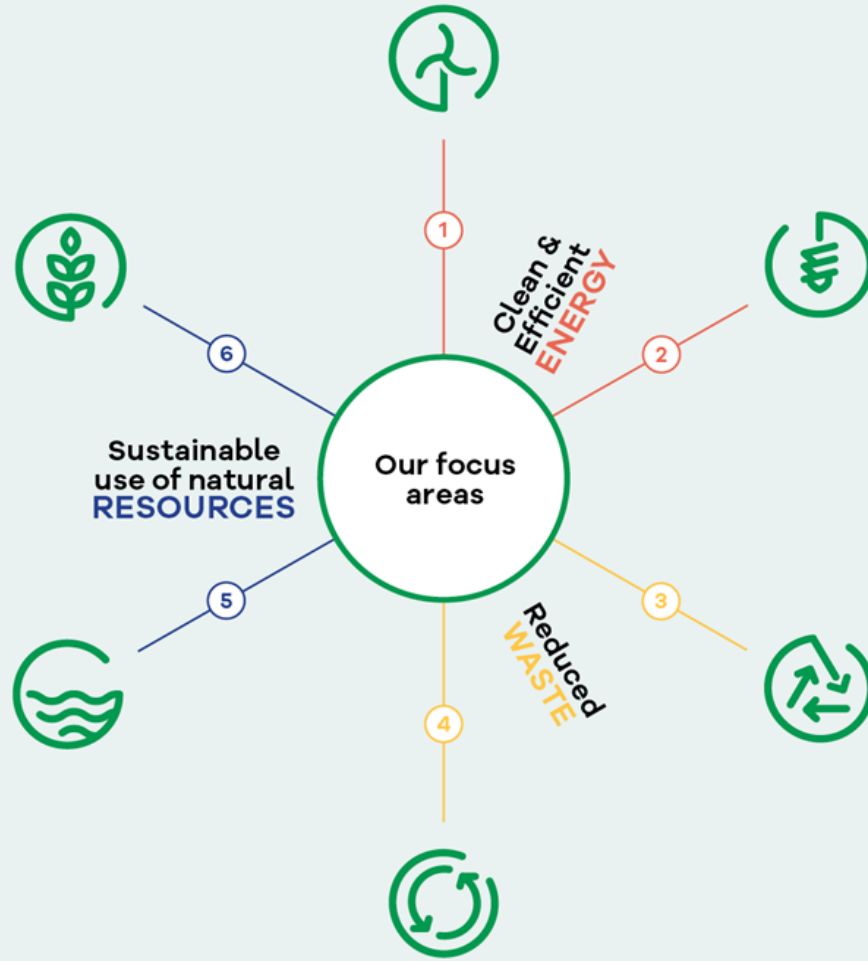


GreenCape: who are we?



1 Renewable Energy

Utility-scale projects, small-scale embedded generation, and localisation of component manufacture.

2 Energy Efficiency

Energy efficient buildings and equipment, demand side management and financing contracting models.

3 Alternative Waste Treatment

Municipal decision-making and policy and legislative tools on alternative waste treatment options; small-scale biogas, recycling and reuse (dry recyclables, construction and demolition waste).

4 Western Cape Industrial Symbiosis Programme (WISP)

Free facilitation service that networks companies to exchange under-utilised resources (materials, energy, assets, logistics and expertise).

5 Water

Water provision and economic development; greentech opportunities for water use efficiency, treatment and reuse.

6 Agriculture and Bio-Based Value Chains

Sustainable agriculture, valorisation of wastes to high value bio-products, including bio-energy.

