

Integrated Biodiversity Assessment Tool

The results of the Disclosure Preparation Report are divided into 2 PDFs. This PDF (2 of 2) provides:

- Further information on sensitive sites ordered by potential priority.
- Map of each of the sensitive sites, Area of Influence (site + buffer) and overlaps with Key Biodiversity Areas (KBAs) and Protected Areas.
- Information on the threat abatement and restoration scores for sensitive sites.

STAGE 2 RESULTS (CONTINUED): DETAILS OF SENSITIVE SITES ORDERED BY POTENTIAL PRIORITY

Site Name: Tumut, Australia Hydropower

- **Site Area:** 0 km²
- **Buffer Distance:** 20 km
- **Type of operation:** Hydropower
- **Sensitive Site:** Yes
- **Country:** Australia
- **Distance to area of high biodiversity value:** 0.73 km
- **Area of ecologically sensitive sites within the Area of Influence:** 680.4 km²

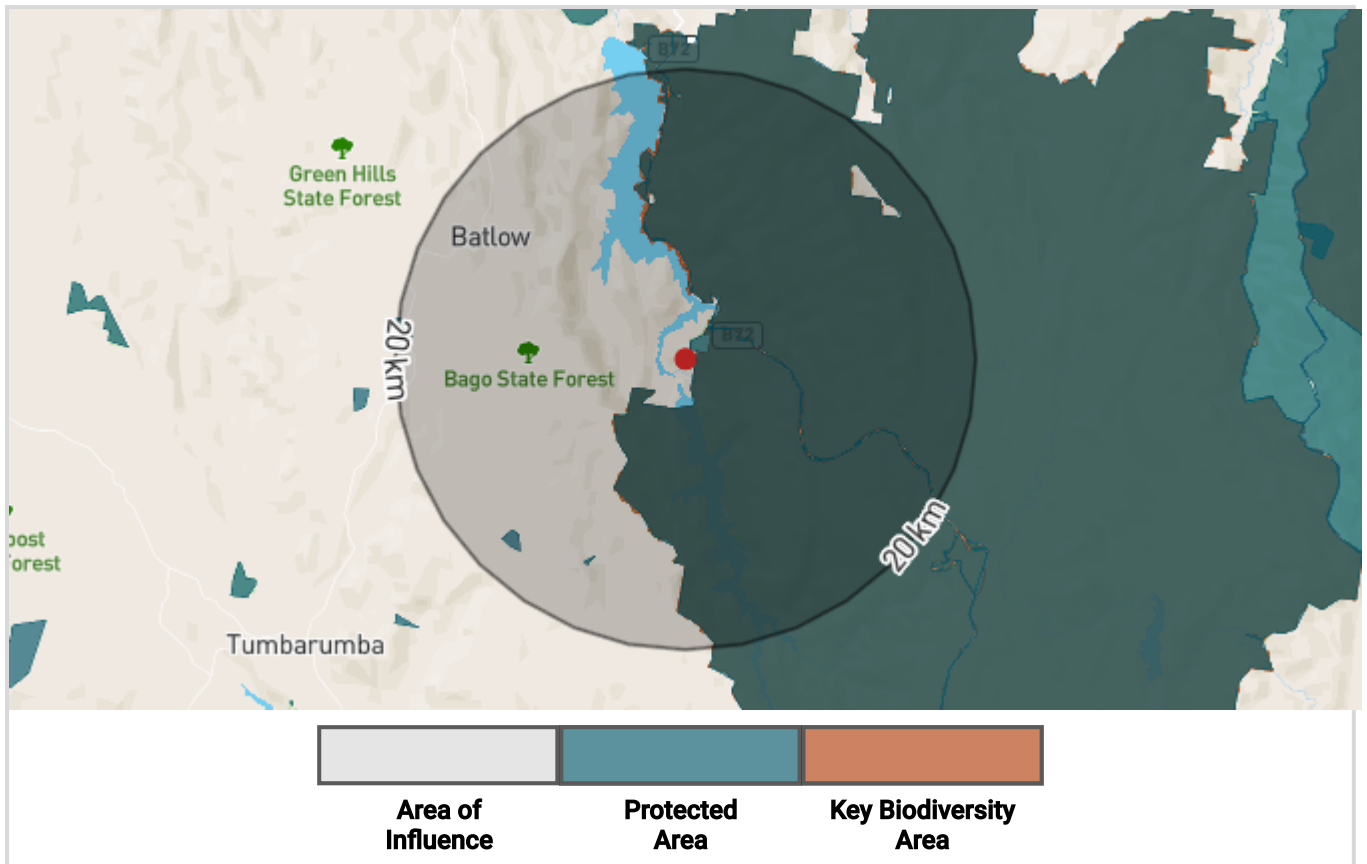


Figure 4. Location of Tumut, Australia Hydropower. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Tumut, Australia Hydropower **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **4** protected areas and **1** KBA within the buffered area.

Tumut, Australia Hydropower **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. Both **STAR_T** and **STAR_R** scores are higher than the threshold value.

