

Crossroads Green Energy Cluster Northern Cape Province

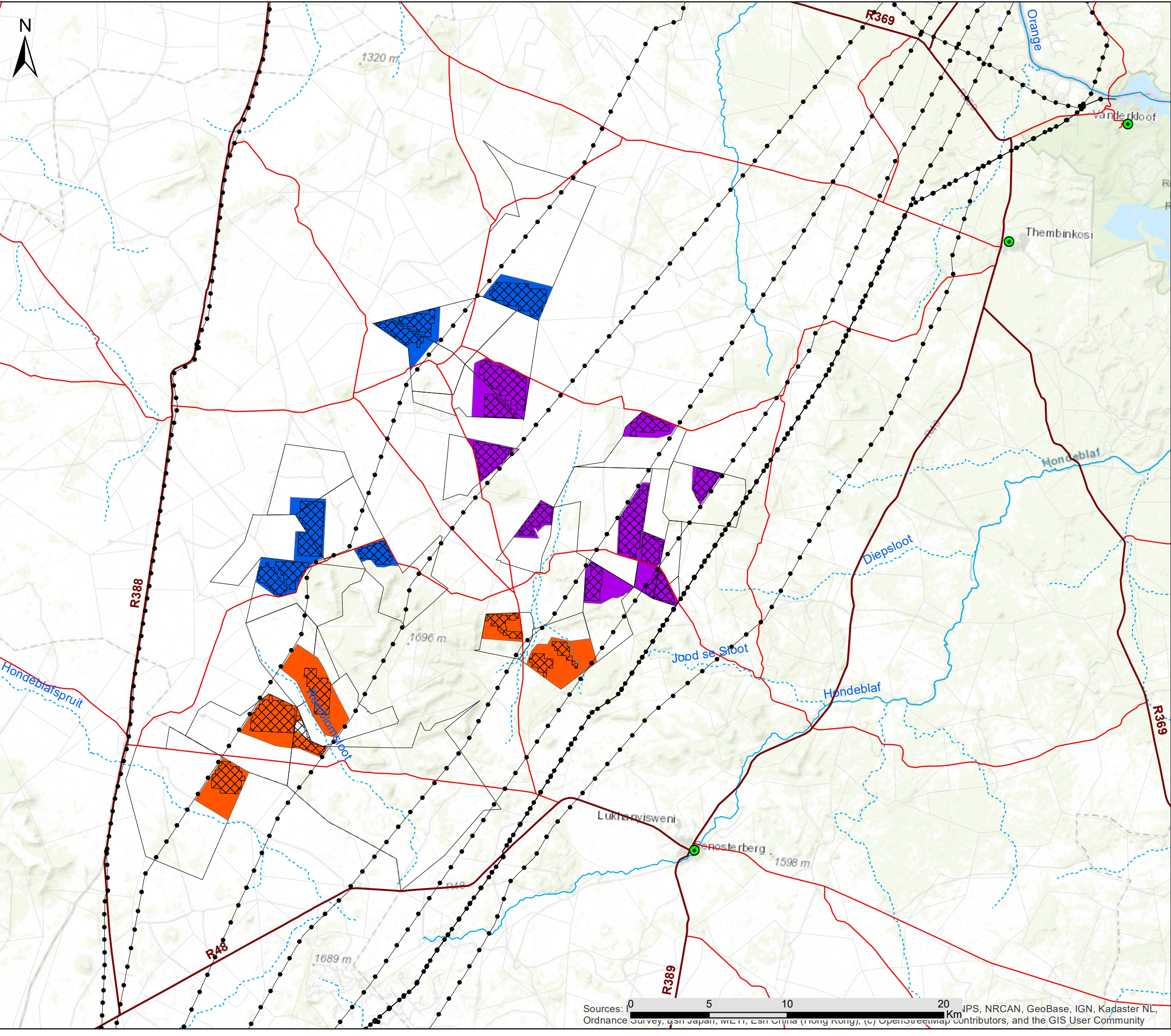
Locality Map

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





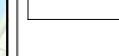



Sources: 0 5 10 20 km
 IPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community




