







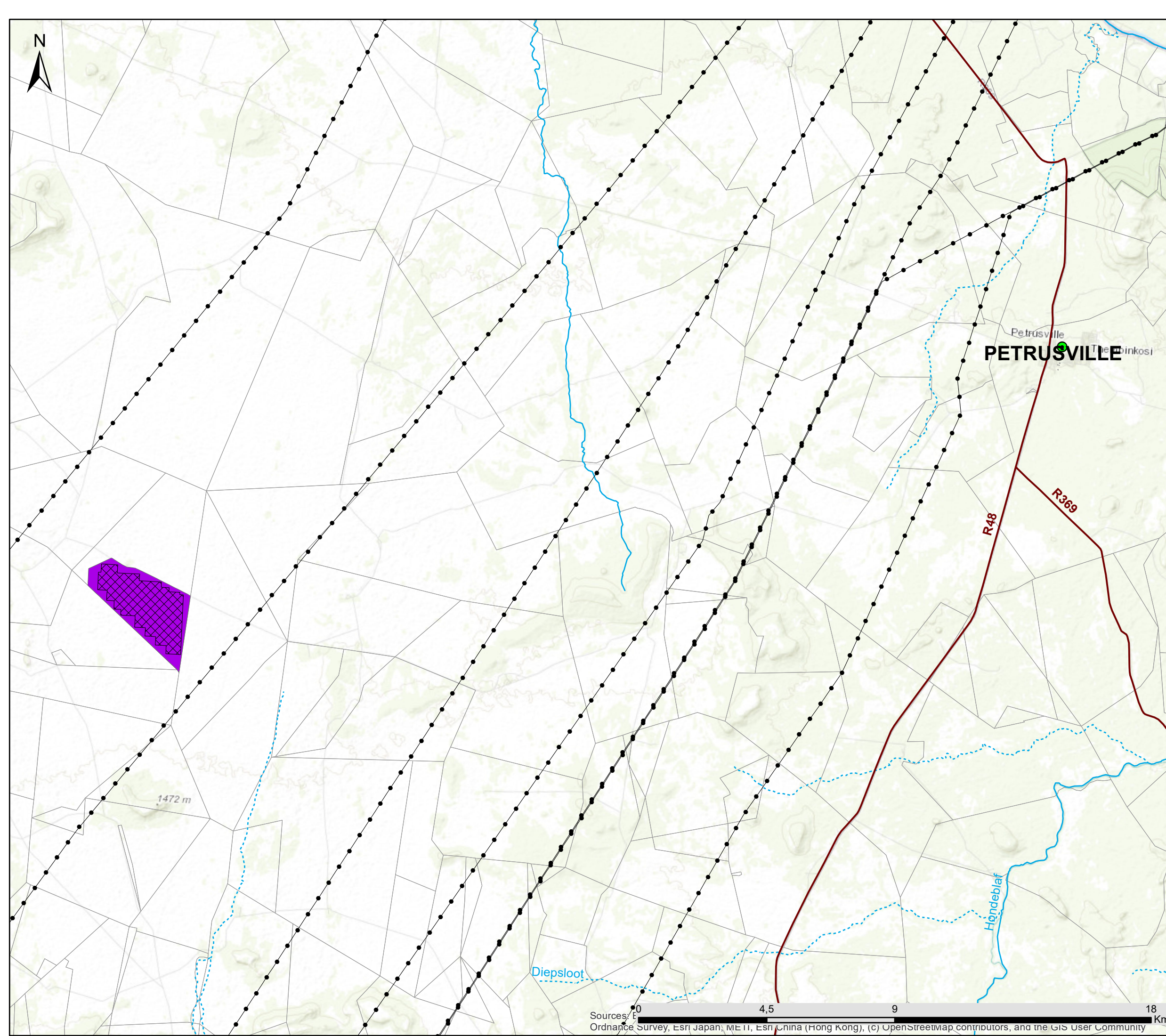


Tafelkop Solar PV Facility Crossroads Green Energy Cluster Northern Cape Province

Locality Map

Legend

-  Town
-  Existing Power Line
-  Regional Road
-  Non-perennial River
-  Perennial River
- Proposed Development**
-  Tafelkop Solar PV Facility Development Area
-  Tafelkop Solar PV Facility Development Footprint
-  Farm Portions