Site Name: Brazil Carajás Mine

- **Site Area:** 61 km²
- **Buffer Distance:** 50 km
- **Type of operation:** Mining
- **Sensitive Site:** Yes
- **Country:** Brazil
- **Distance to area of high biodiversity value:** 0.0 km
- **Area of ecologically sensitive sites within the Area of Influence:** 4710.99 km²

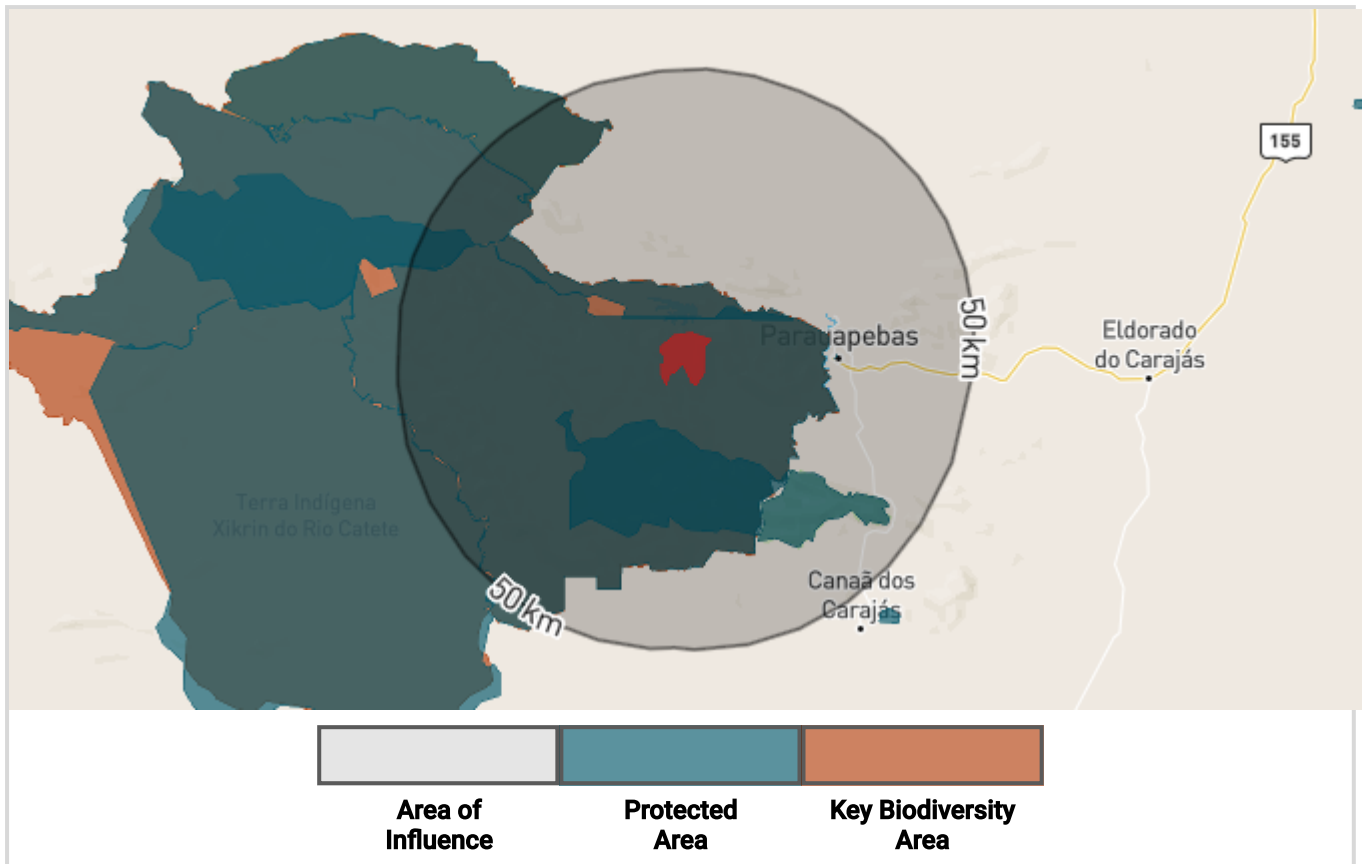


Figure 4. Location of Brazil Carajás Mine. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Brazil Carajás Mine **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **8** protected areas and **1** KBA within the buffered area.

Brazil Carajás Mine **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. Both **STAR_T** and **STAR_R** scores are higher than the threshold value.

Site Name: Viet Nam Se San 3 Hydroelectric Plant

- **Site Area:** 0 km²
- **Buffer Distance:** 20 km
- **Type of operation:** Hydropower
- **Sensitive Site:** Yes
- **Country:** Viet Nam
- **Distance to area of high biodiversity value:** 12.29 km
- **Area of ecologically sensitive sites within the Area of Influence:** 50.01 km²