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

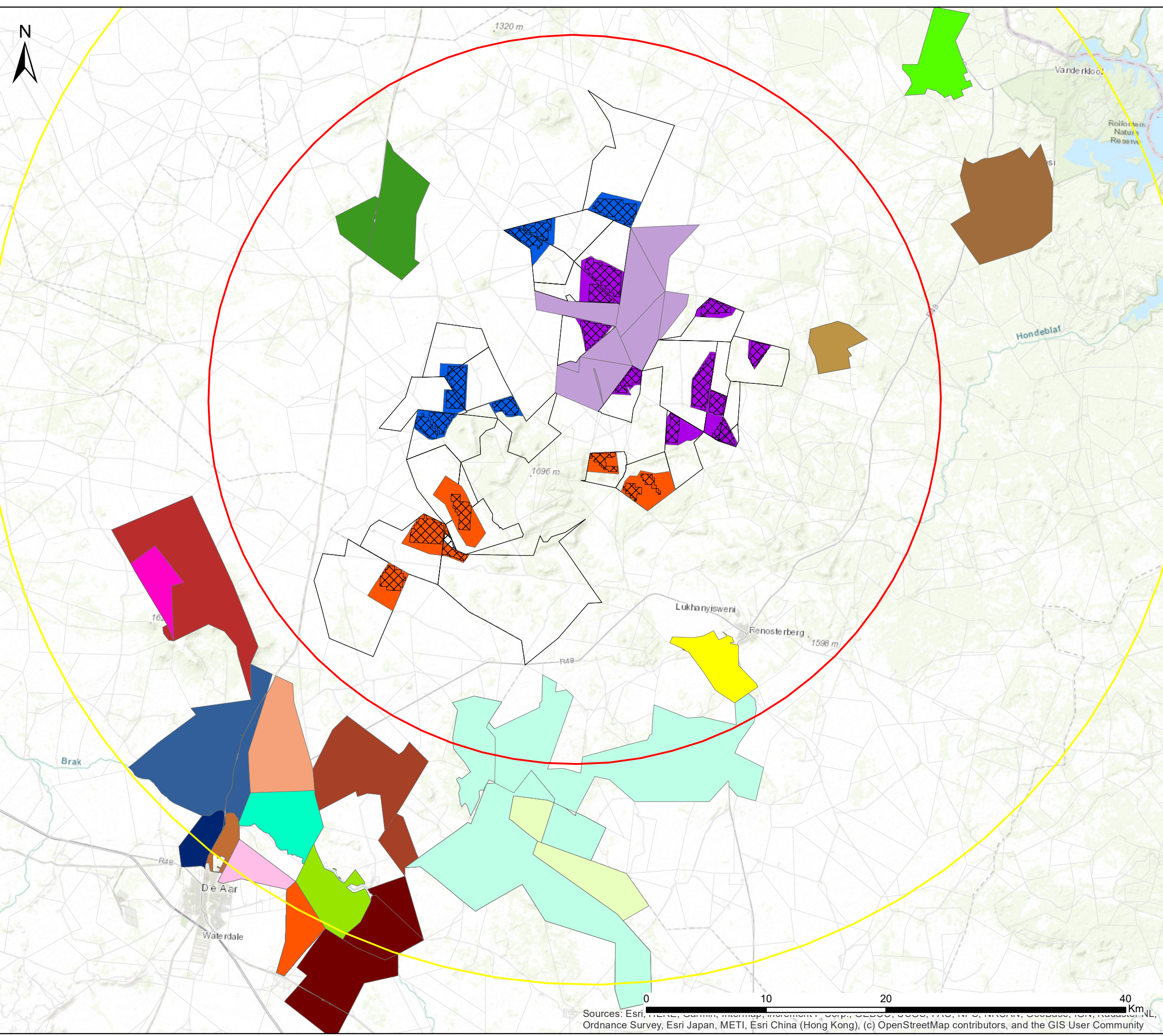
Other Renewable Energy Developments within 50km of the Hydra B Cluster

