



Private Sector Contributions to the Sustainable Development Goals

UNCTAD Presentation, 30 May 2017



AGENDA

ENGIE

ENGIE in South Africa

Public Sector Relations

Sustainability Components



ENGIE – Business Activities

Power

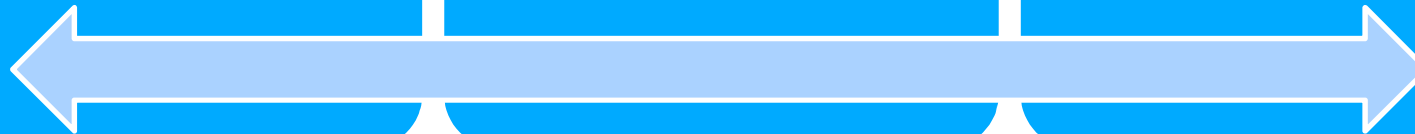
No.1 IPP in the world
117 GW installed capacity inc. 21 GW of renewable
8 GW of capacity under construction

Gas

No.1 importer of LNG in Europe
No.1 gas distribution network in Europe
No. 5 LNG portfolio in the world

Services

No.1 supplier of energy services globally
228 district cooling and heating networks
140m m2 managed in tertiary sector



ENGIE – Profile

ENGIE ID
card



153,090
employees worldwide



Operations in more
than **70** countries



€66.6 billion
revenues

€10.7 billion
EBITDA



€16 billion growth investments
over 2016-2018 including
€1 billion
in innovation and digital

***Figures as of 31 December 2016

ENGIE – South African Generation Portfolio

ENGIE's South African portfolio comprises 1,220MW of thermal and renewable assets



Aurora Wind Power

- 94 MW wind farm
- ENGIE: 43%
- COD: Jun 2015
- Part of the Government's renewable energy IPP program



Dedisa and Avon

- 335 MW and 670 MW open-cycle gas turbine plants
- ENGIE: 38%
- 15 year PPA with ESKOM
- Avon: COD Jul 2016
- Dedisa: COD Oct 2015



Aurora - Vredendal

- 2 x 10.5 MW PV facilities
- ENGIE: 19%
- Vredendal: COD Jul 2014
- Aurora: COD Dec 2014



Kathu

- 100 MW Concentrated Solar Power plant
- ENGIE: 48.5%
- Notice to Proceed: May 2016
- Parabolic trough technology
- 4.5h molten salt storage

Relationships with Public Sector Institutions

IPP Office • Programme initiation and management	DTI • Set up economic development aspects of the programme	NERSA • Generation license
DEA / DWS • Issues permits • Ensures sustainability	DBSA • DFI providing financial support	ESKOM • Off-taker • Grid connection

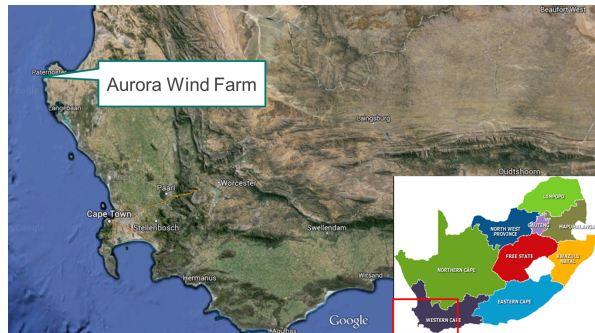
Sustainability Components - Project Evaluation

- Projects in the REIPPP program are judged both on price (70%) and economic development (30%)
- Economic development : “the facilitation of access to the economy and improvement of quality of life previously disadvantaged South Africans”

Job Creation	25%	Project requirements
Local Content	25%	
Ownership	15%	
Management Control	5%	
Preferential Procurement	10%	
Enterprise Development	5%	Social license to operate
Socio-Economic Development	15%	

Sustainability Components - Project Example

AURORA WIND FARM



94 MW wind farm, part of REIPPP Program

~6mt CO₂ savings

2 years construction, operational in 2015

Partners – Investec (34.5%), KTH (20%), WC1 Trust (2.5%)

6mZAR / y for SED projects

Sustainability Components - Aurora



Support to small businesses
10 businesses selected
Guidance on processes, tax, account