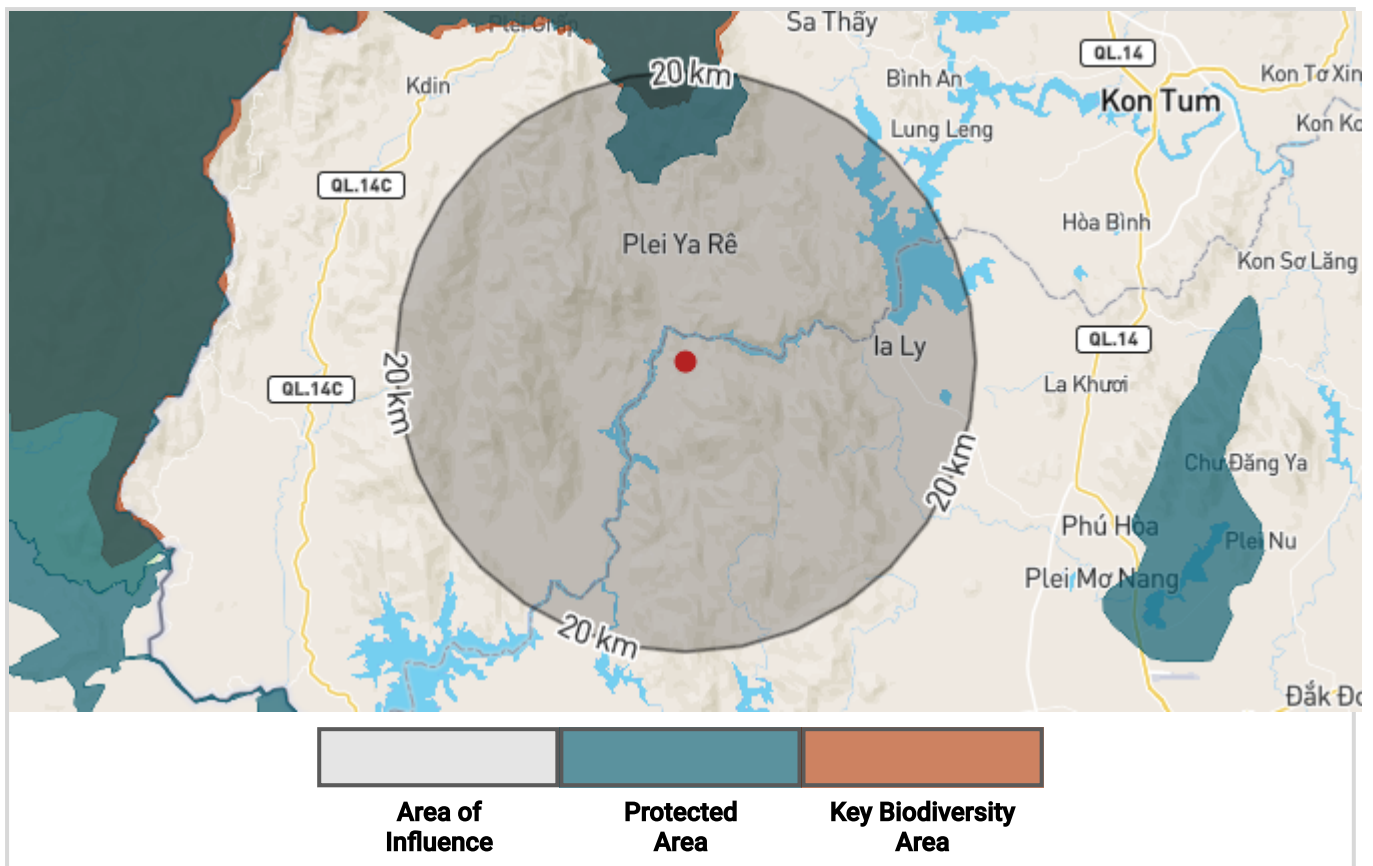


Figure 4. Location of Viet Nam Se San 3 Hydroelectric Plant. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Viet Nam Se San 3 Hydroelectric Plant **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **1** protected areas and **1** KBA within the buffered area.

Viet Nam Se San 3 Hydroelectric Plant **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. Both **STAR_T** and **STAR_R** scores are higher than the threshold value.

Site Name: Vancouver, Canada Office

- **Site Area:** 0 km²
- **Buffer Distance:** 5 km
- **Type of operation:** Offices
- **Sensitive Site:** Yes
- **Country:** Canada
- **Distance to area of high biodiversity value:** 0.0 km
- **Area of ecologically sensitive sites within the Area of Influence:** 30.83 km²

