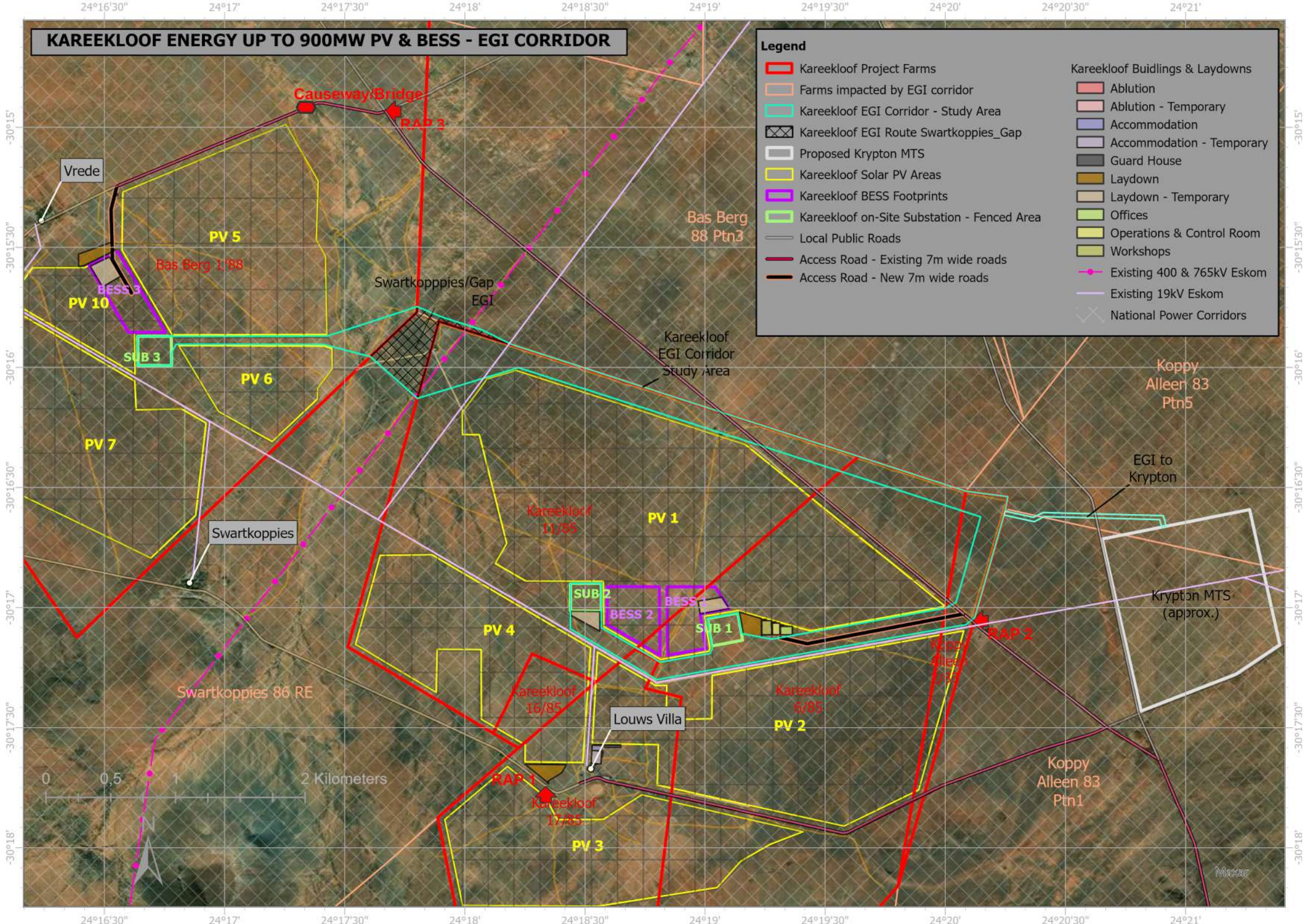


# KAREEKLOOF ENERGY UP TO 900MW PV & BESS - EGI CORRIDOR

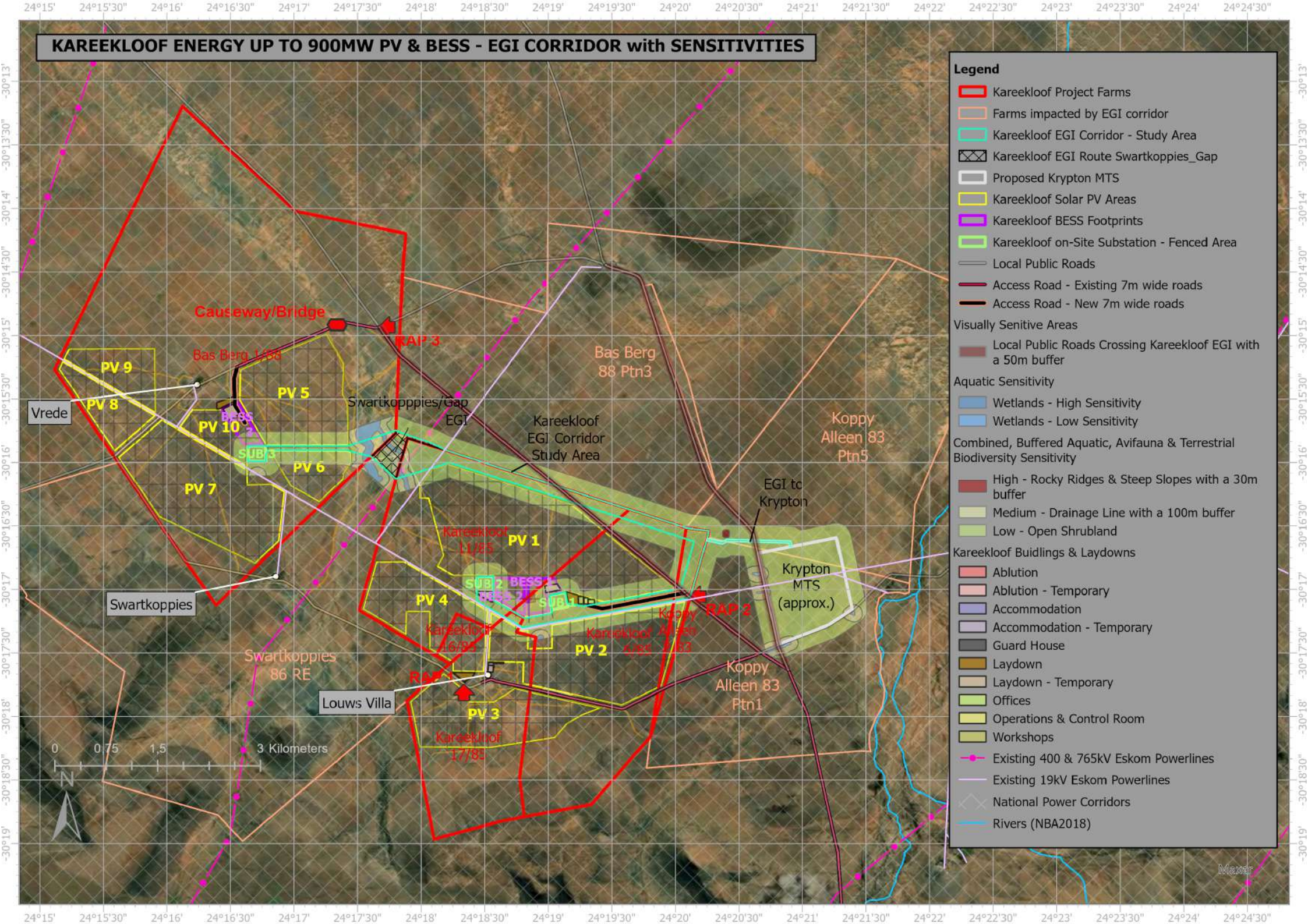
## Legend

- ▬ Kareekloof Project Farms
  - ▬ Farms impacted by EGI corridor
  - ▬ Kareekloof EGI Corridor - Study Area
  - Kareekloof EGI Route Swartkoppies\_Gap
  - Proposed Krypton MTS
  - Kareekloof Solar PV Areas
  - Kareekloof BESS Footprints
  - Kareekloof on-Site Substation - Fenced Area
  - Local Public Roads
  - Access Road - Existing 7m wide roads
  - Access Road - New 7m wide roads
- 
- ### Kareekloof Buildings & Laydowns
- Ablution
  - Ablution - Temporary
  - Accommodation
  - Accommodation - Temporary
  - Guard House
  - Laydown
  - Laydown - Temporary
  - Offices
  - Operations & Control Room
  - Workshops
  - Existing 400 & 765kV Eskom
  - Existing 19kV Eskom
  - ✕ National Power Corridors





# KAREEKLOOF ENERGY UP TO 900MW PV & BESS - EGI CORRIDOR with SENSITIVITIES



### Legend

- Kareekloof Project Farms
- Farms impacted by EGI corridor
- Kareekloof EGI Corridor - Study Area
- Kareekloof EGI Route Swartkoppies\_Gap
- Proposed Krypton MTS
- Kareekloof Solar PV Areas
- Kareekloof BESS Footprints
- Kareekloof on-Site Substation - Fenced Area
- Local Public Roads
- Access Road - Existing 7m wide roads