GreenCape's current energy work

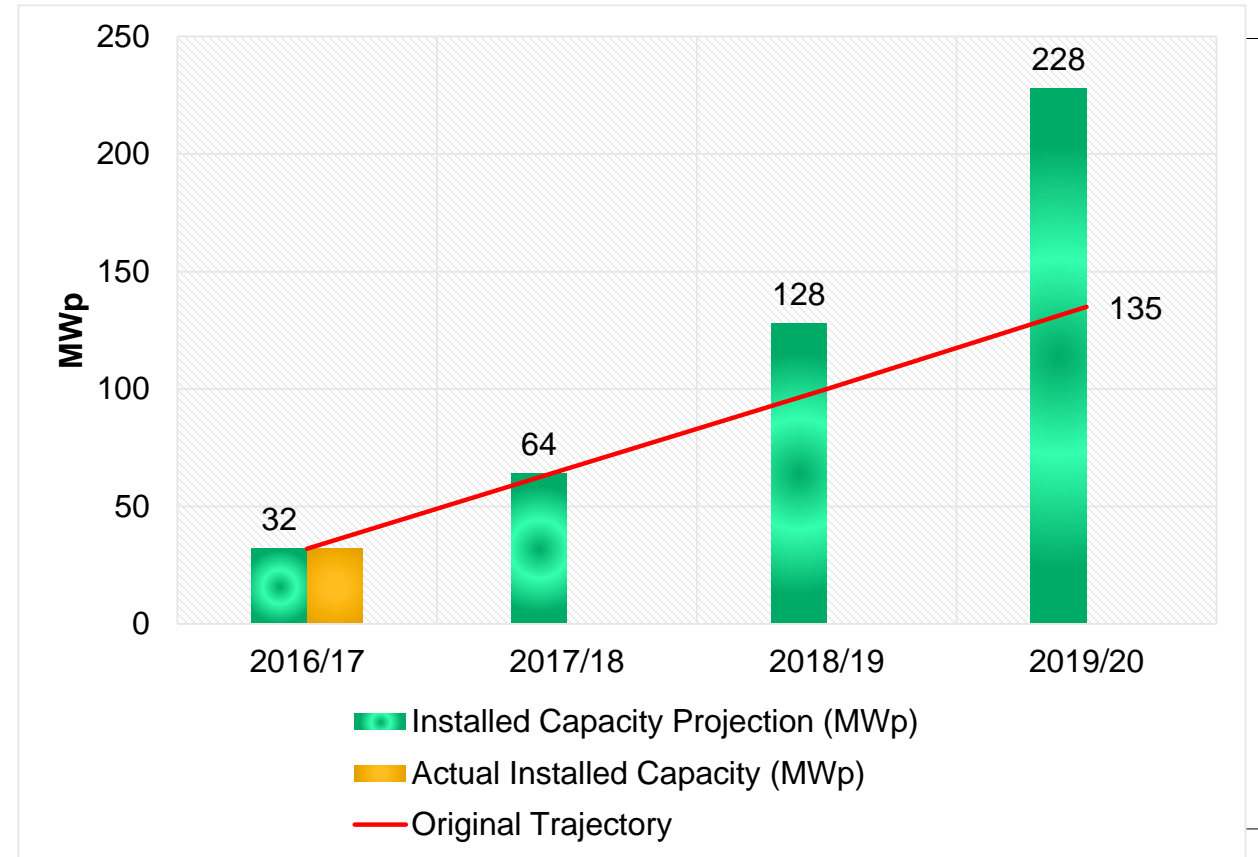
What have we been up to?

- Continued support for SSEG rules and regs
- Wheeling Framework with City of Cape Town
- Green Transport
- SSEG finance

SSEG installations increasing

It is not possible to stop this development....

- Energy Security Game Changer Rooftop PV Trajectory
- Increase but actual Installations far exceed approved legal installations
- Dangerous for staff and constituents
- Damaging to business



SSEG tariffs – impact of SSEG on municipal revenue

SSEG can decrease municipal revenue but also reduce its costs.

Key insights from studies in Stellenbosch and City of Cape Town

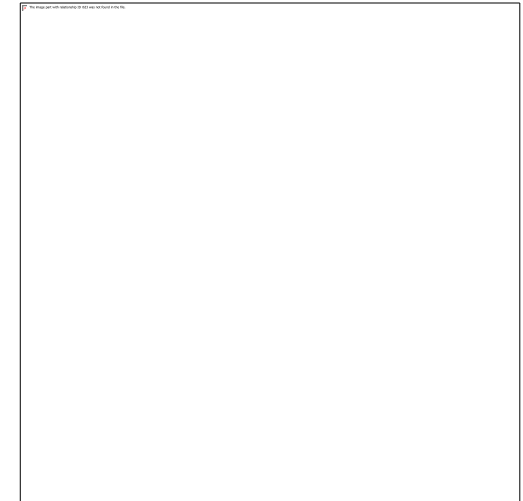
- Revenue losses vary significantly between customers on different tariffs, with cost reflective tariffs having the least impact
- Regardless of tariff, the impact on revenue is manageable.

