

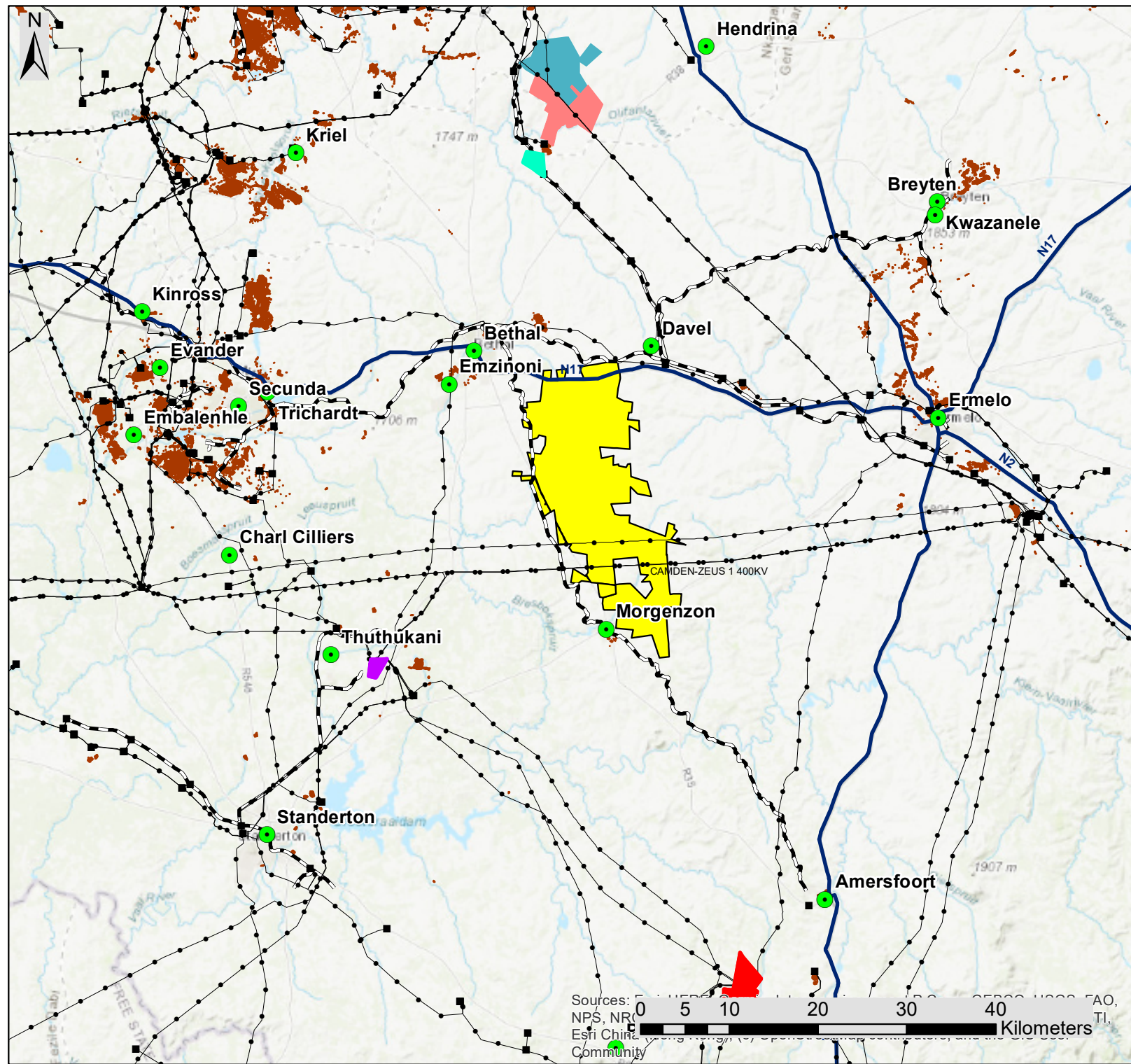
# Umbila Emoyeni Renewable Energy Wind and Solar PV Facilities, Mpumalanga Province

## Cumulative Map

### Legend

- Town
  - Eskom Substation
  - Existing Power lines
  - National Route
  - Mining Areas
  - Project Site
- Other Known Renewable Energy Facilities (based on affected properties):**
- Majuba Solar PV Facility
  - Tutuka Solar PV Facility
  - Forzando North Coal Mine PV Facility
  - 200MW Hendrina South WEF
  - 200MW Hendrina North WEF

Scale: 1:600 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Umbila Cumulative Map



