<ul style="list-style-type: none"> <li>Prioritise energy, transport, waste</li> <li>Develop framework for implementation</li> <li>Analyse current emission reductions &amp; co-benefits, and scale up options</li> <li>Integrate reporting system</li> </ul>
<b>Plan</b>	<p>Longterm Adaptation Scenarios</p> <ul style="list-style-type: none"> <li>Impacts modelling</li> <li>Economic cost modelling</li> <li>Assessment of adaptation options</li> </ul>	<ul style="list-style-type: none"> <li>Assess mitigation potential</li> <li>Define DERO's</li> <li>Define mix of measures for achieving</li> <li>Develop sector plans</li> </ul>
<b>Implement</b>	<ul style="list-style-type: none"> <li>Support to provinces /local auth</li> <li>Co-ordinate cross-sectoral adaptation responses</li> <li>Leverage finance (Green Fund, Adaptation Fund)</li> </ul>	<ul style="list-style-type: none"> <li>Support to provinces / local auth</li> <li>Co-ordinate cross-sectoral mitigation responses</li> <li>Leverage finance (Green Fund, NAMA through UNFCCC registry)</li> </ul>
<b>Mainstream through sector policy review</b>	<ul style="list-style-type: none"> <li>Climate risk analysis on sector policies / plans; identify adaptation interventions for sector plans</li> <li>Mainstream adaptation responses in sector policies / plans</li> <li>Assess policy barriers to adaptation</li> </ul>	<ul style="list-style-type: none"> <li>Mainstream mitigation responses in sector plans</li> <li>Assess / address policy barriers</li> </ul>

# NAMA Registry - initial considerations (i)

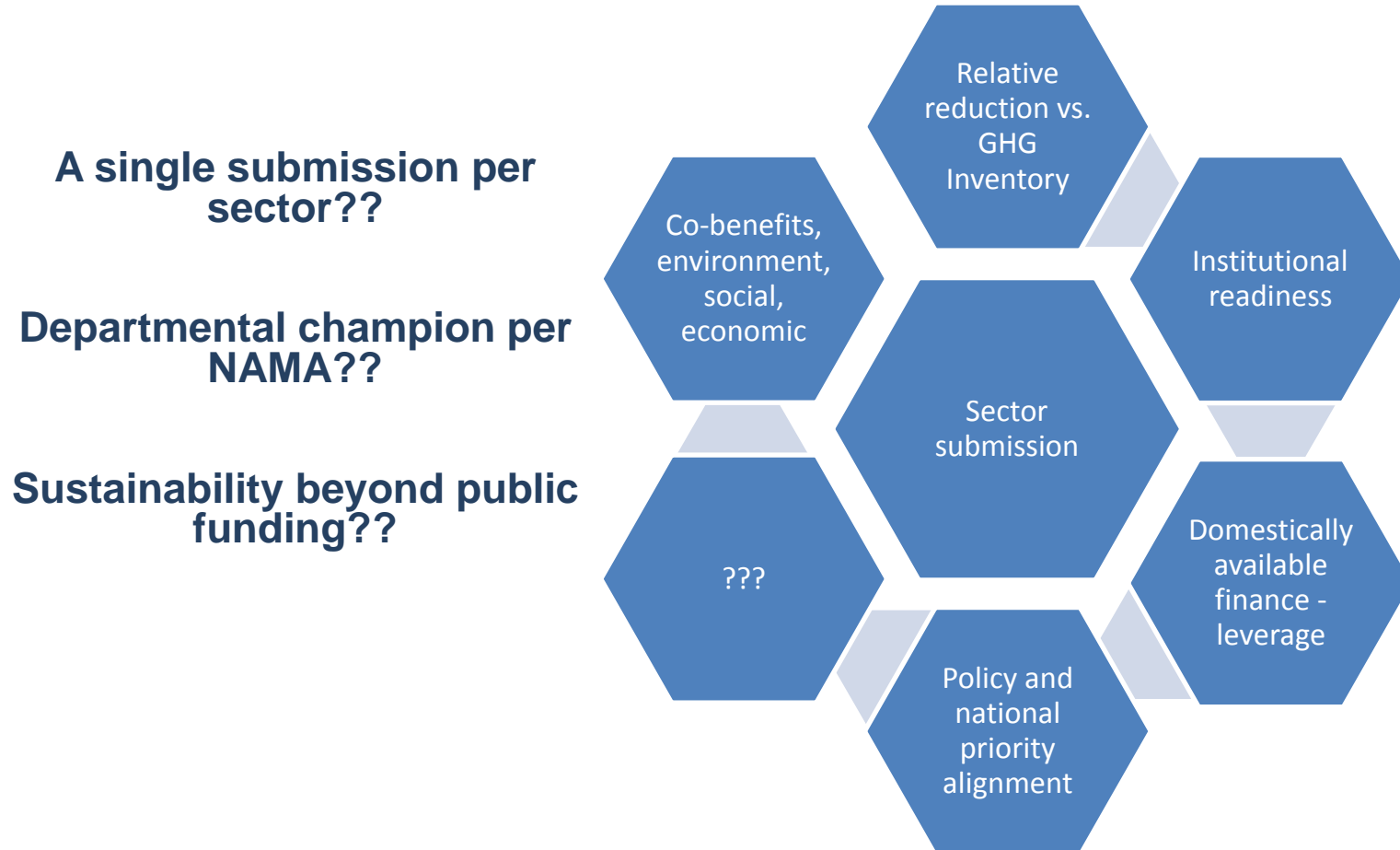
- The government of South Africa, noting the potential ‘influx’ of proposals for submission has launched a process to manage the submission process
- A two step process is envisaged where ‘no-regret options will be submitted, whilst guidelines are developed for the process going forward, submit before CoP 19



# NAMA Registry - initial considerations (ii)



# NAMA Registry - initial considerations (iii)



END

# Potential areas for NAMAs

- Rollout of electric private passenger vehicles in South Africa
- Financing upgraded energy specifications of new low-income housing
- Incremental funding of 10 GW of Wind Power up to 2020