Additional SSEG Updates

Exciting changes in the energy space

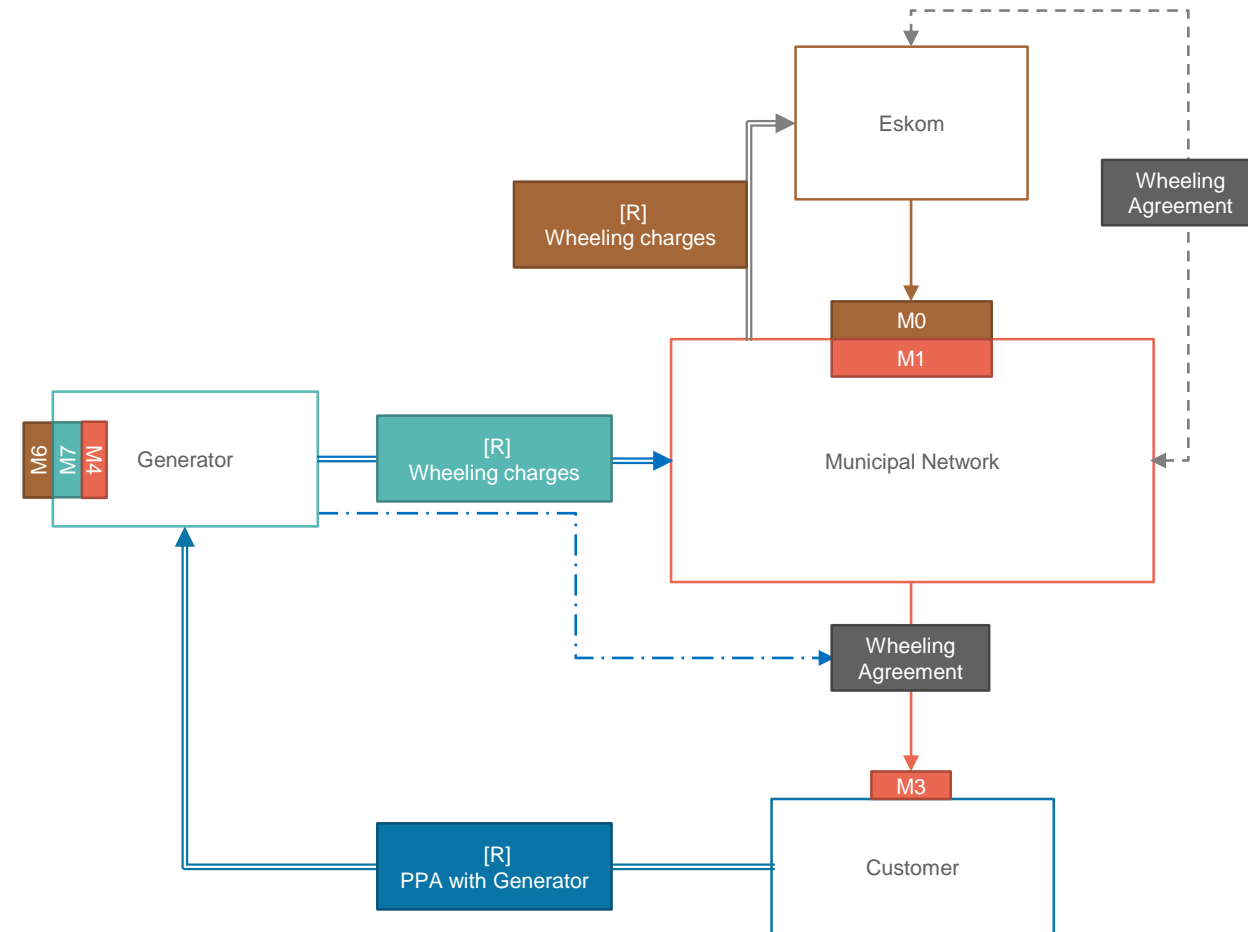
- **PV GreenCard**
 - Ensure quality installation through a certification and monitoring process

- **National PV installers qualification and certification**
 - PV technician curriculum approved by QCTO
 - Certification completed (three institutions by the end of the year)



Assisting City of Cape Town with Wheeling

- GreenCape will be assisting the city in developing a wheeling pilot and proposal
- NERSA has shown no interest in developing guidelines further, seems comfortable with the city proposing a pilot
- Would like to follow the same path as SSEG rules & Regs, where this is made available nationally through AMEU + SALGA



SSEG financing

Innovative Finance – PACE & PAYS

Three establishment programmes within the Green Investment Bank

- **PACE** – Property Assessed Clean Energy) is a simple and effective way to finance energy efficiency, renewable energy, and water conservation upgrades to buildings.
- **PAYS** – Pay As You Save (PAYS) is a market-based system that enables utility customers to purchase and install cost-effective energy efficiency upgrades or distributed renewable energy assets through a voluntary energy tariff increase.