Sources: NPS, NR, Esri, Community

0 5 10 20 30 40 Kilometers

# Umbila Emoyeni Renewable Energy Wind Facility, Mpumalanga Province

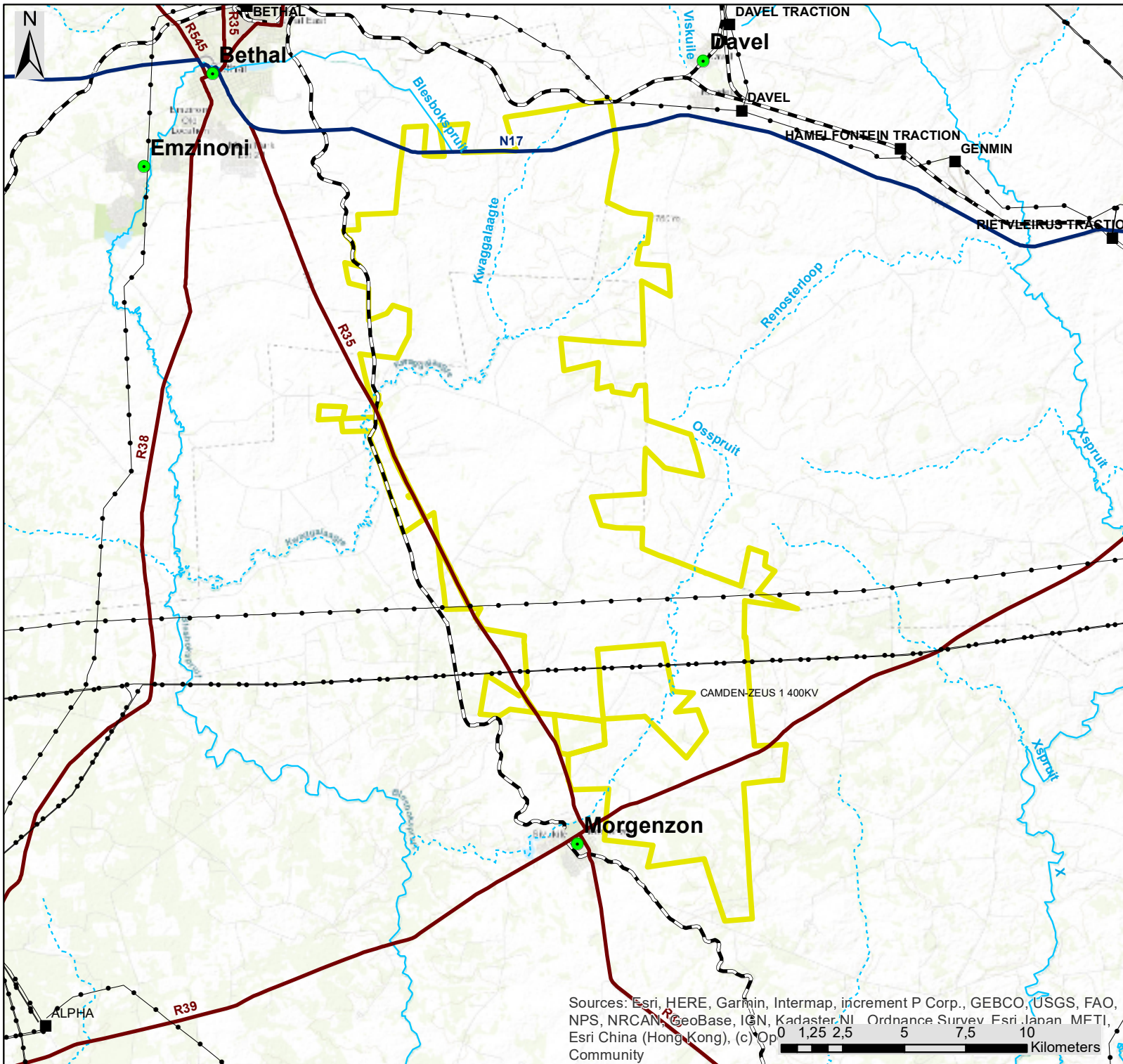
Locality Map

## Legend

- Town
- Eskom Substation
- Existing Power lines
- National Route
- Regional Road
- Perennial River
- - - Non-perennial River
- Proposed Development**
- Project Site

Scale: 1:220 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Umbila Revised Optimised Locality Map

savannah  
environmental













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, Swatch, Mapbox  
 0 1,25 2,5 5 7,5 10 Kilometers