-  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



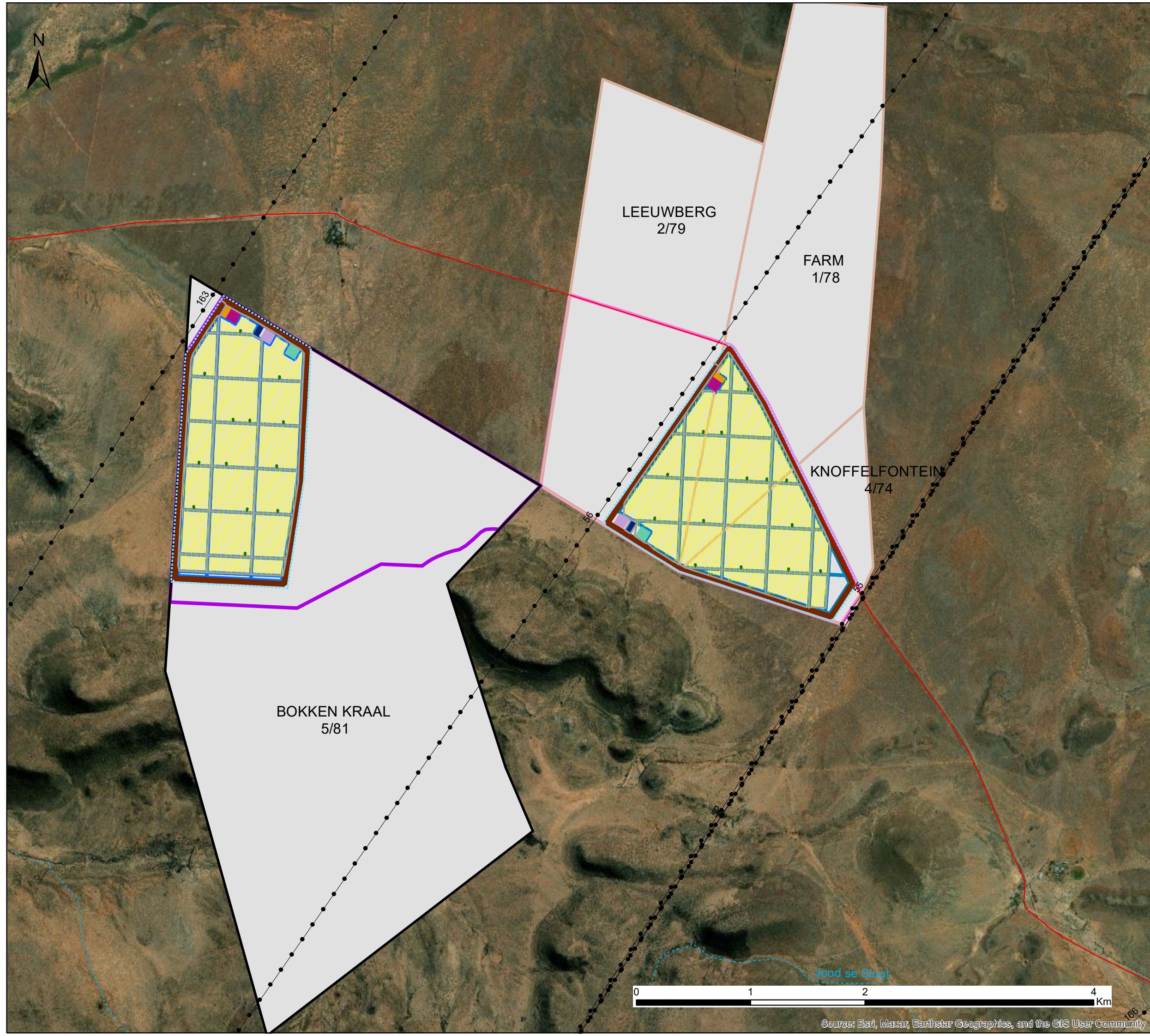
Crossroads Green Energy Ruspoort 1 Solar PV Facility Northern Cape Province

Layout Map

Legend

-  Transmission Lines
-  Distribution Lines
-  Main Road
-  Non-perennial River
-  Perennial River
- Facility Layout**
-  Internal Roads
-  Power Stations
-  Fire Break (50m)
-  Facility Fenceline
-  On-Site Substation
-  BESS
-  Office and Storage
-  Laydwn Area
-  Parking Area
-  Solar PV Arrays
-  Development Footprint - Option A
-  Development Area - Option A
-  Project Site - Option A
-  Development Footprint - Option B
-  Development Area - Option B
-  Project Site - Option B
-  Affected Properties

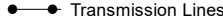

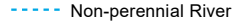
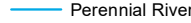

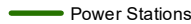

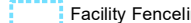


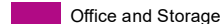
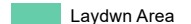







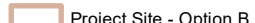


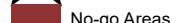


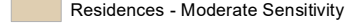



Scale: 30 500
 Projection: WGS_GCS_1984
 Map Ref: Crossroad Green Energy Cluster Ruspoort 1