Green Investment Bank

Leveraging innovative public finance to scale up low-carbon investment

A Green Investment Bank is an entity established specifically to facilitate private investment into domestic GreenTech infrastructure through different activities and interventions.

Core characteristics:

- A narrow mandate focusing mainly on mobilising private investment into GreenTech using interventions to mitigate risks and enable transactions
- Independent authority and a degree of latitude to design and implement interventions;
- A focus on cost-effectiveness and performance reporting.



PACE

Property Assessed Clean Energy

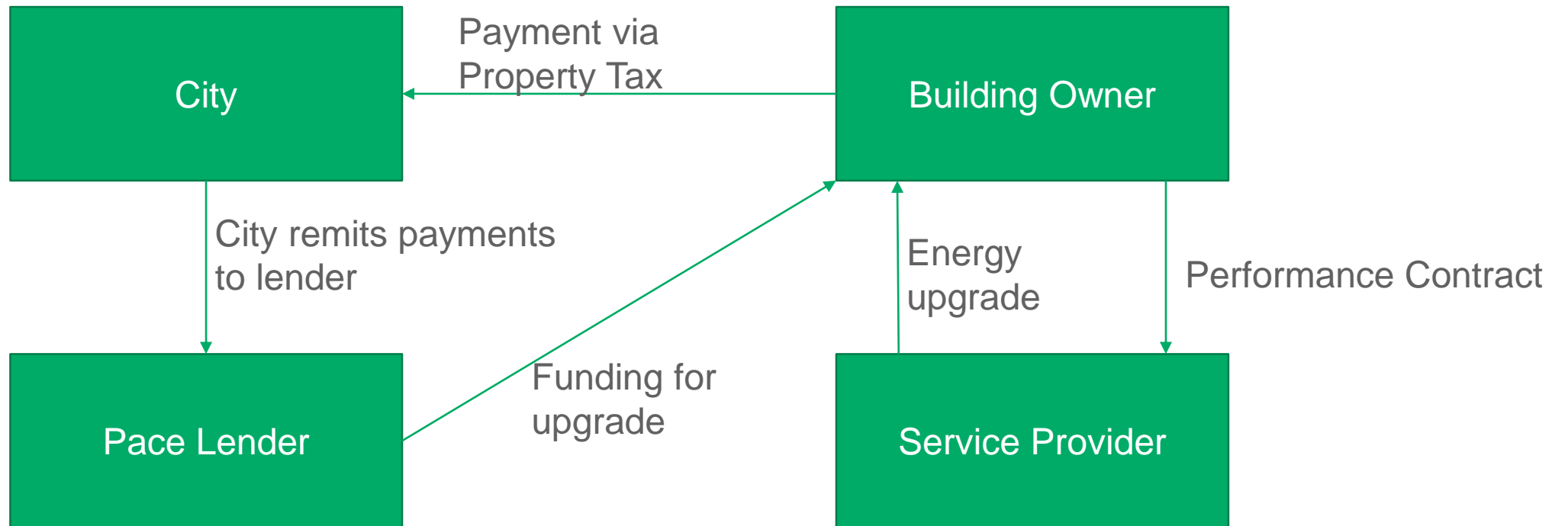
- PACE lender finances energy upgrades
- Energy upgrades done by contractor
- Investments are linked to property
- Repayment through property tax
- City acts as collection agent



PACE

**Property Assessed
Clean Energy Program**

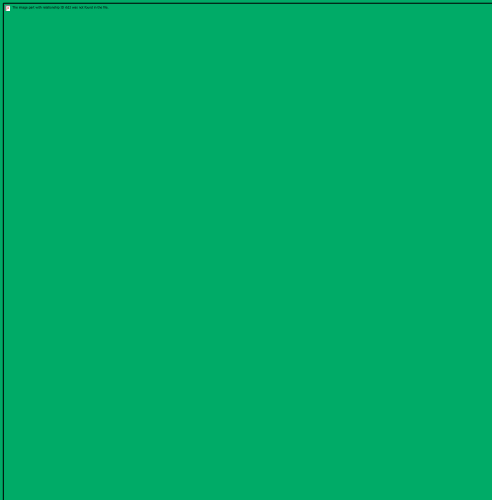
PACE



Green Transport

- Managing Charging Infrastructure
- Electric Public Fleets
- Green Transport Manufacturing





Thank You

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