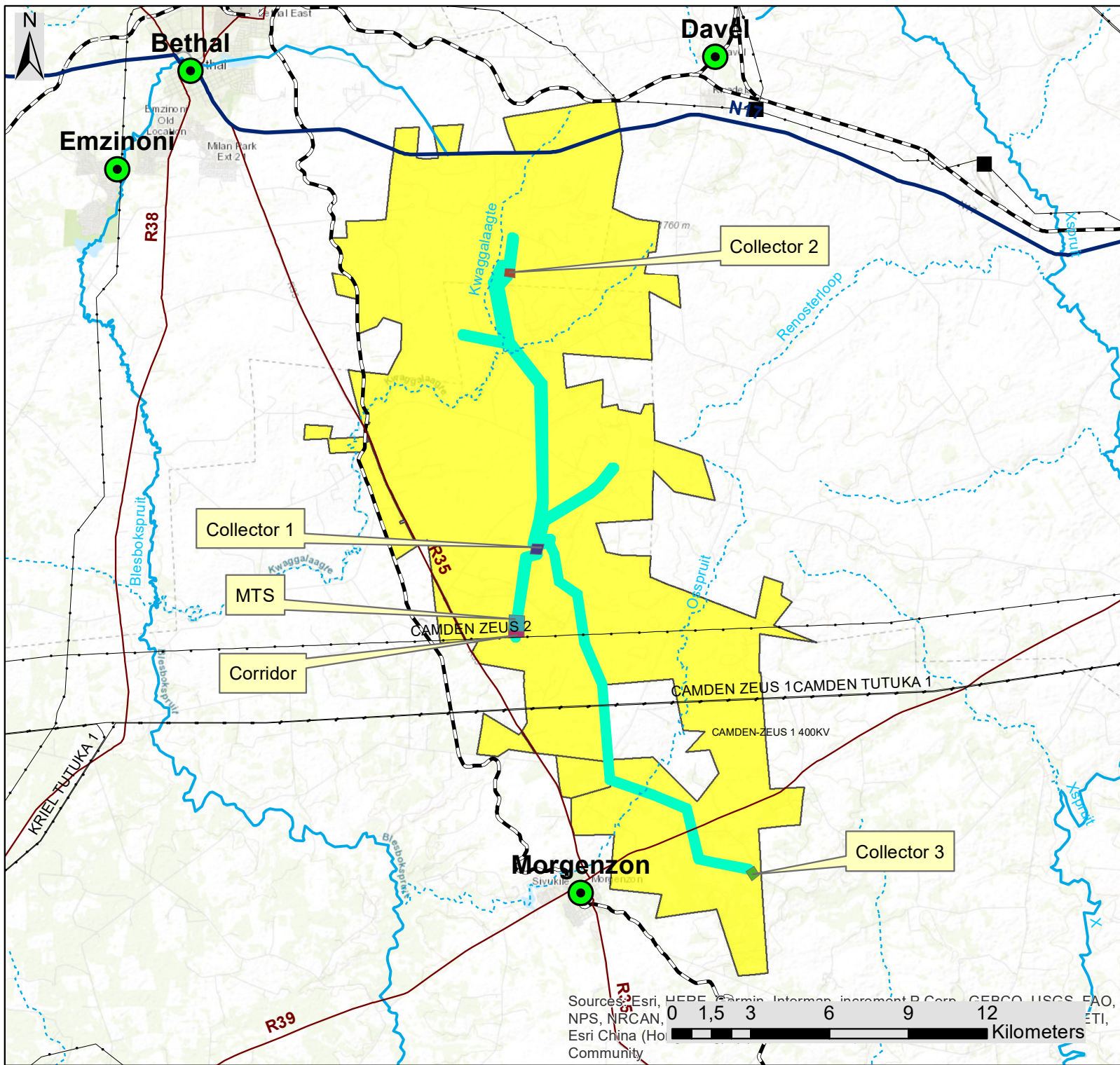
# Umbila Emoyeni Grid Connection, Mpumalanga Province

