

Operationalising Net-zero through
social, political and economic
systems



INETTT

International
Network of
Energy Transition
Think Tanks

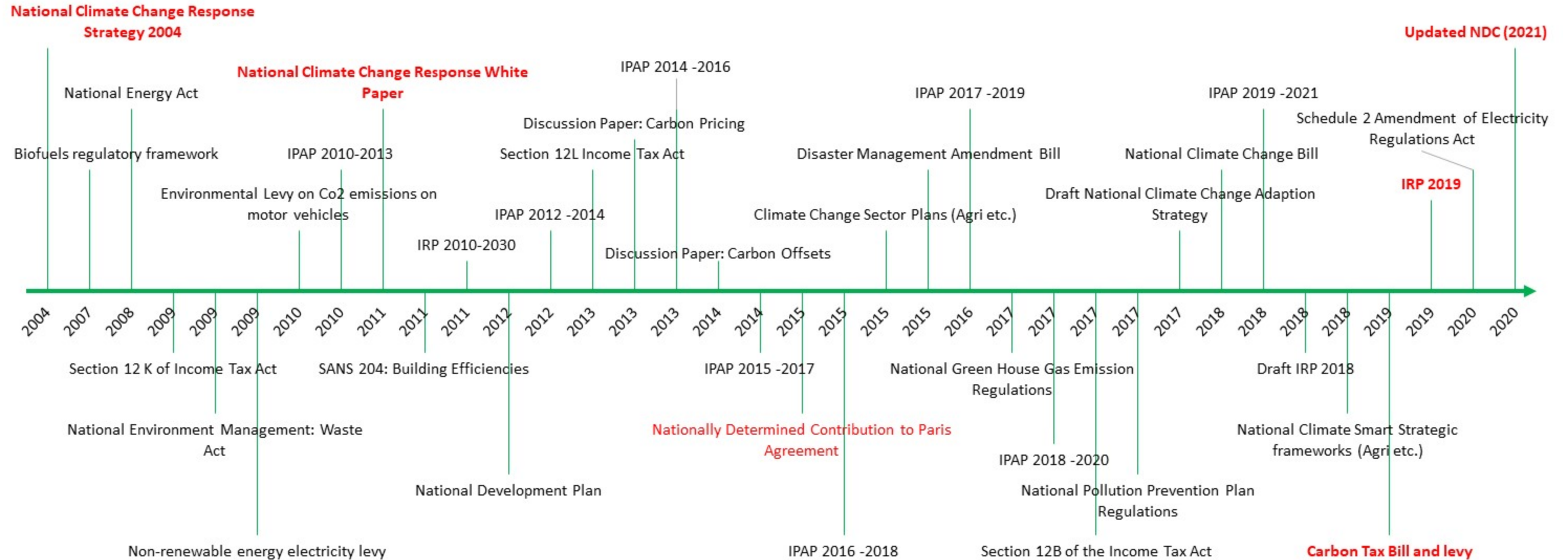


GreenCape

Supporting the
