



# CPV Power Plant No.1

**Vincenzo Bellini**

Business Development Management  
Soitec Solar Energy Business Unit



# Soitec, a leading company in Concentrator Photovoltaic's



*Soitec semiconductor manufacturing site for engineered substrates in France*



*Soitec manufacturing site for CPV modules in Germany*

- Soitec, with more than 1000 employees develops innovative materials and technologies for electronics and energy industries

- Through acquisition of Concentrix Solar in 2009, Soitec became a leading manufacturer of highly efficient Concentrator Photovoltaic (CPV) modules and supplier of solar power plants
- Concentrix™ technology provides a market leading solar module efficiency of 27%, which is two times the efficiency of standard silicon PV

# Soitec South Africa



- Soitec has been present in South Africa since 2008 and has its offices located in Cape Town
- Soitec has invested in a Pilot Plant in Touwsrivier to showcase our technology, ability and reliability in the market place
- Soitec Solar Built the first commercial solar plant in South Africa for COP17
- Soitec is committed to investing in South Africa

# Pele Green Energy



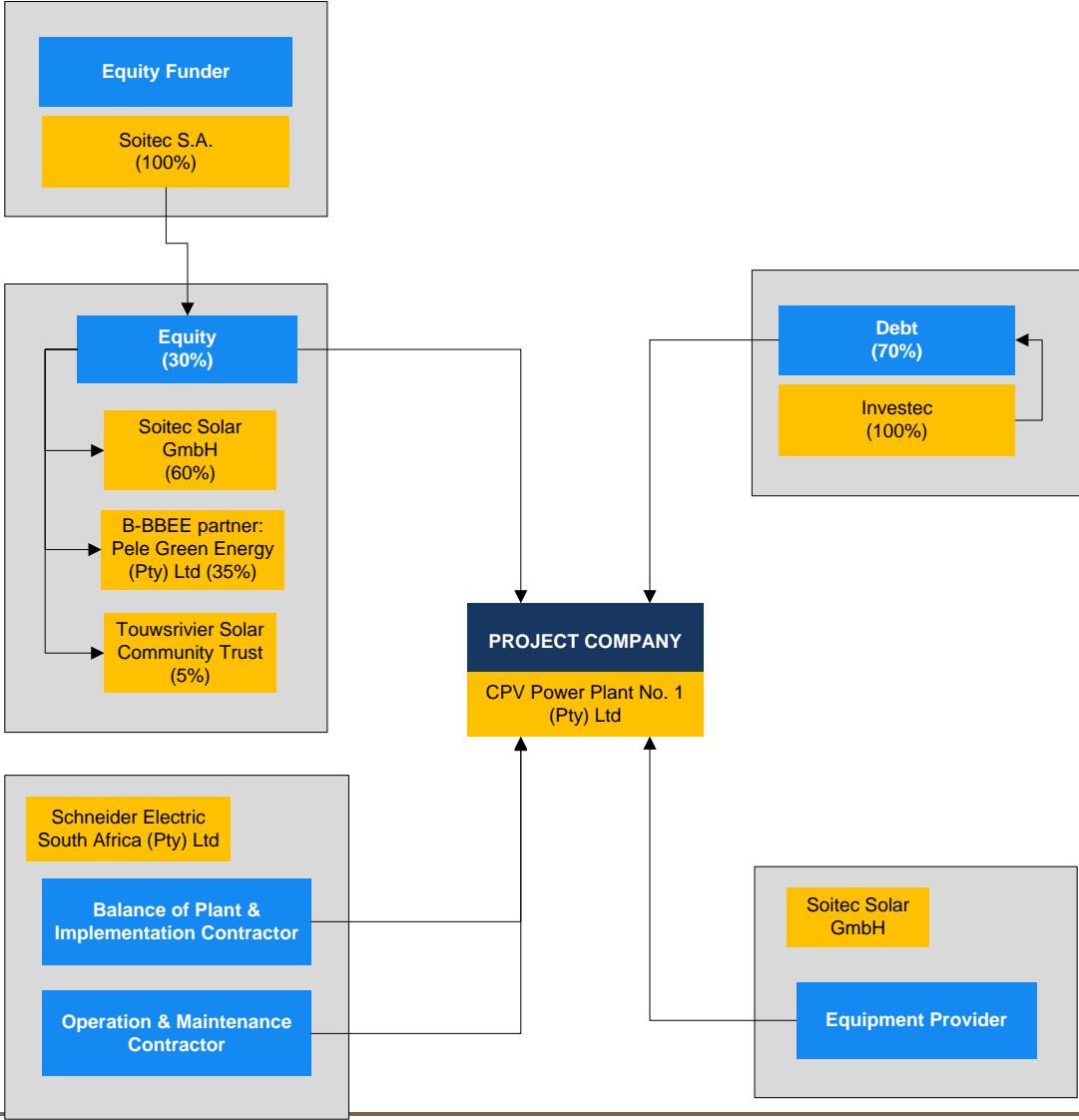
- Pele or PGE was founded in September **2009**.
- Business is located in Johannesburg, South Africa.
- An Independent Power Producer (“IPP”) that **develops, owns and operates** power-generation projects in the renewable energy sector.
  - **Operational involvement crucially implies socio-economic development planning & management.**