## Locality Map

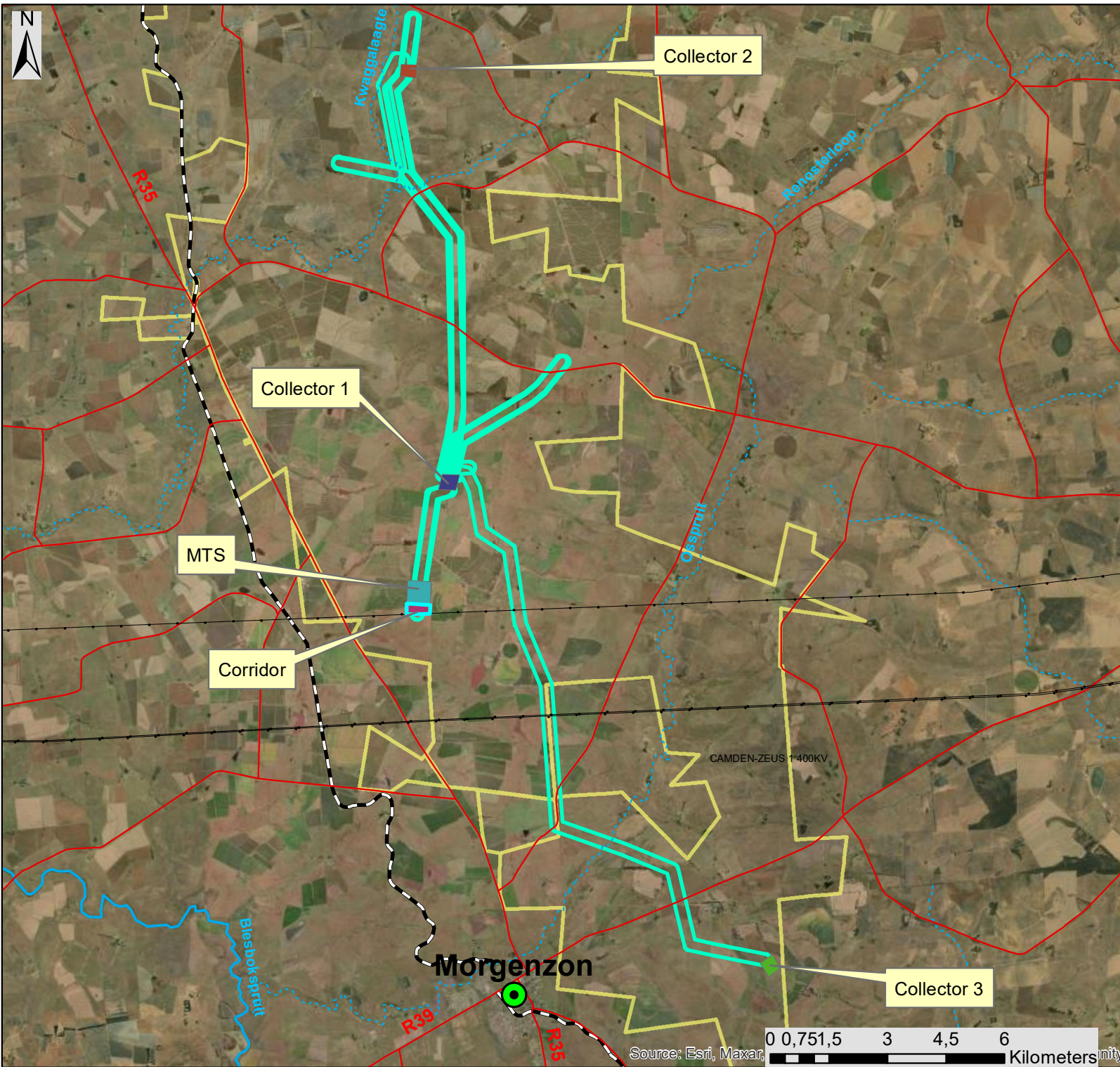
### Legend

-  Town
-  Eskom Substation
-  Existing Power Line
-  National Route
-  Regional Road
-  Railway Line
-  Perennial River
-  Non-perennial River
- Proposed Development**
-  Project Site
-  Grid Connection Corridor (300m)

Scale: 1:200 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Umbila EGI Locality Map



Sources: Esri, HEP, Garmin, Intermat, Incentiv, B Corp, GESCO, USGS, FAO, NPS, NRCAN, 0 1,5 3 6 9 12 Kilometers  
 Esri China (H), Community