Scale: 125 000
Projection: GCS_WGS_1984
Map Ref: Crossroads Green Energy Cluster



Sources: Ordnance Survey, Esri Japan, MEI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Crossroads Green Energy Cluster Northern Cape Province

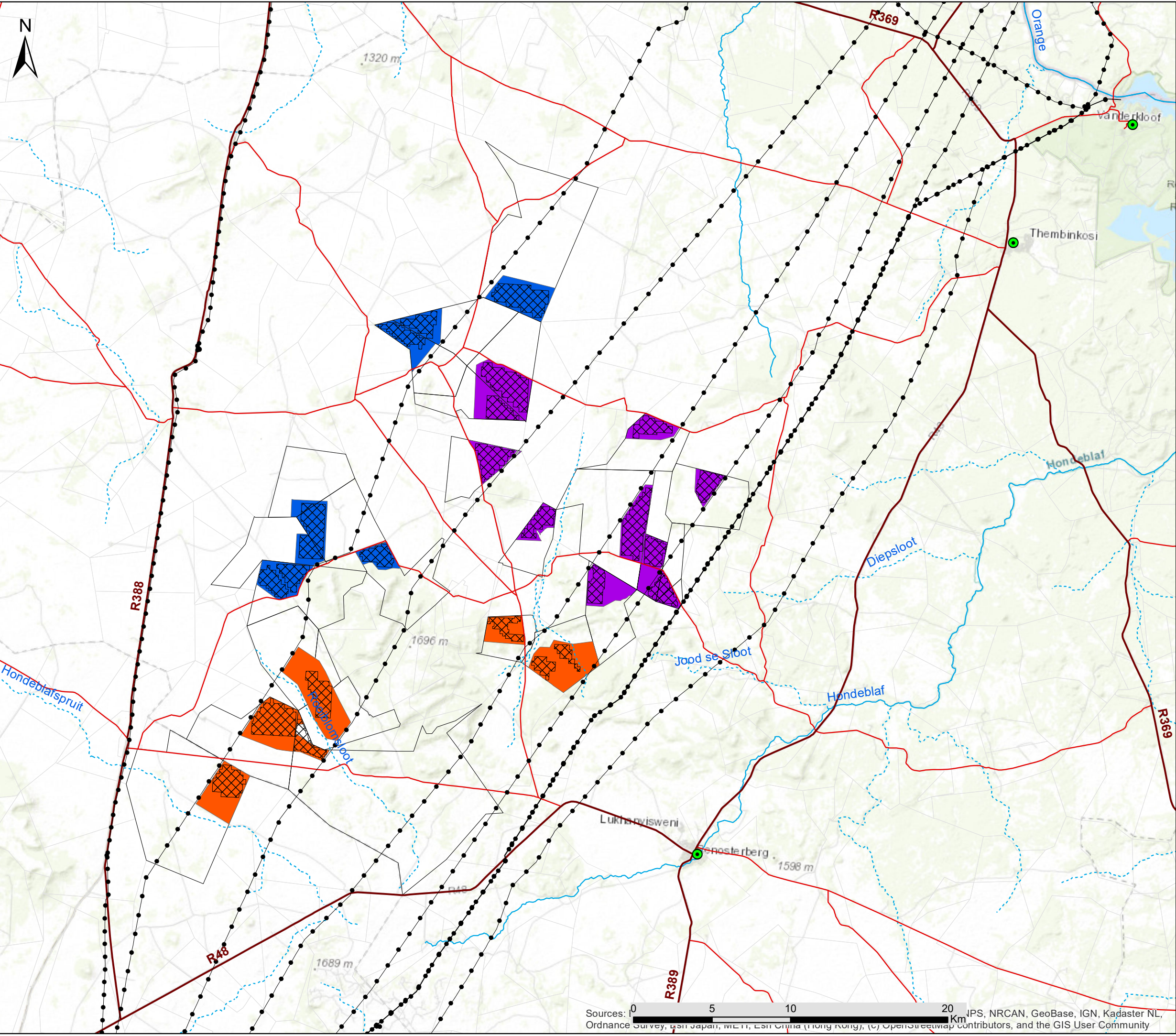
Locality Map

Legend

-  Town
-  Eskom Substation
-  Existing Power Line
-  National Road
-  Regional Road
-  Main Road
-  Non-perennial River
-  Perennial River
-  Phase 1 Solar Facilities
-  Phase 2 Solar Facilities
-  Phase 3 Solar Facilities
-  Affected Farm Portion