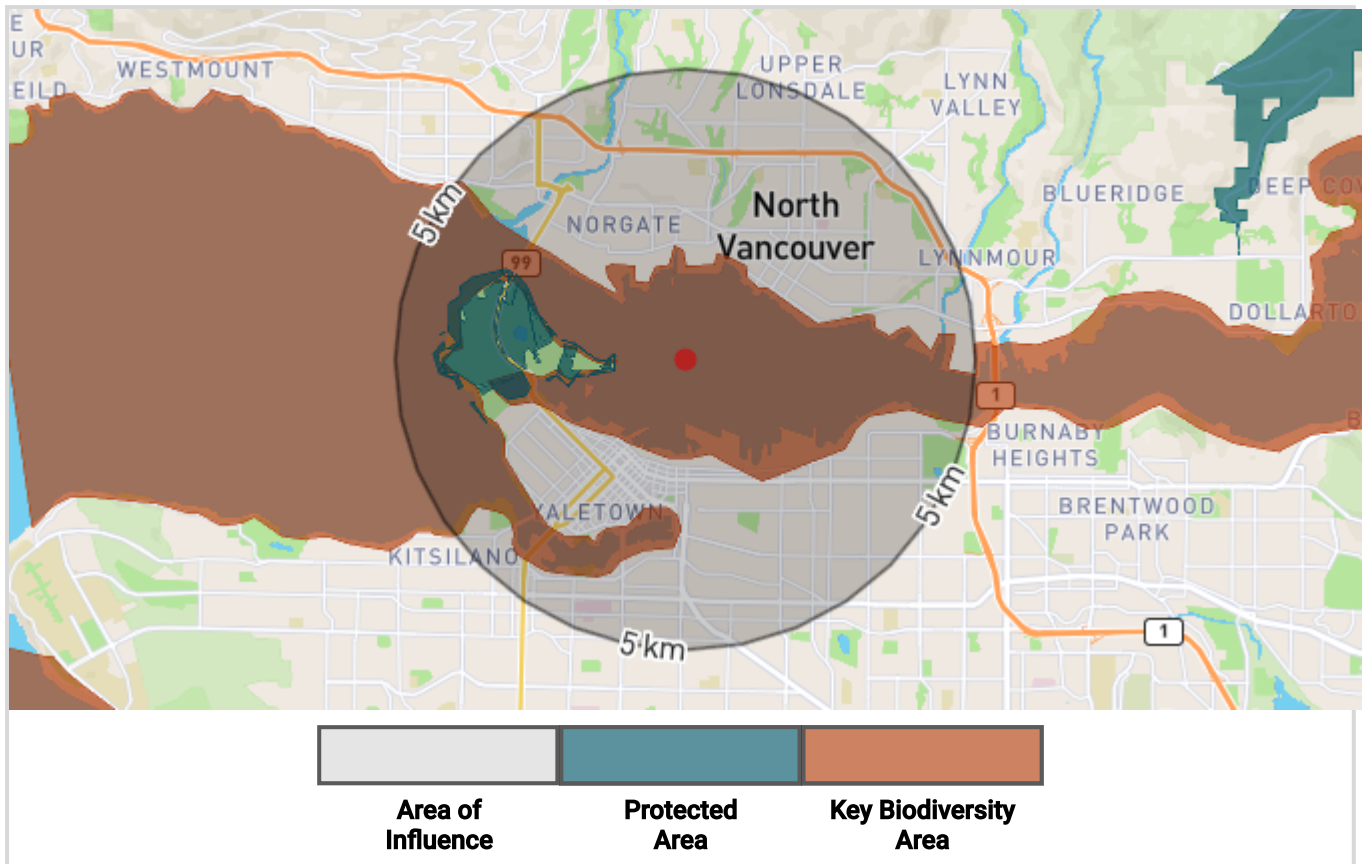


Figure 4. Location of Vancouver, Canada Office. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Vancouver, Canada Office **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **1** protected areas and **1** KBA within the buffered area.

Vancouver, Canada Office **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. The **STAR_R** score is higher than the threshold value.

Site Name: Lephalale, South Africa Grootegeluk Mine

- **Site Area:** 38 km²
- **Buffer Distance:** 50 km
- **Type of operation:** Mining
- **Sensitive Site:** Yes
- **Country:** South Africa
- **Distance to area of high biodiversity value:** 1.27 km
- **Area of ecologically sensitive sites within the Area of Influence:** 2036.98 km²

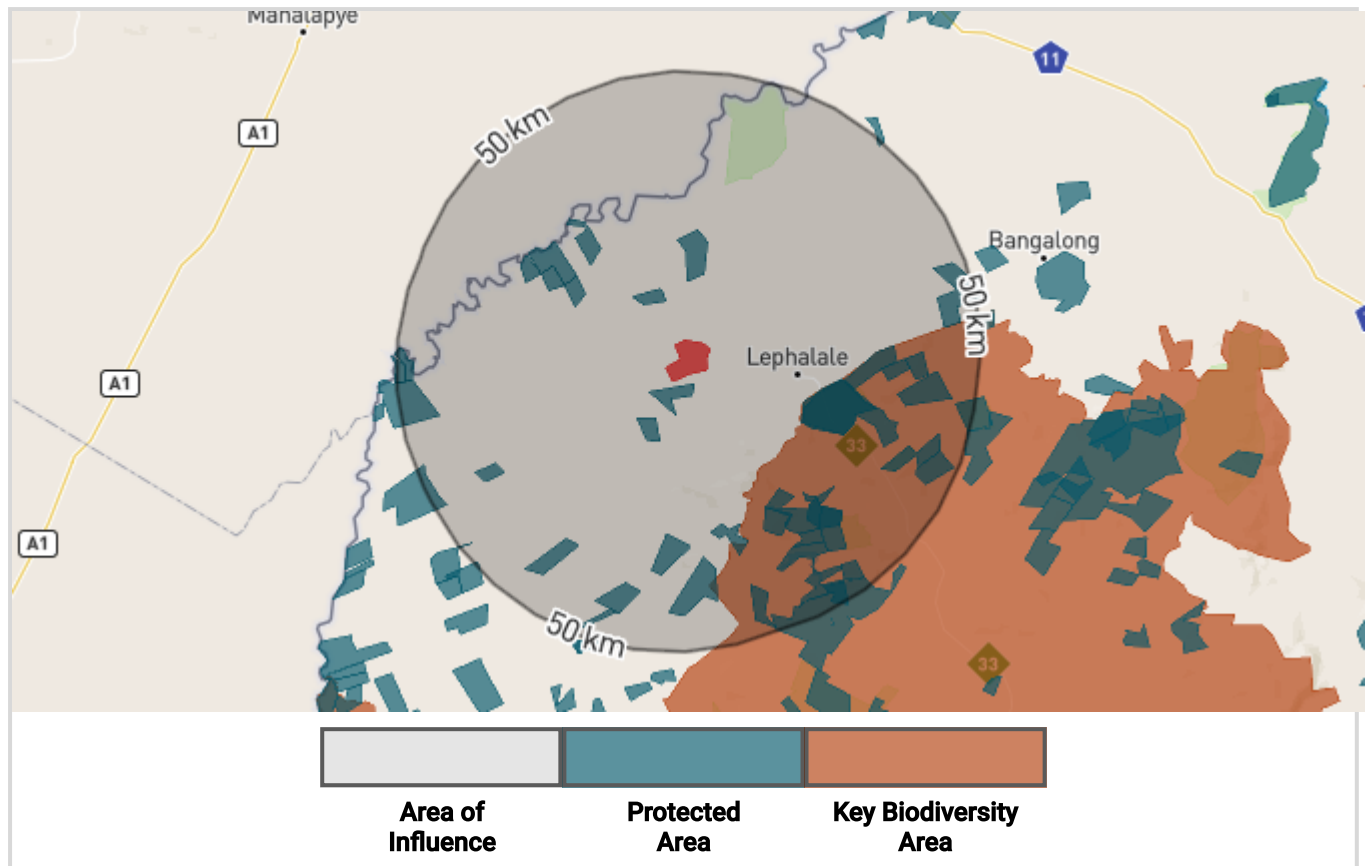


Figure 4. Location of Lephalale, South Africa Grootegeluk Mine. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Lephalale, South Africa Grootegeluk Mine **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **44** protected areas and **1** KBA within the buffered area.

Lephalale, South Africa Grootegeluk Mine **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. The **STAR_T** score is higher than the threshold value.