business of green

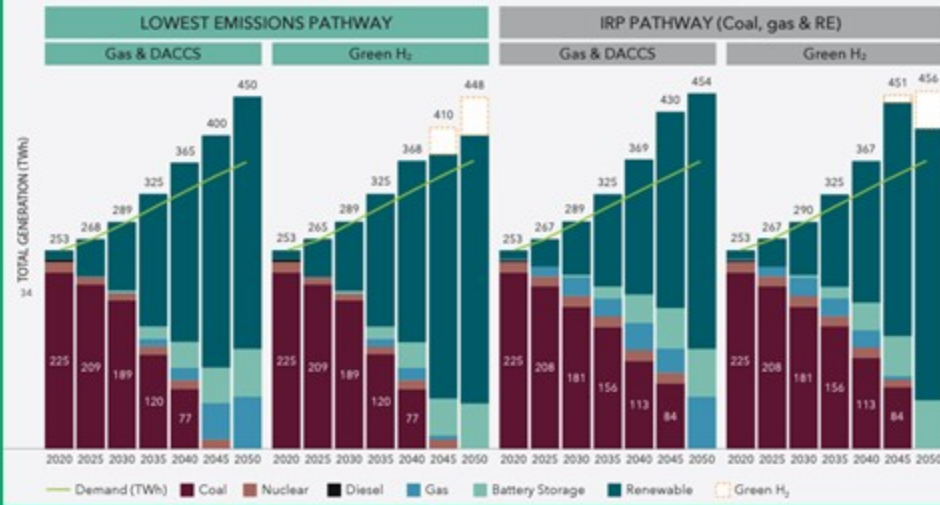


Policies, plans and strategies aimed at decarbonising

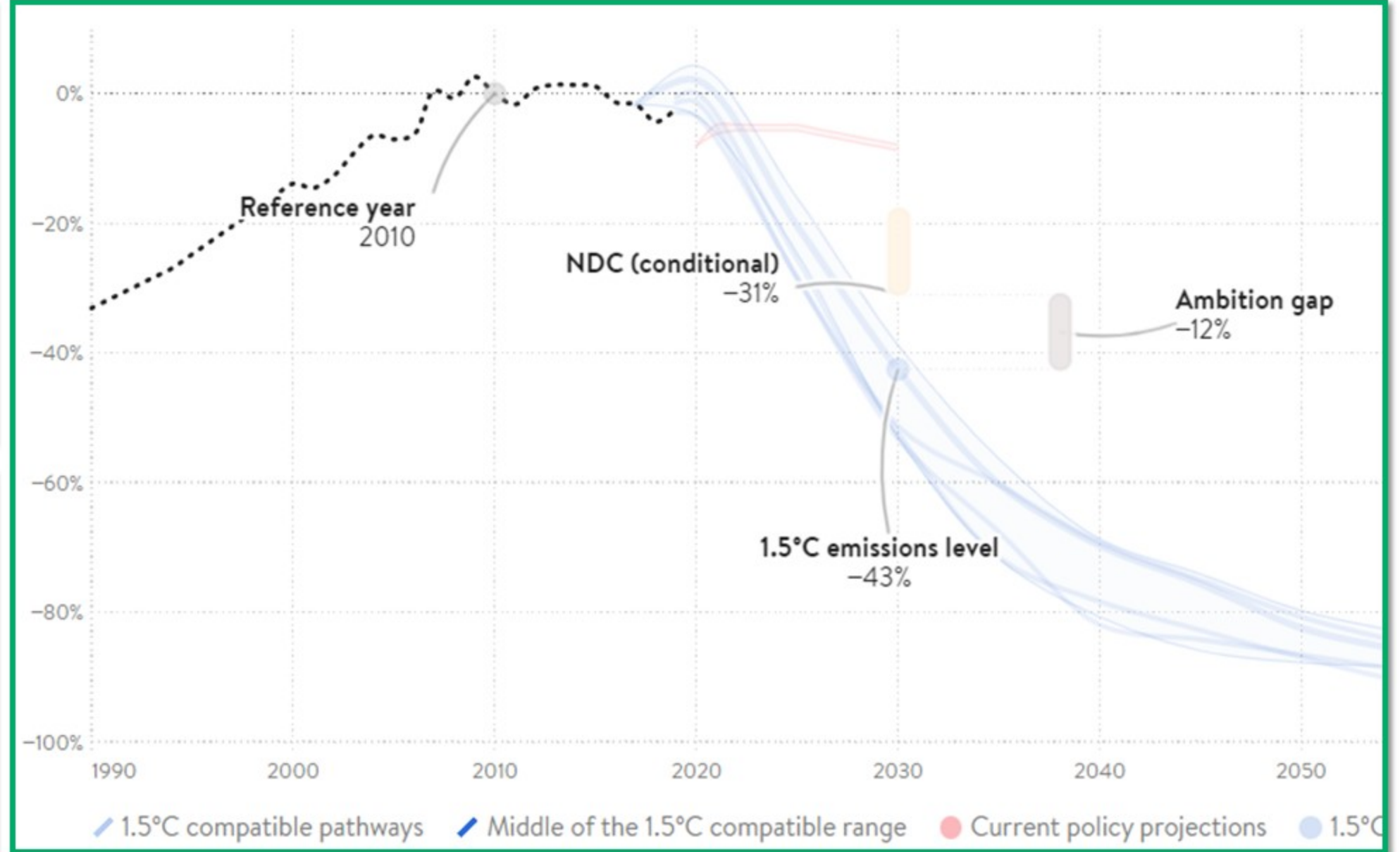
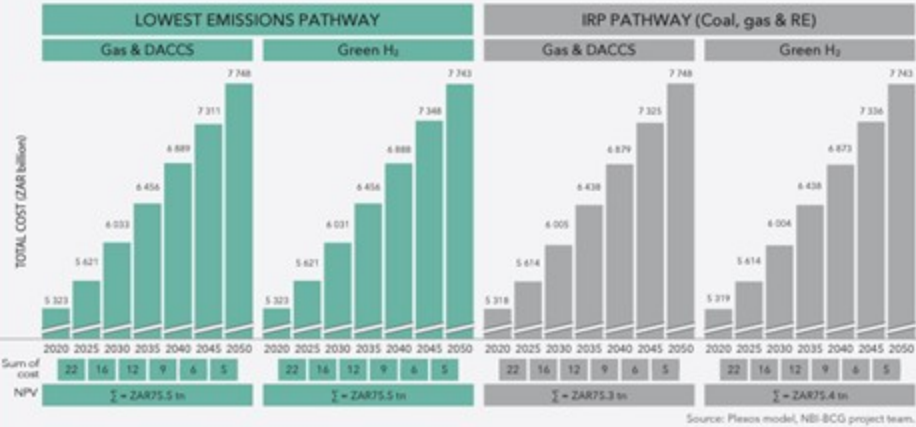