Scale: 230 000
 Projection: GCS_WGS_1984
 Map Ref: Hydra B Renewable Energy Cluster









Sources: 0 5 10 20 km
 IPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
























Crossroads Green Energy Cluster Northern Cape Province

Cumulative Map

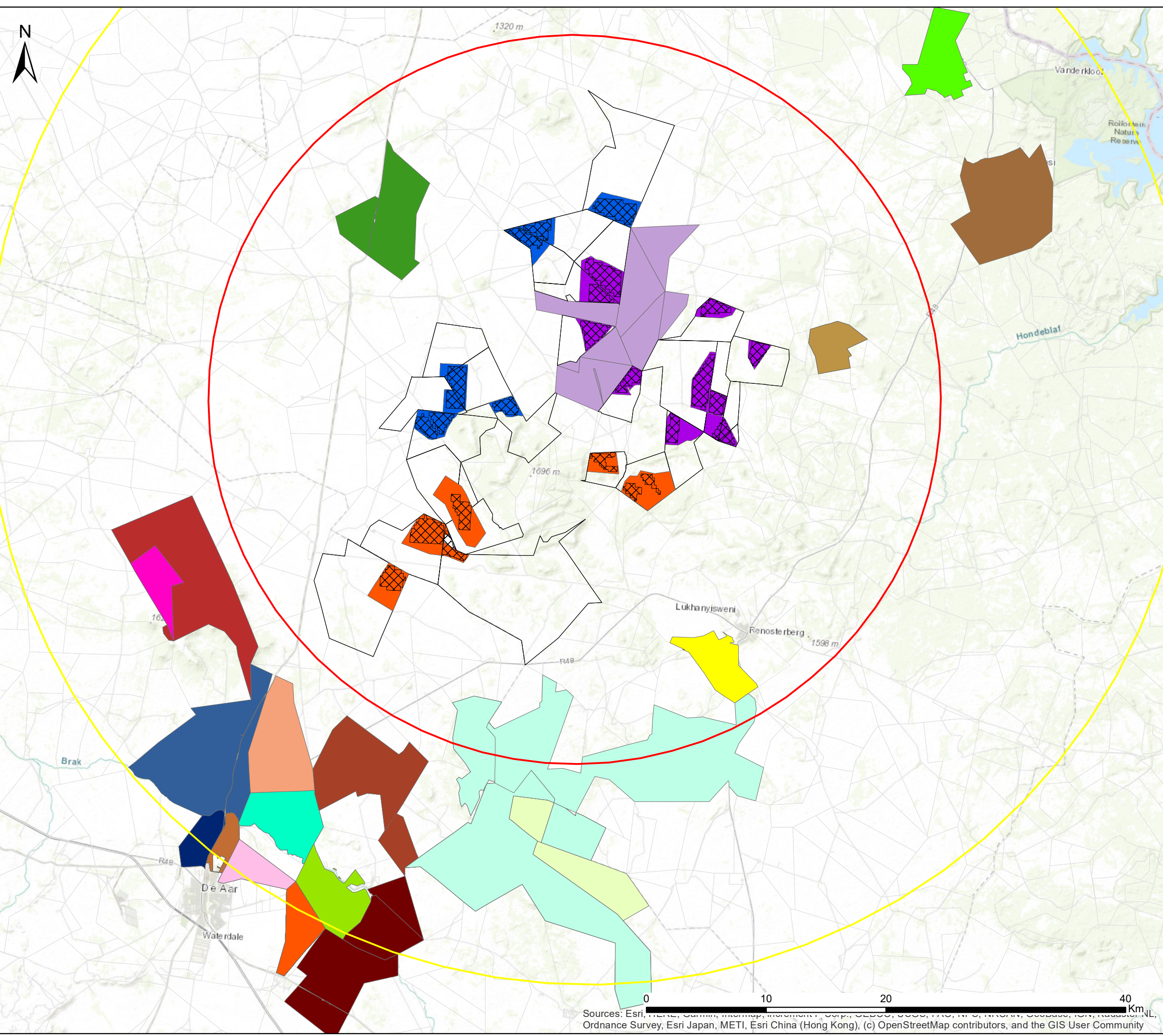
Legend

-  Phase 1 Solar Facilities
-  Phase 2 Solar Facilities
-  Phase 3 Solar Facilities
-  Affected Farm Portion
-  30 km radius
-  50 km radius