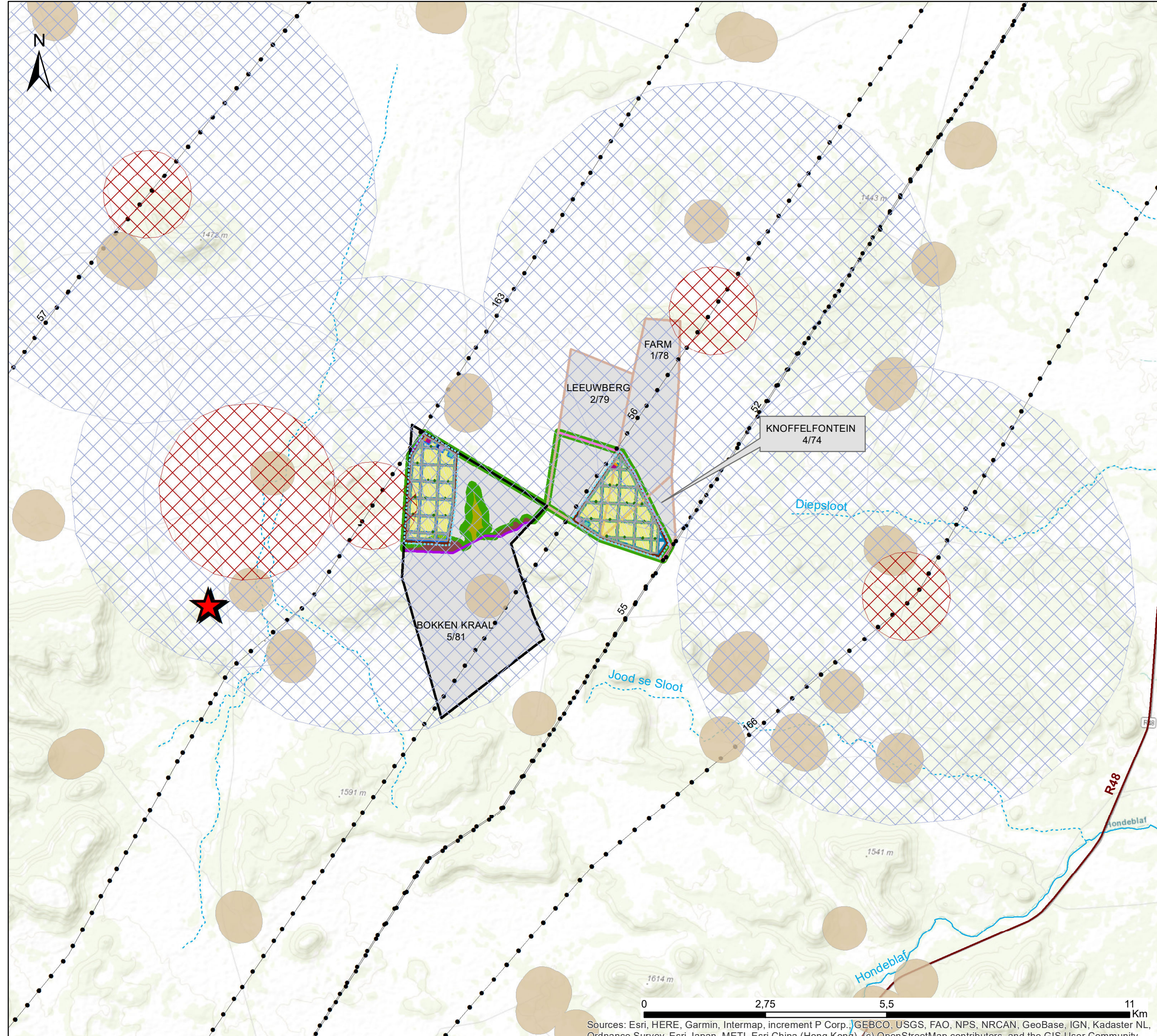
Crossroads Green Energy Ruspoort 1 Solar PV Facility Northern Cape Province

Layout & Sensitivity Map

Legend

-  Transmission Lines
-  Regional Road
-  Non-perennial River
-  Perennial River
- Facility Layout**
-  Internal Roads
-  Power Stations
-  Fire Break (50m)
-  Facility Fenceline
-  On-Site Substation
-  BESS
-  Office and Storage
-  Laydwn Area
-  Parking Area
-  Solar PV Arrays
-  Development Footprint - Option A
-  Development Area - Option A
-  Project Site - Option A
-  Development Footprint - Option B
-  Development Area - Option B
-  Project Site - Option B
-  Affected Properties
- Heritage Sensitivities**
-  Heritage Resources - Moderate Sensitivity
-  No-go Areas
- Avifauna Sensitivities**
-  Nest buffers 2km - No Go areas
-  Nest buffers - Low Sensitivity
- Visual Sensitivities**
-  Residences - Moderate Sensitivity
- Terrestrial Ecology Sensitivities**
-  Karoo Grassland - Medium Sensitivity
-  Drainage features - Medium Sensitivity
-  Koppies Shrubland - High Sensitivity