Alcohol awareness (abuse, FAS, jobs lost...)
Food Garden Project

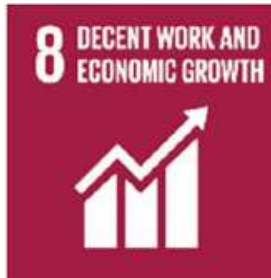


Valued Citizens Initiative
Teacher improvement programmes
Bursaries

Sustainability Components - Aurora



Young women's clubs (15 – 24 yo)
Education – gender rights, GBV

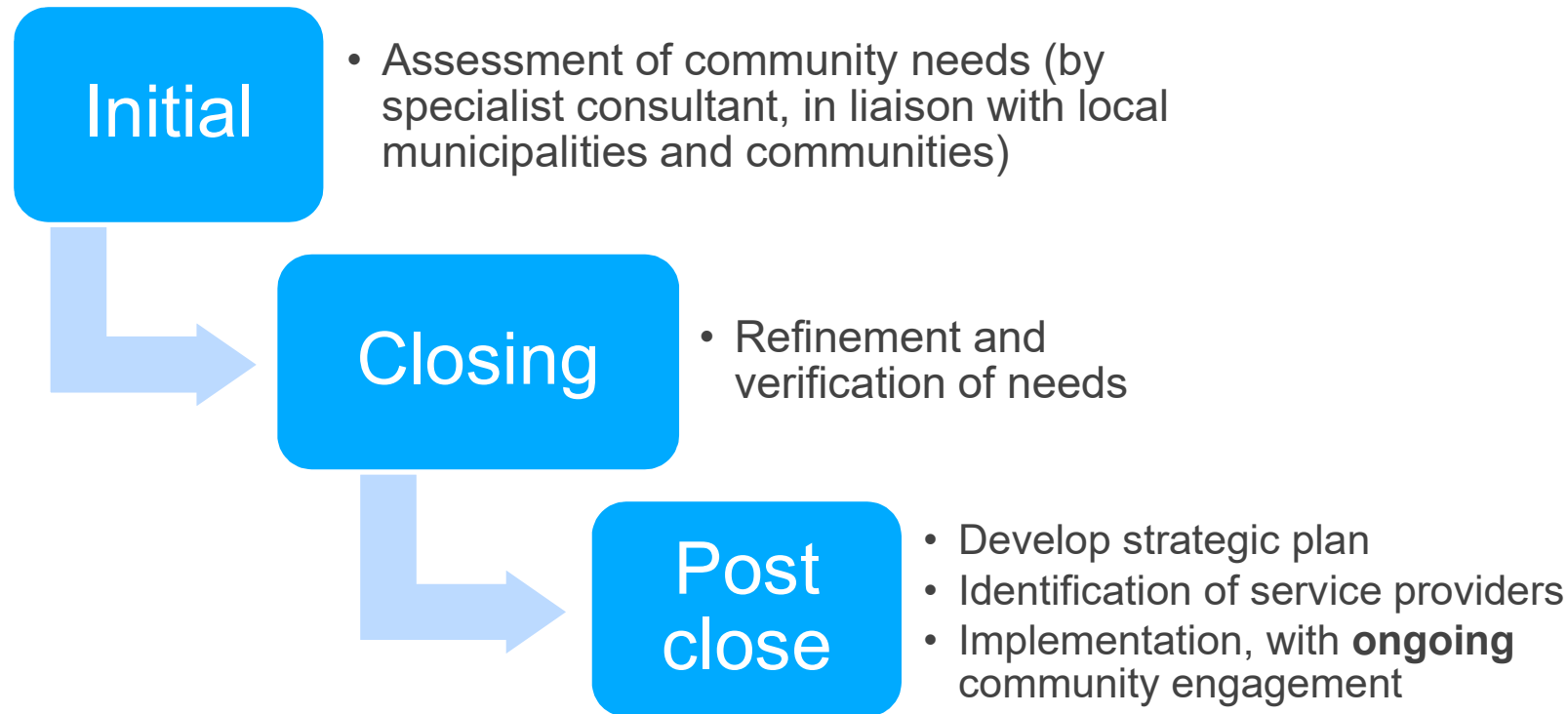


Small business support (as per No Poverty & pref. proc.)
Education (as per Quality Education) → economic growth
Project's inherent job creation



Gender Inequality (as per Gender Equality)
Project's inherent job creation
Early childhood development (playgroups, nourishment)

Sustainability Components - Implementation



Challenges

1. Managing expectations
2. 50km radius, co-ordination with other IPPs
3. Finding proficient implementing partners



THANK YOU