Other Renewable Energy Developments within 50km of the Hydra B Cluster

-  300MW Solar Power Plant in Phillipstown (Approved)
-  70 - 100 MW Solar Power Plant in Petrusville (In Progress)
-  Castle wind energy facility project (Approved)
-  Proposed PV facility on farm Blaauwkratz near De Aar (In Process)
-  PV facility on farm Caroluspoort near De Aar (Approved)
-  PV facility on farm Jakhalsfontein near De Aar (Approved)
-  Solar Capital PV facility on farm Loskop (Operational)
-  Renosterberg PV power plant (Approved)
-  Solar Power Generation Facility on the farm Vetlaagte 4 (Approved)
-  Swartwater 75MW solar PV power facility (Approved)
-  Ilanga Lethemba 2 Solar PV Facility (Approved)
-  PV facility on farm Blaauwkratz near De Aar (In Process)
-  Renewable energy farm on portion 5 of farm Kleinplaas No. 193 (In Process)
-  75-150mw Photovoltaic Solar Energy Facility on Paarde Valley Farm (Approved)
-  Photovoltaic (Pv) Plant On Portion 29 Of The Farm Paarde 145 (In Process)
-  Pixley Park Solar PV Facilities (Approved)
-  The Proposed Construction Of Ilanga Lethemba PV Facility
-  Photovoltaic (Solar) Energy Facilities On Du Plessis Dam Farm (In Process)
-  Renosterberg Wind Energy Facility (Approved)
-  The Mulilo De Aar 2 South (Pty) Ltd Wind Energy Facility (Operational)
-  75MW PV SEF on the Remaining Extent of the Farm Vetlaagte 4 (Approved)
-  Scatec Solar Photovoltaic Farms (Approved)
-  Kudu Solar PV Facilities (In Progress)

Scale: 300 000
Projection: WGS_GCS_1984
Map Ref: Crossroad Green Energy Cluster



Sources: Esri, DeLorme, Garmin, Mapbox, Microsoft, Corp., GEBCO, GEBCO, NOAA, NOAA, GEBCO, IGN, IGN, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Crossroads Green Energy Tafelkop Solar PV Facility Northern Cape Province

Layout Map

Legend

- Transmission Lines
- Main Road
- Internal Roads
- Power Stations
- Project Site
- Facility Fenceline
- Fire Break (50m)
- Development Area
- Development Footprint
- Solar PV Arrays
- On-Site Substation
- Office and Storage
- Laydown Area
- Parking Area
- BESS
- Affected Property

Scale: 25 000
Projection: WGS_GCS_1984
Map Ref: Crossroad Green Energy Cluster Tafelkop