Net zero CO2 target by 2050 for South Africa

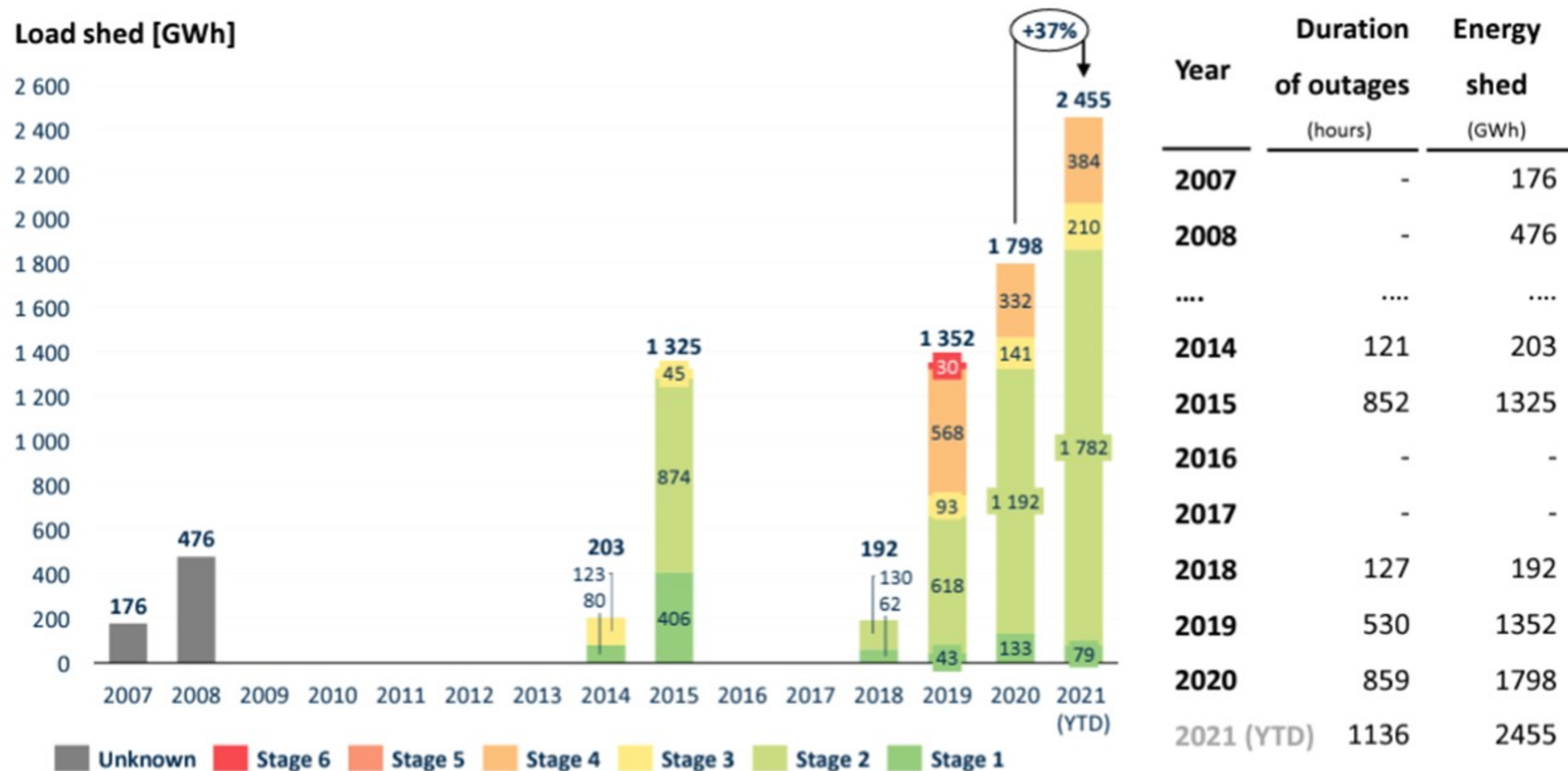
Lowest emissions path results in coal power stations being turned down by 2042.