# CPV Power Plant No.1

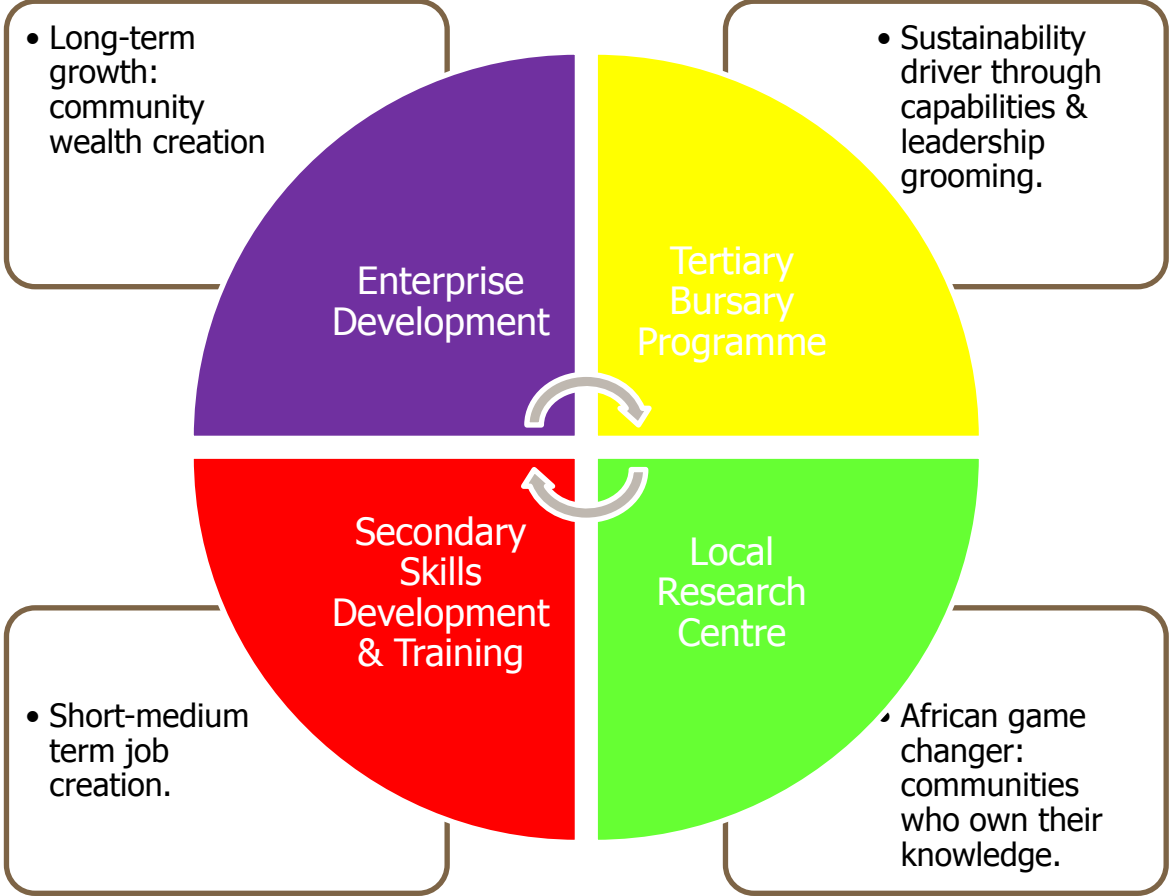


- Touwsrivier Project (“the Project”) is located approximately 10 km to the south-west of Touwsrivier in the Breede Valley Municipality of the Western Cape
- The proposed CPV Power Plant will convert the sun’s energy into electrical energy which will contribute to the targets for renewable energy generation in South Africa
- The Project will comprise of a number of CPV Systems with a nominal generation capacity at grid connection point of 36 MW

# CPV Power Plant No.1 - Structure



# Pele Green Energy – Socio Impact



# CPV Power Plant No.1 – Tracker Units





# Disclaimer

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# Thank You

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