savannah
environmental



GRASS PAN
3/40

0 0,75 1,5 3 Km

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

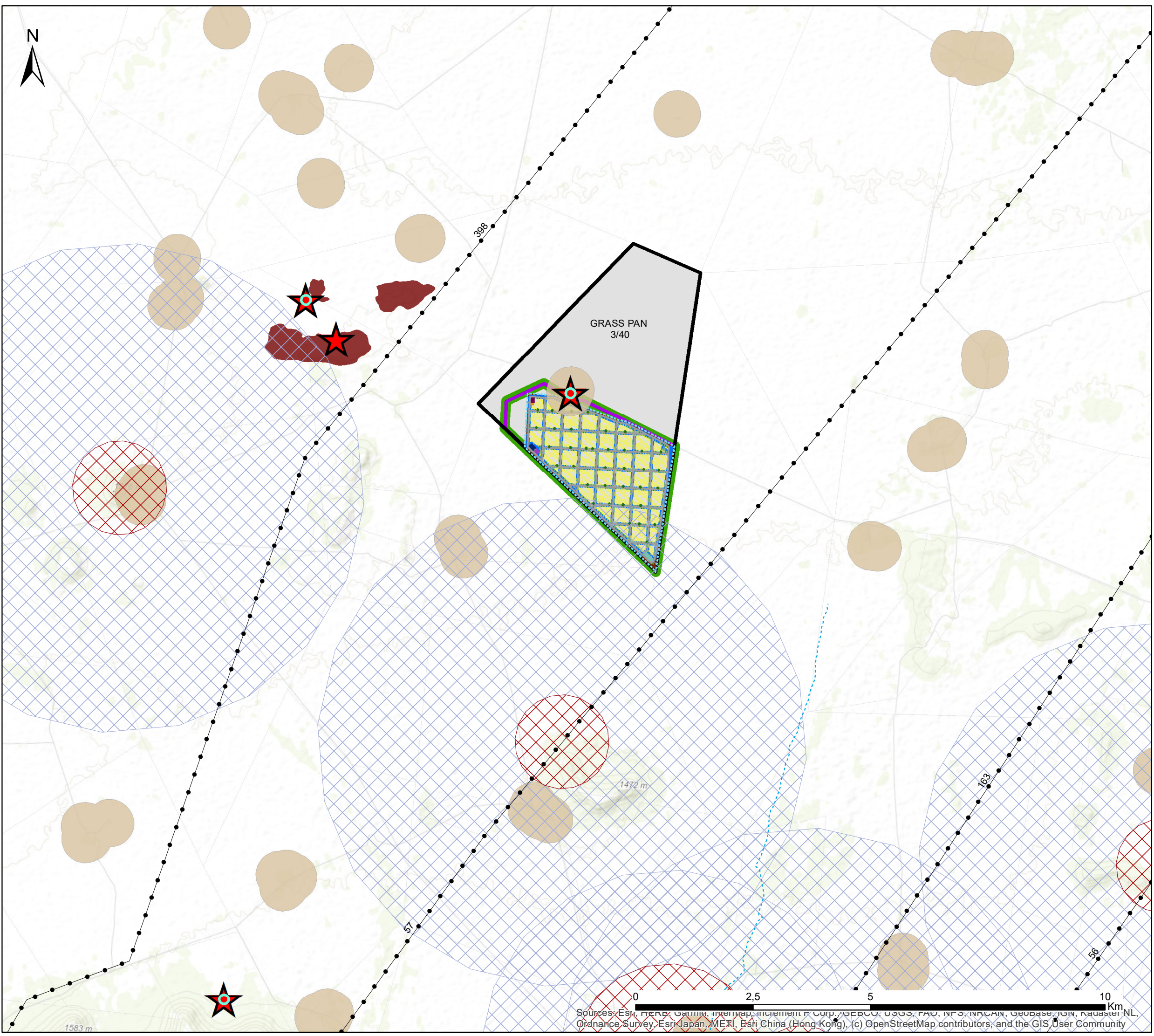


Crossroads Green Energy Tafelkop Solar PV Facility Northern Cape Province

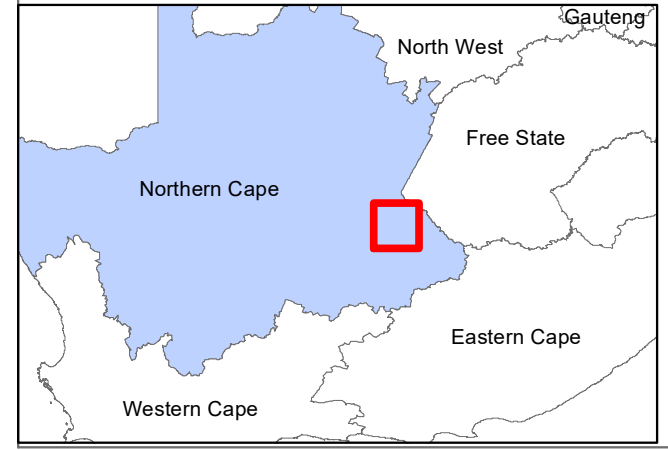
Layout & Sensitivity Map

Legend

- Transmission Lines
- Non-perennial River
- Perennial River
- Facility Layout**
- Internal Roads
- Power Stations
- ▭ Project Site
- ▭ Facility Fenceline
- ▭ Fire Break (50m)
- ▭ Development Area
- ▭ Development Footprint
- ▭ Solar PV Arrays
- ▭ On-Site Substation
- ▭ Office and Storage
- ▭ Laydown Area
- ▭ Parking Area
- ▭ BESS
- Avifauna Sensitivities**
- ▭ Nest buffers 2km - No Go areas
- ▭ Nest buffers - Low Sensitivity
- Heritage Sensitivities**
- ▭ Heritage 100m Buffer
- ★ Heritage Resources - Moderate Sensitivity
- ▭ No-go Areas
- Visual Sensitivities**
- ▭ Residences - Moderate Sensitivity
- Terrestrial Ecology Sensitivities**
- ▭ Karoo Grassland - Medium Sensitivity
- ▭ Affected Property