# Ummbila Emoyeni Grid Connection Infrastructure, Mpumalanga Province

Layout Map

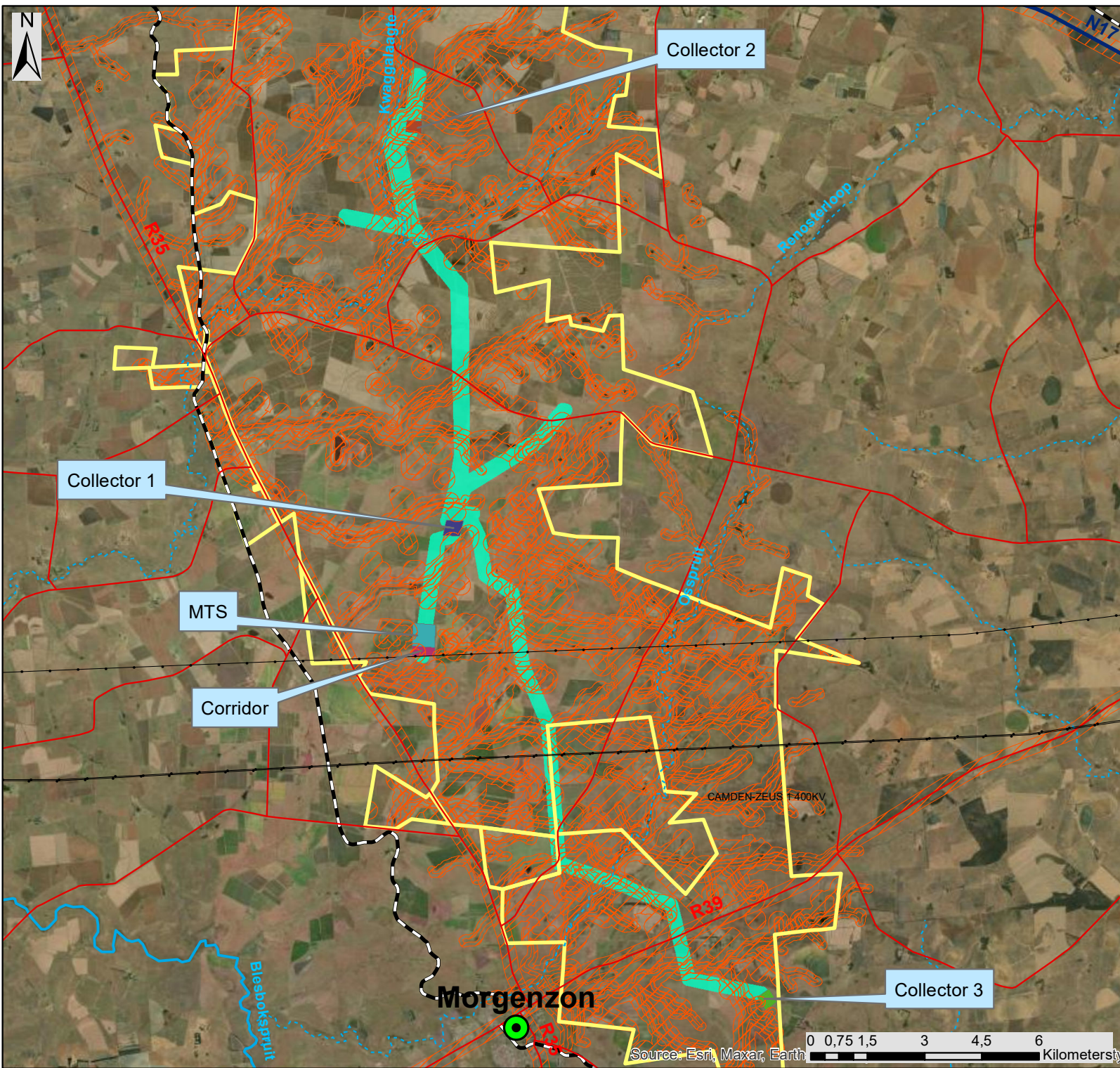
## Legend

-  Town
-  Existing Power Line
-  National Route
-  Main Road
-  Railway Line
-  Perennial River
-  Non-perennial River
- Proposed Development**
-  Project Site
-  Grid Connection Corridor (300m)

Scale: 1:150 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Ummbila Layout Map



Source: Esri, Maxar,  Kilometers



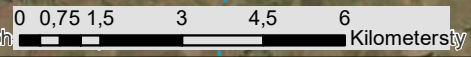
# Umbila Emoyeni Grid Connection Infrastructure, Mpumalanga Province

