SlimSun Swartland Solar Park

NERSA
Public Hearing
Renewable Energy Power Plant
License Application
1st March 2012, Cape Town
The Big Challenge

• Growing Electricity Shortage
• Eskom Constraints
• Green House Gas Emissions
• Managing National priorities
Why are we here?

- Regulations on New Generation Capacity - 4th May 2011
- Tender DOE 001/2011/2012 - 4th August 2011
- First Round Bid Submission: 4th November 2011
- Preferred Bidders: 7th December 2011
- Statutory Requirements
  - NERSA
    - Energy Generation License
      - Public Participation
Who are we?
How does it fit together?

Anthony Corin SA Citizen

100%

Franco Afrique Technologies (Pty) Ltd

40%

100%

Evolution One Fund

26.05%

13.95%

20%

Evolution One (BVI) LP

Evolution One En Commandite Partnership

K2011/118391/07 (Pty) Ltd (BBBEE SPV)

100%

Industrial Development Corporation ("IDC")

100%

Pref Shares

Swartland Solar Community Trust (Broad Based Ownership Scheme)

Balance of Plant

Sub-contractor Hatch

SLIMSUM (PTY) LTD Project Company and Bidder

Debt Financing

Senior Debt = 70%

Mezzanine = 10%

Nedbank (Senior Debt)

IDC (Senior Debt)

IDC (Mezzanine)

Equipment Suppliers

PV Modules Supplier: BYD Energy

Inverter Module Supplier: SMA

EPC Contractor JUWI K2011/103949/07

O&M Contractor JUWI K2011/125143/07
Where are we and what would we like to do?
How will it work?
Some Project Details

- Size of array = approx. 7 hectares
- Number of modules = approx. 25 000
- Output = approx. 5MWac at 20% load factor
- Output = 2500-3000 domestic dwellings (Eskom replacement)
- Total Investment = Approx. R200m
- Expected Commercial Operation Date = July 2013
Who will benefit?

- Swartland Solar Community Trust
  - Early Childhood development
  - Remedial Literacy Programme
  - Darling Parenting Project
- Socio Economic Development
  - Agricultural Integrated PV
  - Community Dignity & Upliftment
- Local Enterprise Development
  - Job creation
  - Solar Entrepreneurship
  - Micro enterprise support structure
Why us?

- Firmly embedded in local community
- Strong Development Team
  - Technical ability
  - Financial substance
- Strong BEE & Community stakeholders
- All Economic Development commitments localised
- Innovative Technology Deployment Portfolio
- Ambitious long term commitments
  - Further phase deployments
  - Competitive LCOE (Levelised cost of Electricity)
  - Energy & Economic Autonomy with Dignity