Scale: 1:75 000
 Projection: WGS_GCS_1984
 Map Ref: Crossroad Green Energy Cluster Tafelkop



Sources: Esri, DeLorme, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, NAUSTAR NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Crossroads Green Energy Solar PV Facilities Cluster Northern Cape Province

Layout & Sensitivity Map

Legend

- Transmission Lines
 - Distribution Lines
 - Regional Road
 - - - Non-perennial River
 - Perennial River
- Proposed Cluster Development**
- ▭ Project Sites
 - ▭ Tafelkop Solar PV
 - ▭ Koppv Alleen Solar PV
 - ▭ Vrede Solar PV
 - ▭ Zionsheuvel Solar PV
 - ▭ Amper Daar Solar PV
 - ▭ Wag n Bietjie Solar PV
 - ▭ Ruspoort 1 - Option A Solar PV
 - ▭ Ruspoort 1 - Option B Solar PV
 - ▭ Ruspoort 2 Solar PV
 - ▭ Middelpaas Solar PV
- Avifauna Sensitivities**
- ▭ Nest buffers 2km - No Go areas
 - ▭ Nest buffers - Low Sensitivity
- Visual Sensitivities**
- ▭ Residences - Moderate Sensitivity
- Heritage Sensitivities**
- ▭ Heritage 100m Buffer
 - ★ Heritage Resources - Moderate Sensitivity
- No-go Areas**
- ▭ No-go Areas
- Terrestrial Ecology Sensitivities**
- ▭ Karoo Grassland - Medium Sensitivity
 - ▭ Drainage features - Medium Sensitivity
 - ▭ Koppies Shrubland - High Sensitivity