Scale: 80 000
 Projection: WGS_GCS_1984
 Map Ref: Crossroad Green Energy Cluster Ruspoort 1



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



0 3,5 7 14 Km
 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

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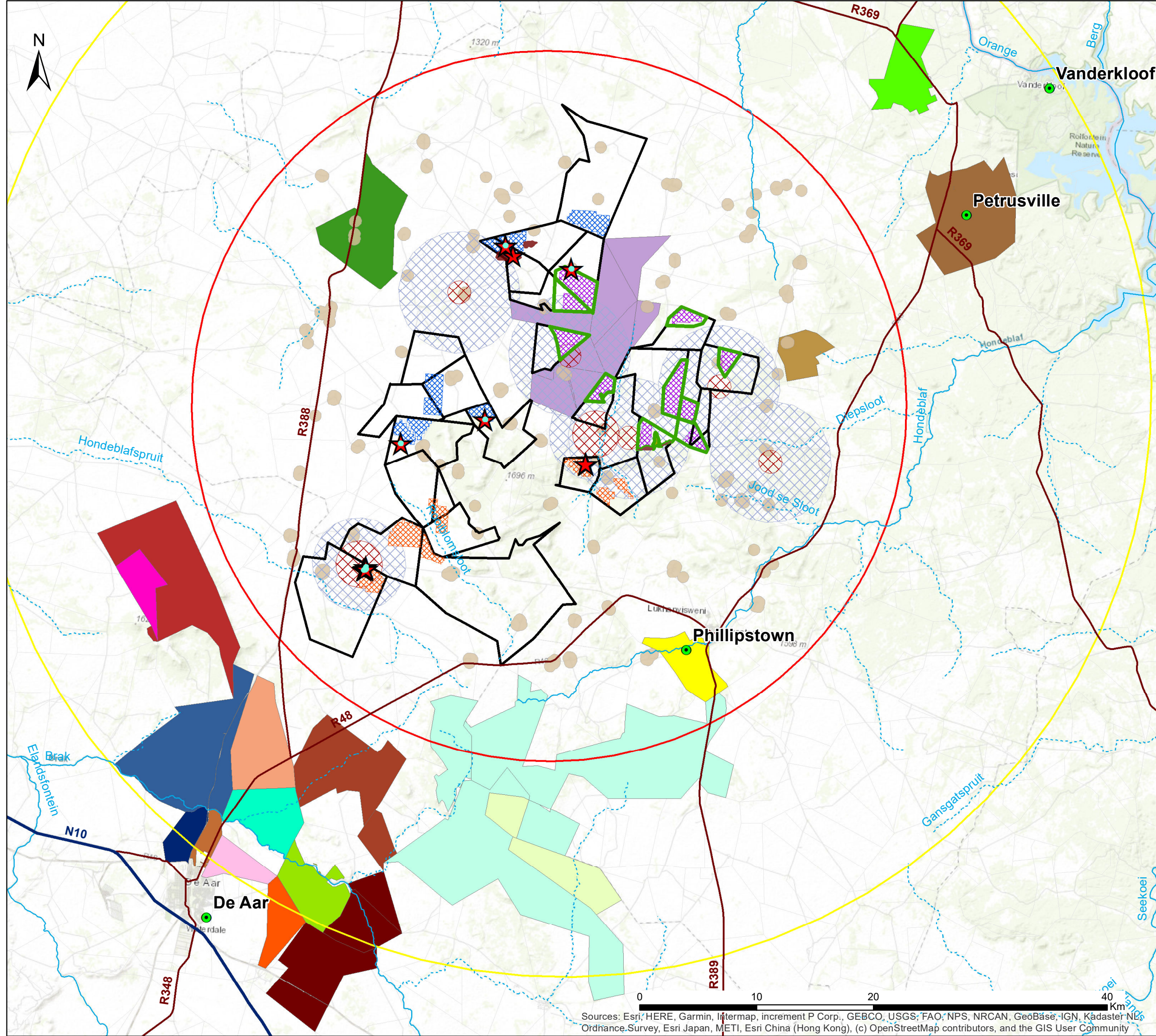
Layout, Sensitivity & Cumulative Map



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)
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Scale: 300 000
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