

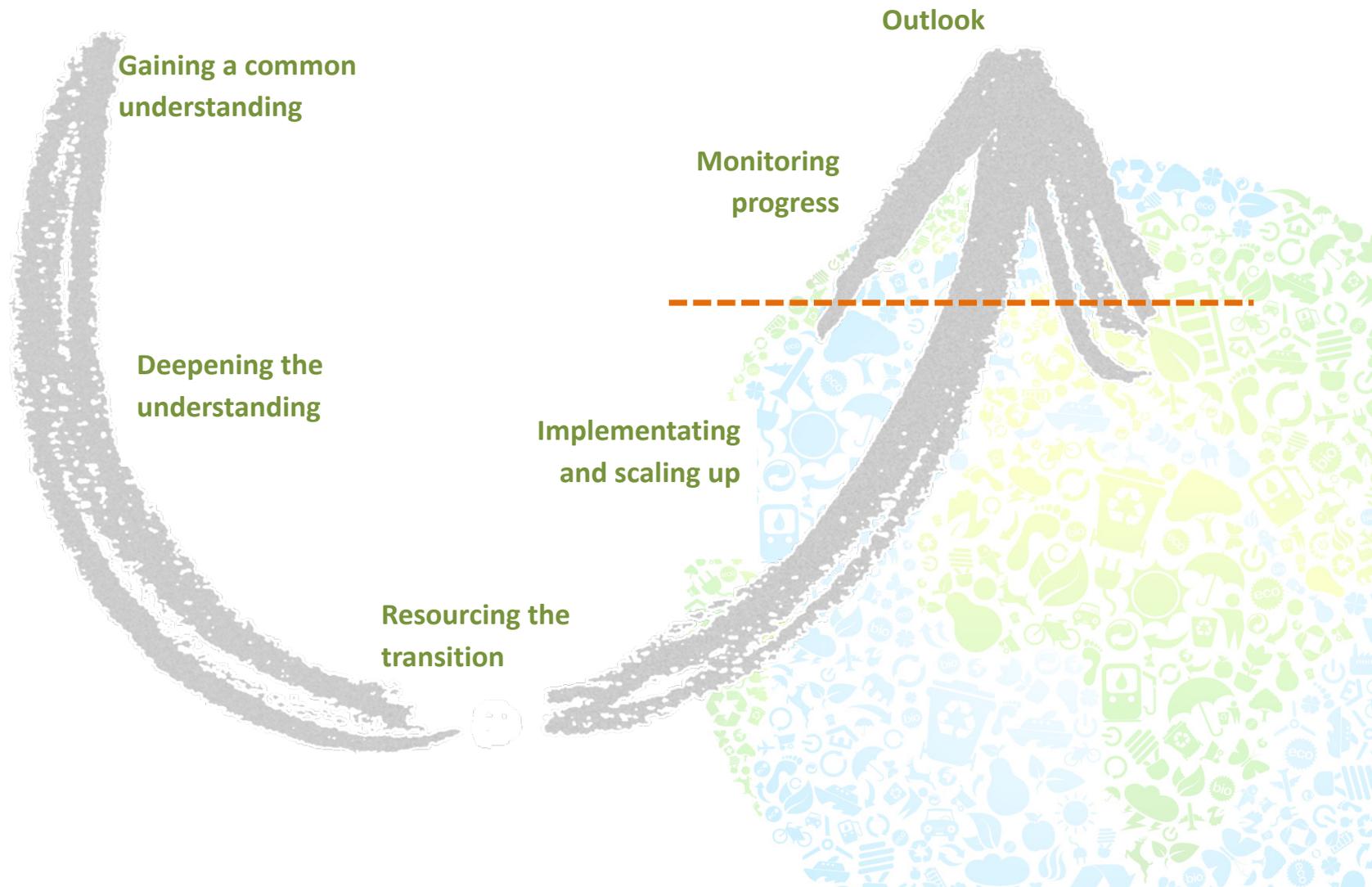
The National Climate Change Response Dialogue 10 – 13 Nov 2014