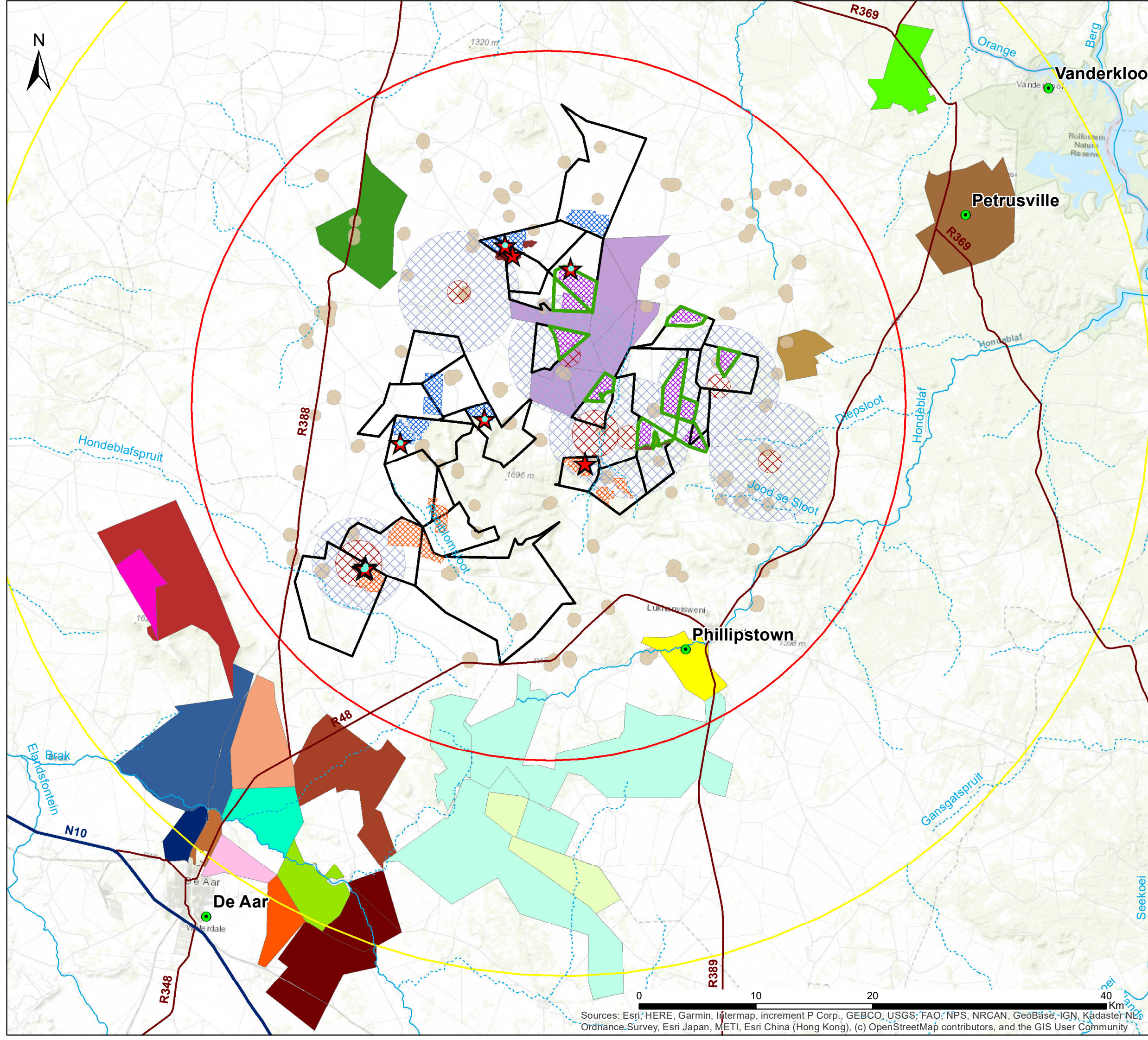


Scale: 100 000
 Projection: WGS_GCS_1984
 Map Ref: Crossroad Green Energy Cluster



Crossroads Green Energy Solar PV Facilities Cluster Northern Cape Province

Layout, Sensitivity & Cumulative Map



- Legend**
- Town
 - National Road
 - Regional Road
 - Non-perennial River
 - Perennial River
 - 30 km radius
 - 50 km radius
- Proposed Cluster Development**
- Phase 1 Solar Facilities
 - Phase 2 Solar Facilities
 - Phase 3 Solar Facilities
 - Project Sites
- Avifauna Sensitivities**
- Nest buffers 2km - No Go areas
 - Nest buffers - Low Sensitivity
- Visual Sensitivities**
- Residences - Moderate Sensitivity
- Heritage Sensitivities**
- Heritage 100m Buffer
 - Heritage Resources - Moderate Sensitivity
- No-go Areas**
- No-go Areas
- Terrestrial Ecology Sensitivities**
- Karoo Grassland - Medium Sensitivity
 - Drainage features - Medium Sensitivity
 - Koppies Shrubland - High Sensitivity
- Other Renewable Energy Developments (REEA 2022 Q1)**
- 300MW Solar Power Plant in Phillipstown (Approved)
 - 70 - 100 MW Solar Power Plant in Petrusville (In Progress)
 - Castle wind energy facility project (Approved)
 - Proposed PV facility on farm Blaauwkratz near De Aar (In Process)
 - PV facility on farm Caroluspoort near De Aar (Approved)
 - PV facility on farm Jakhalsfontein near De Aar (Approved)
 - Solar Capital PV facility on farm Loskop (Operational)
 - Renosterberg PV power plant (Approved)
 - Solar Power Generation Facility on the farm Vetlaagte 4 (Approved)
 - Swartwater 75MW solar PV power facility (Approved)
 - Ilanga Lethemba 2 Solar PV Facility (Approved)
 - PV facility on farm Blaauwkratz near De Aar (In Process)
 - Renewable energy farm on portion 5 of farm Kleinplaas No. 193 (In Process)
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 - Renosterberg Wind Energy Facility (Approved)
 - The Mulilo De Aar 2 South (Pty) Ltd Wind Energy Facility (Operational)
 - 75MW PV SEF on the Remaining Extent of the Farm Vetlaagte 4 (Approved)
 - Scatec Solar Photovoltaic Farms (Approved)
 - Kudu Solar PV Facilities (In Progress)

Scale: 300 000
 Projection: WGS_GCS_1984
 Map Ref: Crossroad Green Energy Cluster



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community