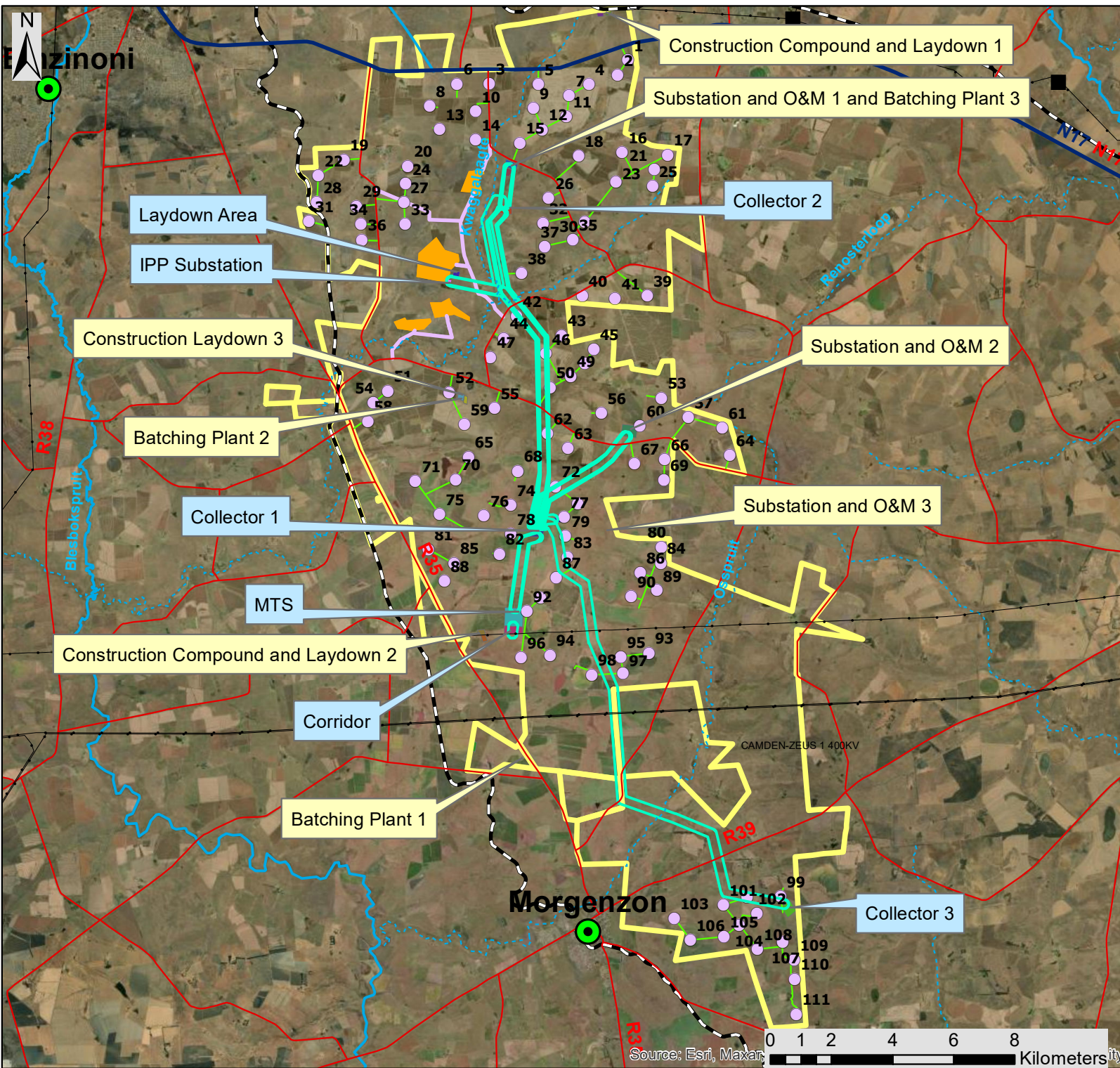
## Sensitivity and Layout Map

### Legend

-  Town
-  Existing Power Line
-  National Route
-  Main Road
-  Railway Line
-  Perennial River
-  Non-perennial River
- Proposed Development**
-  Project Site
-  Grid Connection Corridor (300m)
- Environmental Sensitivities**
-  No-Go Areas

Scale: 1:140 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Umbila Grid Sensitivity and Layout Map