Site Name: Niigata, Japan Oil & Gas Field

- **Site Area:** 0 km²
- **Buffer Distance:** 20 km
- **Type of operation:** Marine Oil and gas
- **Sensitive Site:** Yes
- **Country:** Japan
- **Distance to area of high biodiversity value:** 3.68 km
- **Area of ecologically sensitive sites within the Area of Influence:** 622.98 km²

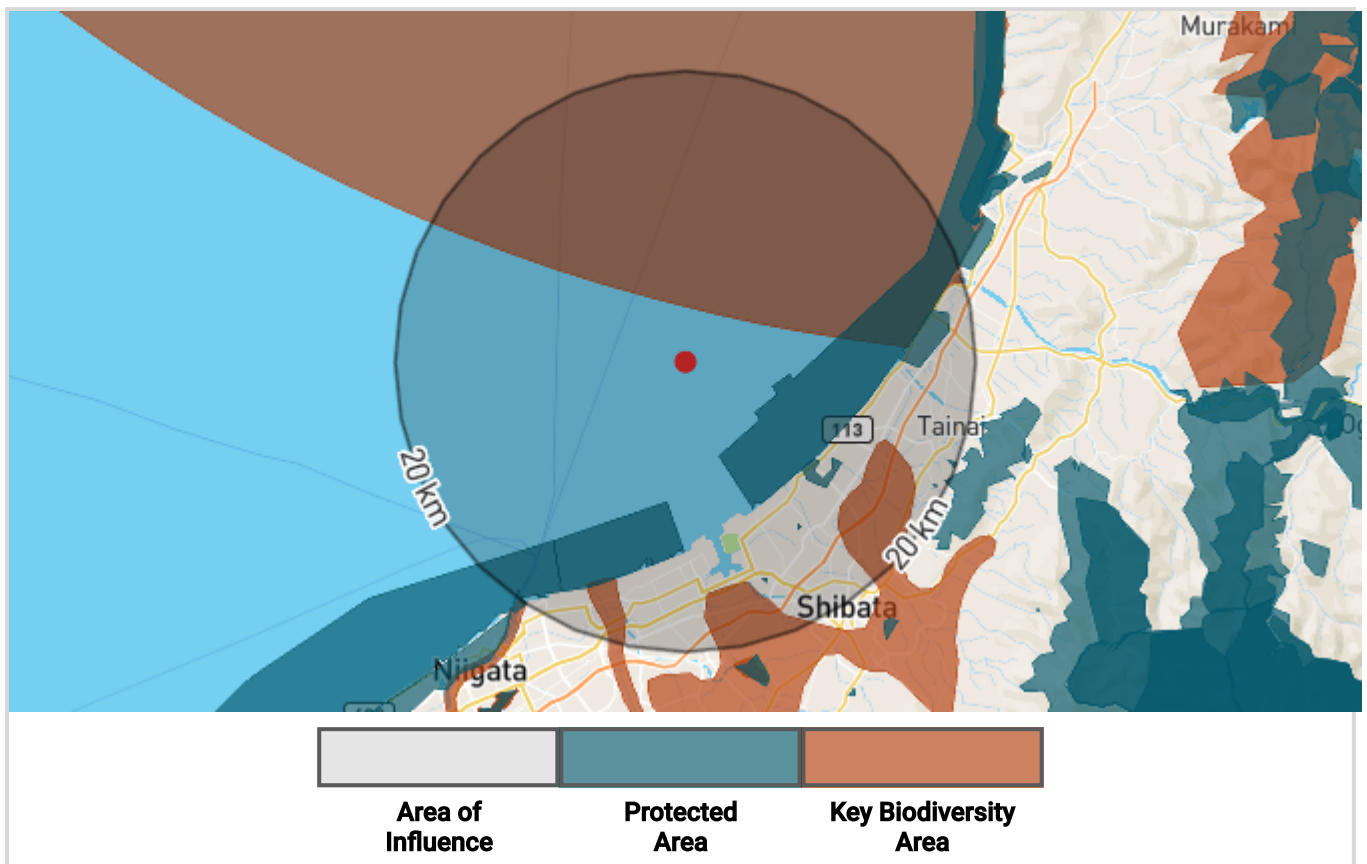


Figure 4. Location of Niigata, Japan Oil & Gas Field. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Niigata, Japan Oil & Gas Field **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **10** protected areas and **4** KBAs within the buffered area.

Niigata, Japan Oil & Gas Field is not identified as a sensitive site for areas of biodiversity and conservation importance in relation to potential of species' extinction risk as the STAR scores for threat abatement and restoration are not above the threshold (global median/80th percentile)

Site Name: Heidenrod, Germany Wind Farm

- **Site Area:** 2 km²
- **Buffer Distance:** 10 km
- **Type of operation:** Onshore wind
- **Sensitive Site:** Yes
- **Country:** Germany
- **Distance to area of high biodiversity value:** 0.51 km
- **Area of ecologically sensitive sites within the Area of Influence:** 61.53 km²