- Access Road - New 7m wide roads

**Visually Sensitive Areas**

- Local Public Roads Crossing Kareekloof EGI with a 50m buffer

**Aquatic Sensitivity**

- Wetlands - High Sensitivity
- Wetlands - Low Sensitivity

**Combined, Buffered Aquatic, Avifauna & Terrestrial Biodiversity Sensitivity**

- High - Rocky Ridges & Steep Slopes with a 30m buffer
- Medium - Drainage Line with a 100m buffer
- Low - Open Shrubland

**Kareekloof Buildings & Laydowns**

- Ablution
- Ablution - Temporary
- Accommodation
- Accommodation - Temporary
- Guard House
- Laydown
- Laydown - Temporary
- Offices
- Operations & Control Room
- Workshops

- Existing 400 & 765kV Eskom Powerlines
- Existing 19kV Eskom Powerlines
- National Power Corridors
- Rivers (NBA2018)

0 0.75 1.5 3 Kilometers





Kareekloof Energy PV & BESS - EGI Corridor: Renewable Energy (RE) Projects within 30km of the EGI Corridor for Cumulative Assessment

- Legend**
- 30km zone around Kareekloof Energy EGI Study Area
  - Kareekloof EGI Corridor - Study Area
  - Proposed Krypton MTS
  - Kareekloof Project Farms
  - Other RE Projects - Source REEA 2024\_Q1
  - Additional EA Approved RE Projects (Source SAHRIS)
  - Existing 220, 400 & 765kV Eskom Powerlines
  - Existing 132kV Eskom Powerlines
  - National Power Corridor