Total cost mostly aligned across pathways, with the cumulative present value in the range of ZAR75 trillion for the period 2020–2050.



Setting the scene within an energy shortfall



The reality for the average South African

South Africa's unique triple challenges of inequality:

- Unemployment (greater than 30%)
- Youth unemployment (greater than 50%)
- More than half of South Africans living in poverty

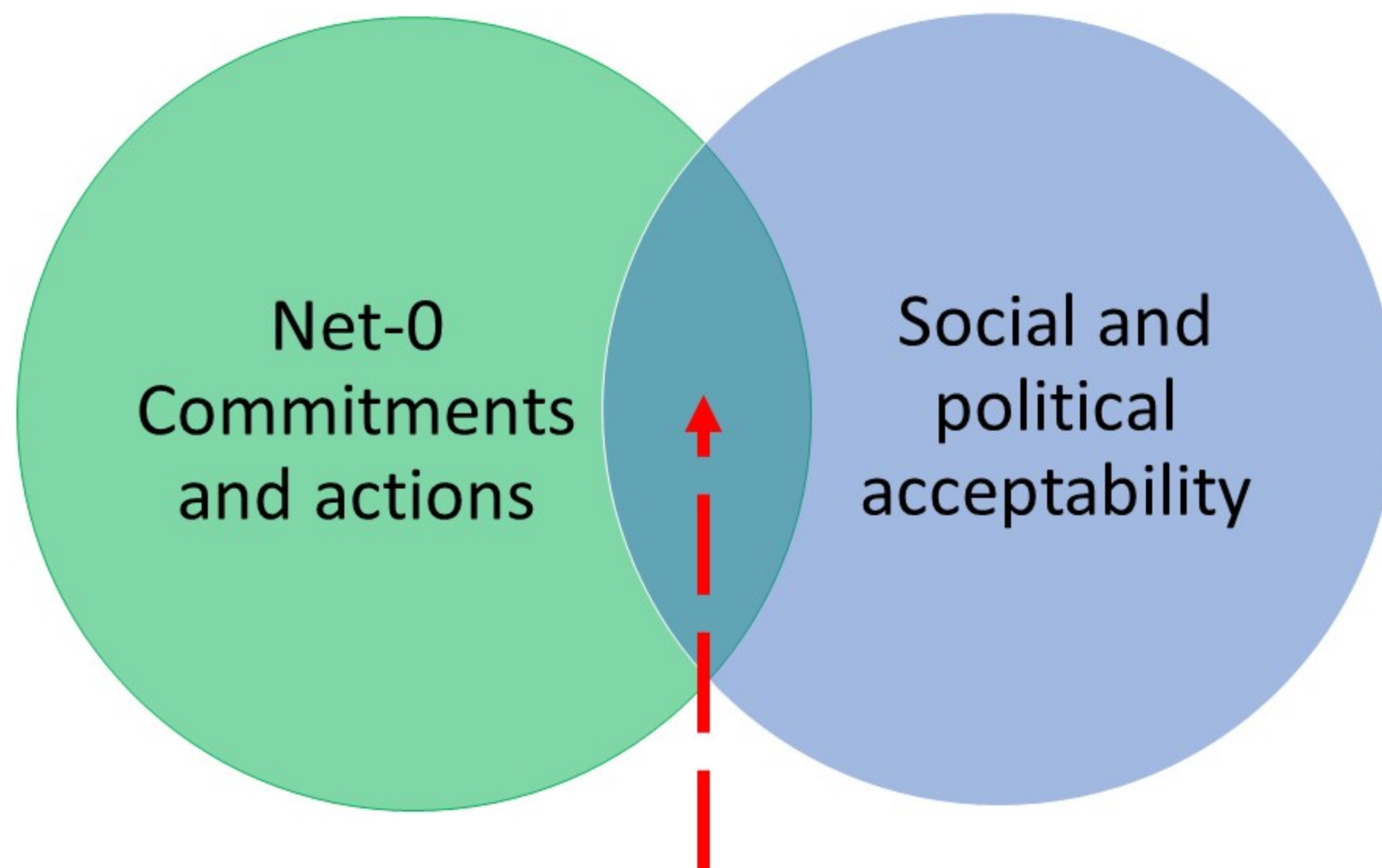
600 000 people employed in the South African mining sector

Basic service delivery challenges:

- Six million households in South Africa are without adequate.
- 20-30% of their monthly income is spent on energy needs.
- Eight (8) year waiting period / 10000 annual backlog.