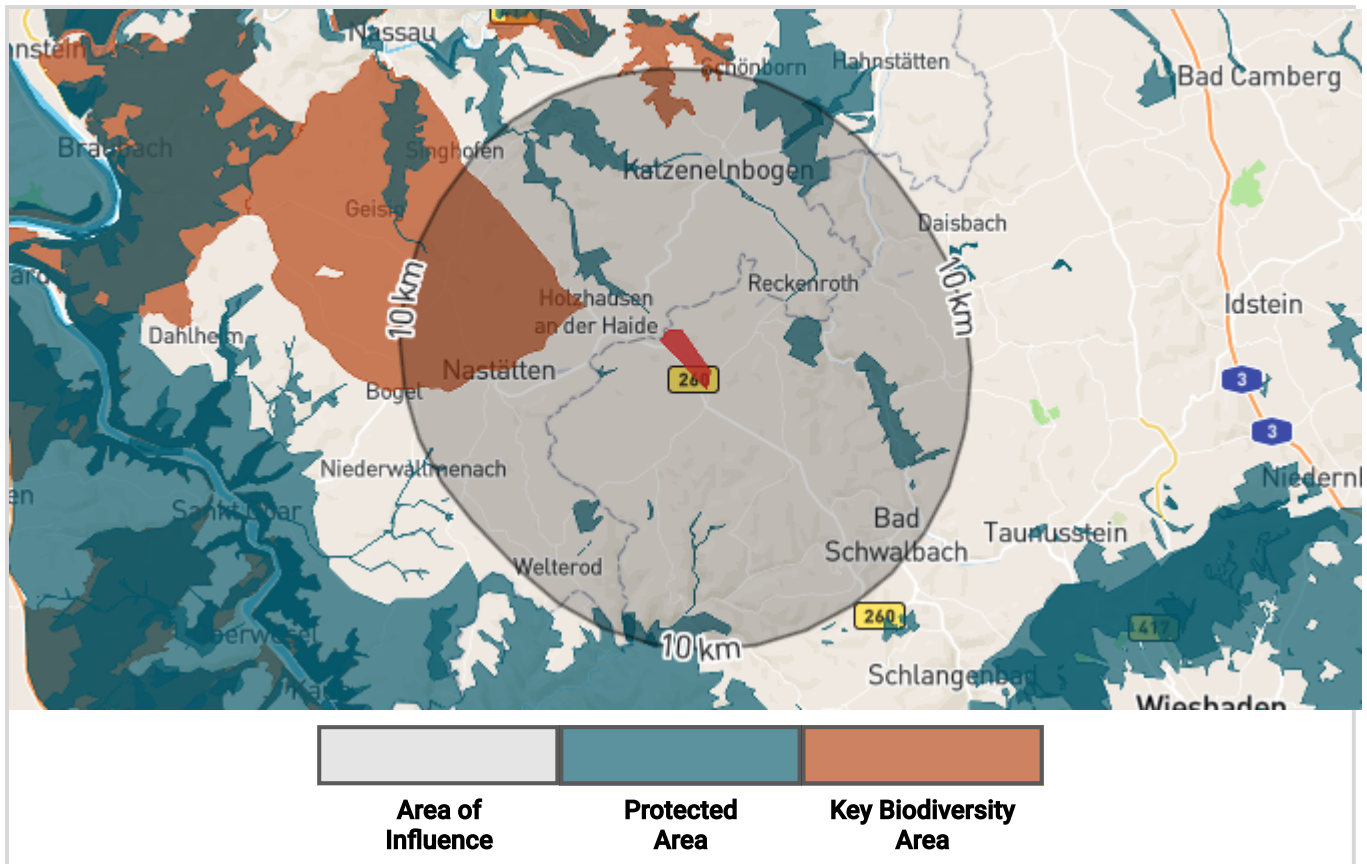


Figure 4. Location of Heidenrod, Germany Wind Farm. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Heidenrod, Germany Wind Farm **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **15** protected areas and **2** KBAs within the buffered area.

Heidenrod, Germany Wind Farm is not identified as a sensitive site for areas of biodiversity and conservation importance in relation to potential of species' extinction risk as the STAR scores for threat abatement and restoration are not above the threshold (global median/80th percentile)

Site Name: Florida, US, Innovation Center

- **Site Area:** 0 km²
- **Buffer Distance:** 5 km
- **Type of operation:** Warehouses
- **Sensitive Site:** Yes
- **Country:** United States of America
- **Distance to area of high biodiversity value:** 0.67 km
- **Area of ecologically sensitive sites within the Area of Influence:** 15.45 km²