THE NATIONAL CLIMATE CHANGE RESPONSE POLICY





Climate change response dialogue 2014





Taking the dialogue seriously





Gaining a common understanding

🌍 IPCC 5th assessment reports

- **Working group I** – The science is real, length of dry spells in Southern Africa is increasing and likely to increase even more
- **Working group II** – Africa must invest in Adaptation. A 5-6 degree temp increase in Africa will reverse the development gains and poverty eradication efforts; Delaying mitigation will make adaptation more difficult
- **Working group III** -The global community has used 2/3 of its carbon budget; the question is how we can equitably divide the remainder.
- **Capacity building:** how to increase the number of African scientists in the IPCC



Gaining a common understanding

🌍 Session 1: A vision for 2030

- No conflict; drive the economy whilst moving forward on lower carbon and climate resilience; bold strategies are needed; can't lock ourselves into bureaucratic and silo thinking
- There is political will and buy in to take serious action in SA
- Policy certainty is key for investment decisions
- Transition decisions should be inclusive
- Get out of our corners and take action together

🌍 Overarching message

- Silo thinking **NO** alignment of policies **YES**
- Tough decisions must be made



Deepening the understanding

🌍 **Session 2** Possible transition scenarios

- No agreed framework to guide the transition; use language that people understand; importance of early warning and risk assessment in agric sector; water demand management to focus on “big users”

🌍 **Session 3** The journey to a climate resilient society:

- short term responses as important as long term responses; significant economic implications in medium to long term if don't invest in short term; community centric approaches needed

🌍 **Session 4** Water-food-energy nexus

- Will South Africa import all food 2025 onwards from Northern neighbours due to water scarcity?
- All schools must have a food garden and every house a rainwater



Resourcing the transition

Session 8 Financing

- Financing options for adaptation are available, leverage current options to unlock future financing possibilities. Capacity to develop bankable investments

Session 9 Building the skills base

- co-ordination required to harness many initiatives by many actors; Dept of Education to champion; analysis is needed on new “climate skills”;



Resourcing the transition

🌍 **Session 10** Transition technologies and energy choices

- No silver bullets, we must look at full range of energy technologies. Need consolidated approach to reducing CO₂. Much happening already - but need more ambitious action. Trade offs have to be made, carbon capture and storage only an option after 2025

🌍 **Session 13** Green growth trade and competitiveness

- Low carbon must be part of the general economy.
- Look at international trends for carbon pricing



Implementation and scale-up

- Our national flagship programmes
- **Session 11** Low carbon transport
 - Much is happening on the ground; key elements of low carbon transport in place; but implemented at small scales and at a slow pace. For scale up, need cooperation between national, provincial, local levels and private sectors
- **Session 12** Renewable Independent Power
 - How to replicate success factors of REIPP in other sectors; concern about future of REIPP; role of local government; more small scale RE needed; tertiary education needed on RE.



Implementation and scale-up

- **Session 14** Ecosystems and our ecological infrastructure
- **Session 15** Carbon sinks and carbon sequestration
 - Significant potential at a carbon price of R100 per tCO₂
 - Carbon must be assessed and integrated with other environmental aspects especially water constraints



Implementation and scale-up

Session 16 Water security

- water is catalyst for development, economic growth, and food security; and management of water security must be done with energy efficient technologies;

Session 17 Climate change response in SA cities and towns

- CC response interlinked with development and service delivery in cities. Collaborate to share innovations and lessons
- Battle against climate change will be won or lost in cities



Implementation and scale-up

- **Session 18** Green buildings
- **Session 19** Human Settlements
 - xxx
- **Session 20** Waste
 - xxxx





Still to come

- Monitoring progress
 - Session 21, 23 and 14
- Outlook to Paris 2015 agreement and beyond
 - Session 22 and 25
- 6 more side events (WWF, DST, DWS, ENS and ERC)
- Carbon neutral offset - 200 trees along Allandale road