# Ummbila Emoyeni Renewable Energy Solar Facility, Mpumalanga Province

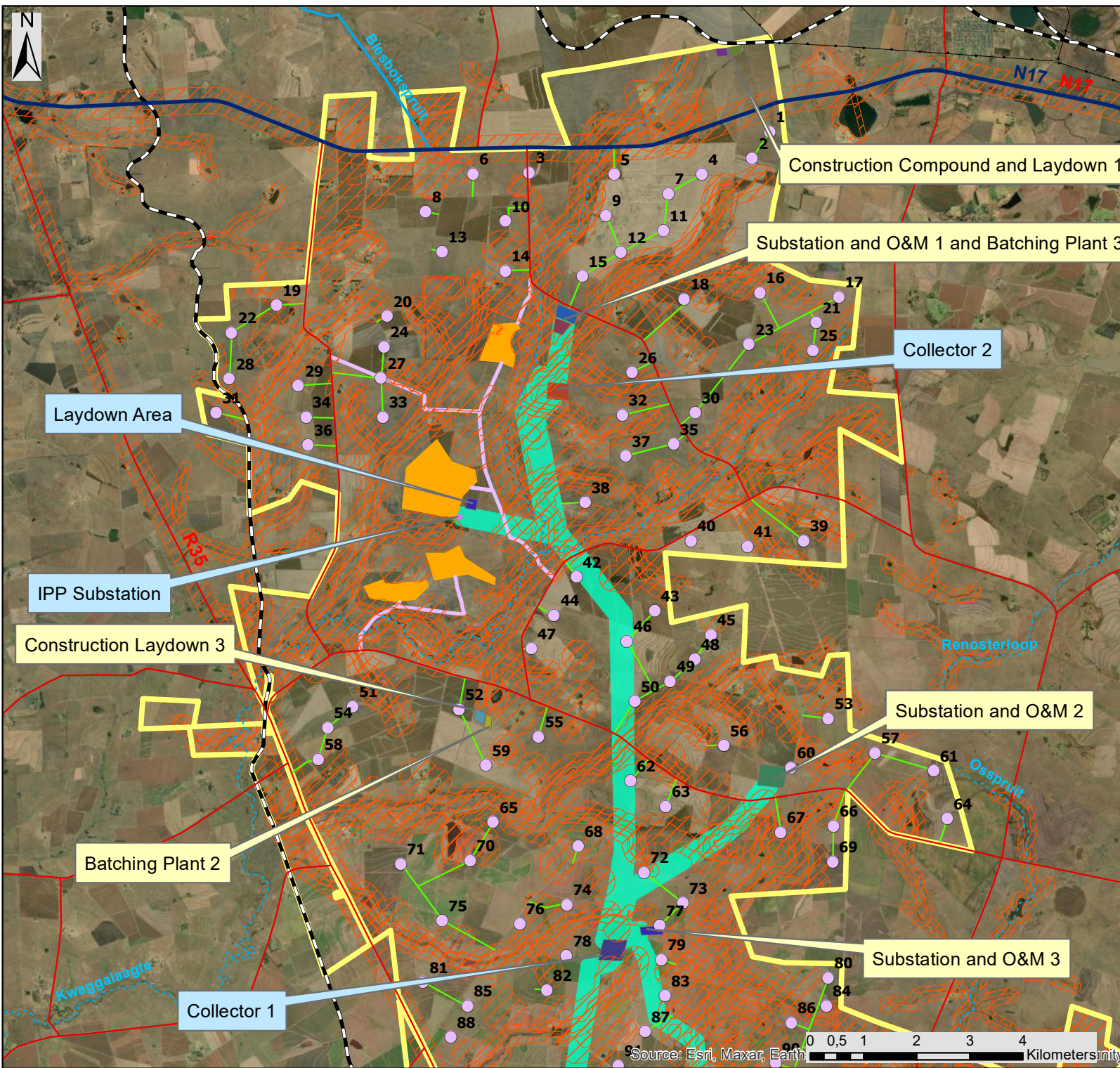
## Layout Map

- Legend**
- Town
  - Eskom Substation
  - Existing Power Line
  - National Route
  - Main Road
  - Railway Line
  - Perennial River
  - Non-perennial River
- Proposed Development**
- Project Site
- SEF Layout**
- Solar PV Facilities
  - Grid Connection Corridor (300m)
  - Access Roads
- WEF Layout**
- Wind Tubines
  - Internal Roads

Scale: 1:150 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Ummbila Layout Map