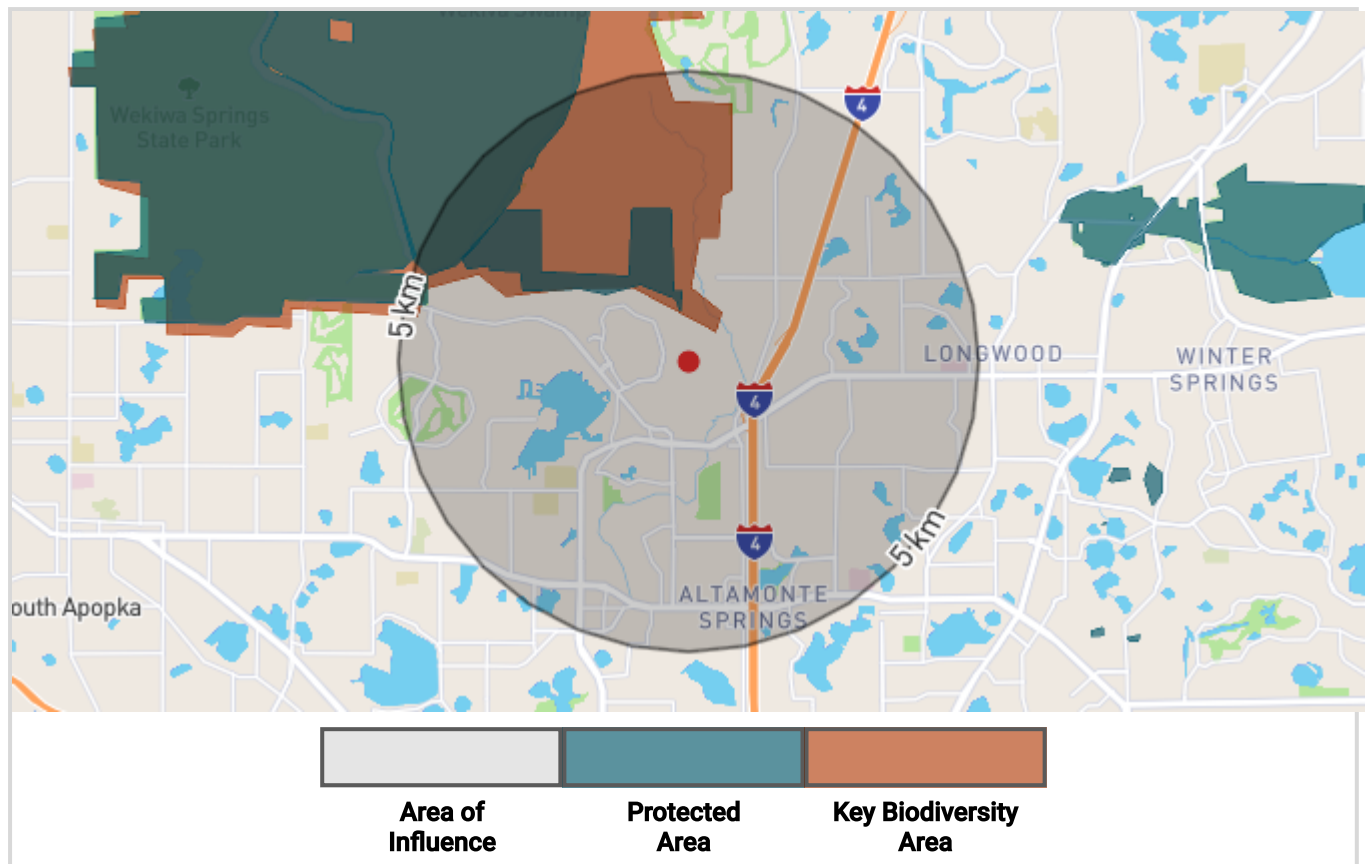


Figure 4. Location of Florida, US, Innovation Center. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Florida, US, Innovation Center **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **3** protected areas and **1** KBA within the buffered area.

Florida, US, Innovation Center **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. Both **STAR_T** and **STAR_R** scores are higher than the threshold value.

Site Name: Dubai, UAE O&G Field

- **Site Area:** 0 km²
- **Buffer Distance:** 10 km
- **Type of operation:** Terrestrial Oil and gas
- **Sensitive Site:** Yes
- **Country:** United Arab Emirates
- **Distance to area of high biodiversity value:** 6.03 km
- **Area of ecologically sensitive sites within the Area of Influence:** 9.93 km²

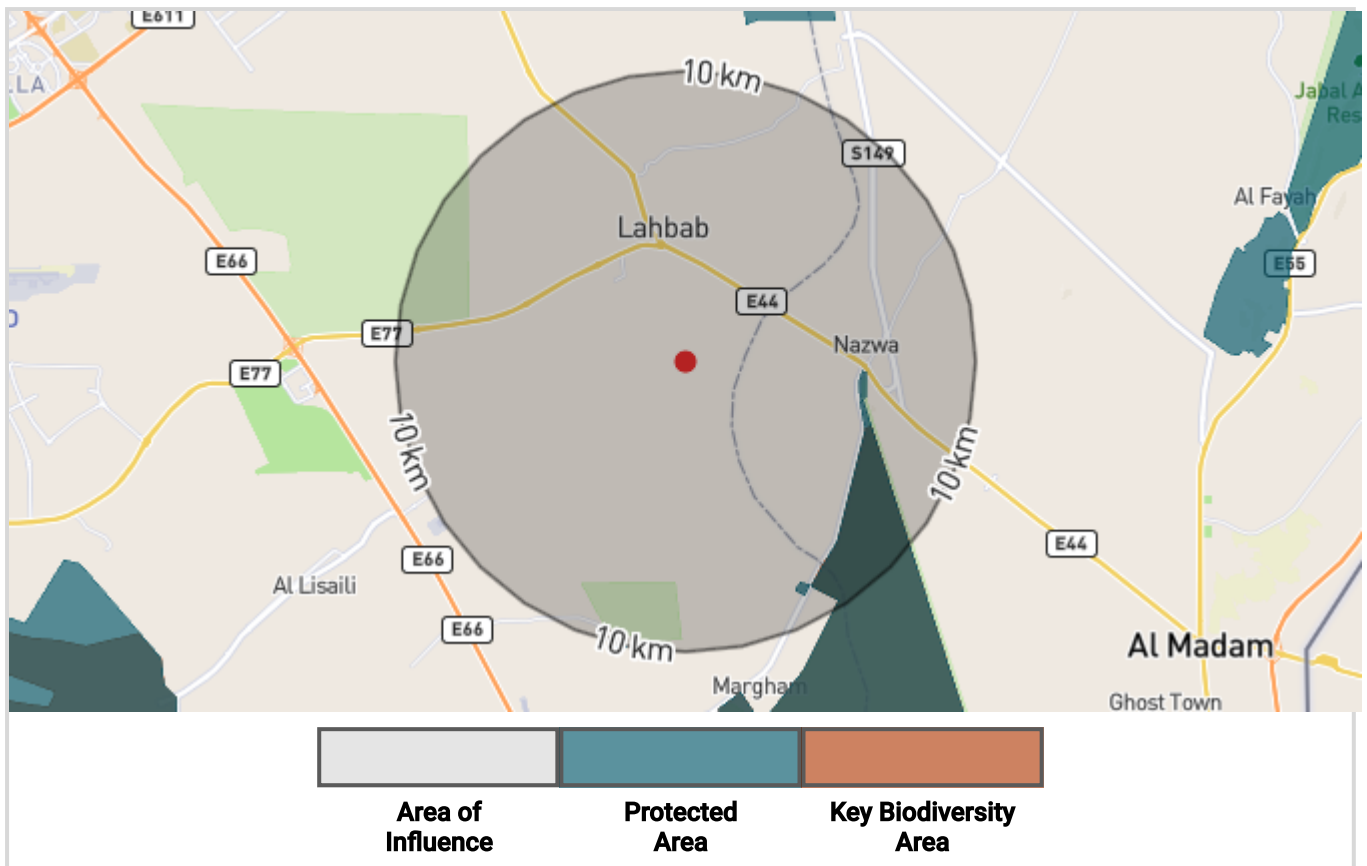


Figure 4. Location of Dubai, UAE O&G Field. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Dubai, UAE O&G Field **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **3** protected areas and **1** KBA within the buffered area.