The social and political palpability of our scenarios



What are these opportunities?
How do we increase these opportunities?

Pragmatic decision making



The Alternative Service Delivery Unit



The South African Renewable Energy Masterplan

Masterplans are developed off the basis of a common framework – Social Compact



- **SAREM is:**
 - An implementation plan for driving industrialisation through the renewable energy sector and its value chain
 - A collaboration between government, industry and labour, and community
 - Viewing a complex context through a lens of primary outcomes in jobs and economic growth

Thank you

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Backup slides





Vision

GreenCape's vision is a thriving prosperous Africa mobilised by the green economy.



Mission

We work at the interface between business, government and academia in order to identify and remove barriers to economically viable green economy infrastructure solutions in developing countries, thereby catalysing their replicable and large-scale uptake to enable each country and its citizens to prosper.



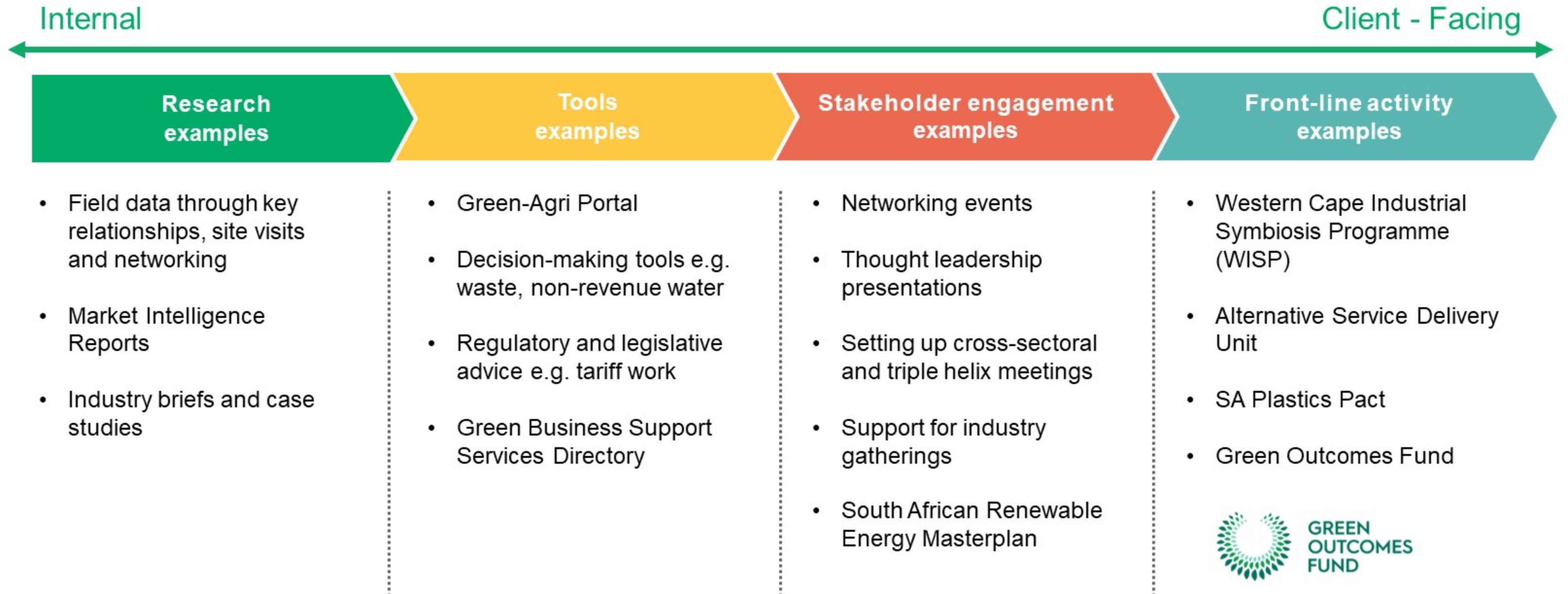
Ambition

In the next 5 years, GreenCape aims to be globally relevant in driving the uptake of green economy infrastructure solutions in the developing world context.



How we work

Examples of the range of our work across a wide variety of **sectors** and **outputs**



Our impact over 10 years



> ~ 22 000 local jobs



> ~ 2 000 members



~ R 58 billion

facilitated
investment in the
Green Economy



1st African Cleantech
cluster member of the
International Cleantech
Network