Source: Esri, Maxar



# Umbila Emoyeni Renewable Energy Facility, Mpumalanga Province

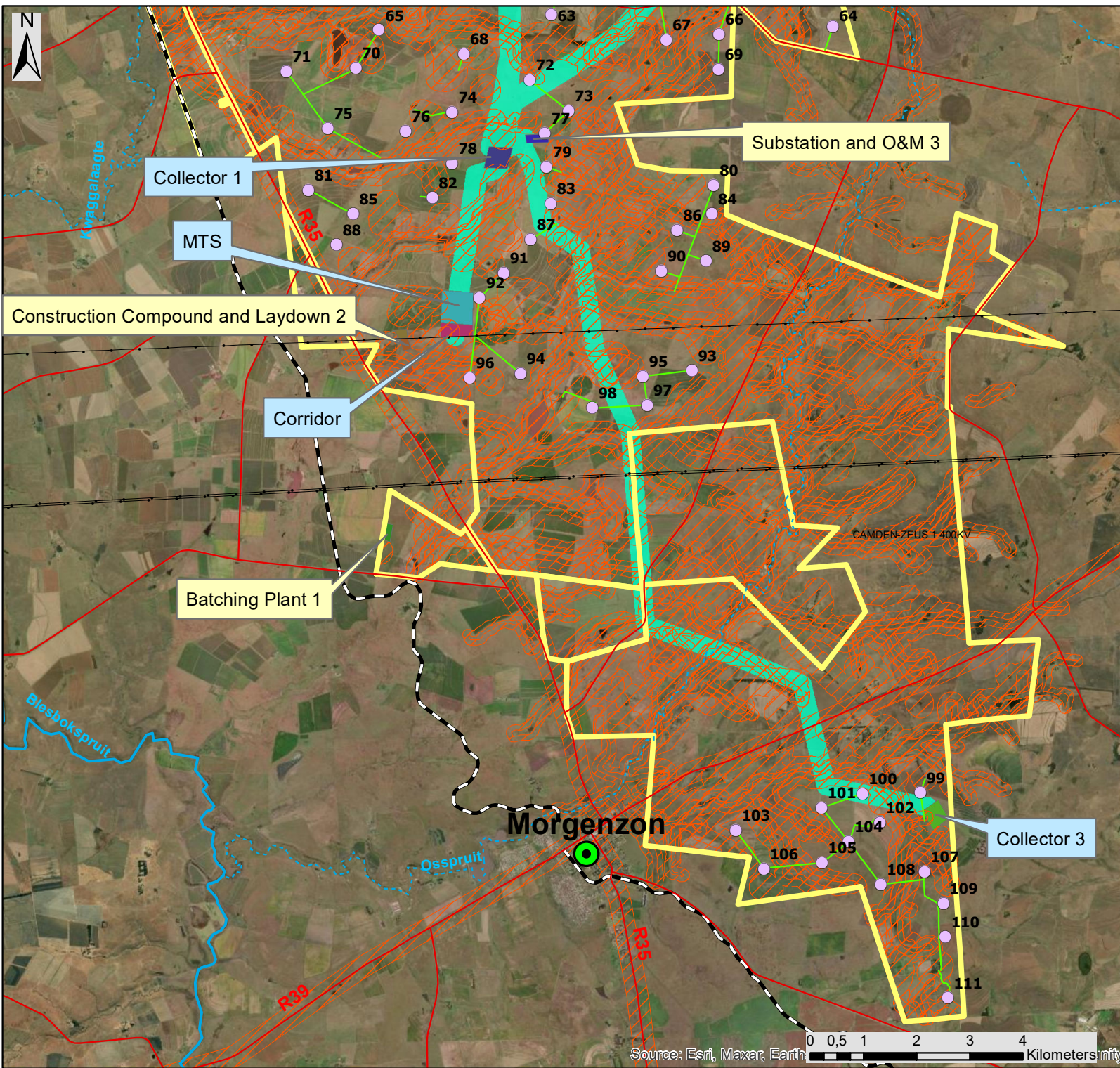
Combined SEF and WEF Sensitivity Map

## Legend

- Town
- Existing Power Line
- National Route
- Main Road
- Railway Line
- Perennial River
- Non-perennial River
- Proposed Development**
- Project Site
- SEF Layout**
- Solar PV Facilities
- Grid Connection Corridor (300m)
- Access Roads
- WEF Layout**
- Wind Tubines
- Internal Roads
- Environmental Sensitivities**
- No-Go Areas

Scale: 1:140 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Umbila Combined Sensitivity and Layout Map





# Ummbila Emoyeni Renewable Energy Facility, Mpumalanga Province

Combined SEF and WEF Sensitivity Map

## Legend

- Town
- Existing Power Line
- National Route
- Main Road
- Railway Line
- Perennial River
- Non-perennial River
- Proposed Development**
- Project Site
- SEF Layout**
- Grid Connection Corridor (300m)
- WEF Layout**
- Wind Turbines
- Internal Roads
- Environmental Sensitivities**
- No-Go Areas

Scale: 1:100 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Ummbila Combined SEF and WEF Sensitivity Map