Dubai, UAE O&G Field is not identified as a sensitive site for areas of biodiversity and conservation importance in relation to potential of species' extinction risk as the STAR scores for threat abatement and restoration are not above the threshold (global median/80th percentile)

Site Name: Ningxia, China Tengger Desert Solar Park

- **Site Area:** 56 km²
- **Buffer Distance:** 20 km
- **Type of operation:** Other
- **Sensitive Site:** Yes
- **Country:** China
- **Distance to area of high biodiversity value:** 0.0 km
- **Area of ecologically sensitive sites within the Area of Influence:** 435.45 km²

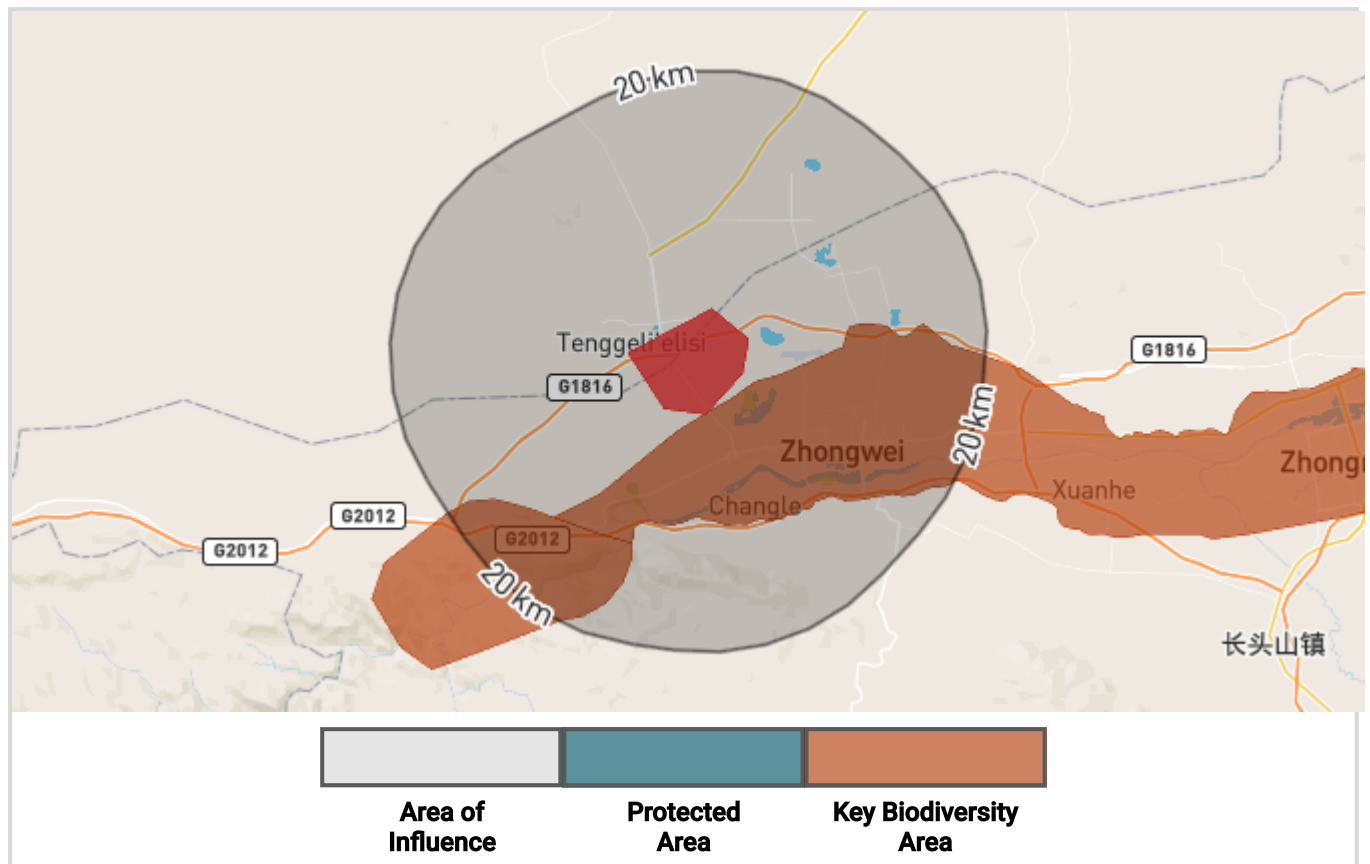


Figure 4. Location of Ningxia, China Tengger Desert Solar Park. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Ningxia, China Tengger Desert Solar Park **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **0** protected areas and **2** KBAs within the buffered area.

Ningxia, China Tengger Desert Solar Park **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. Both **STAR_T** and **STAR_R** scores are higher than the threshold value.

Site Name: Sandakan, Malaysia Palm Oil

- **Site Area:** 28 km²
- **Buffer Distance:** 10 km
- **Type of operation:** High-input agriculture
- **Sensitive Site:** Yes
- **Country:** Malaysia
- **Distance to area of high biodiversity value:** 0.0 km
- **Area of ecologically sensitive sites within the Area of Influence:** 44.84 km²

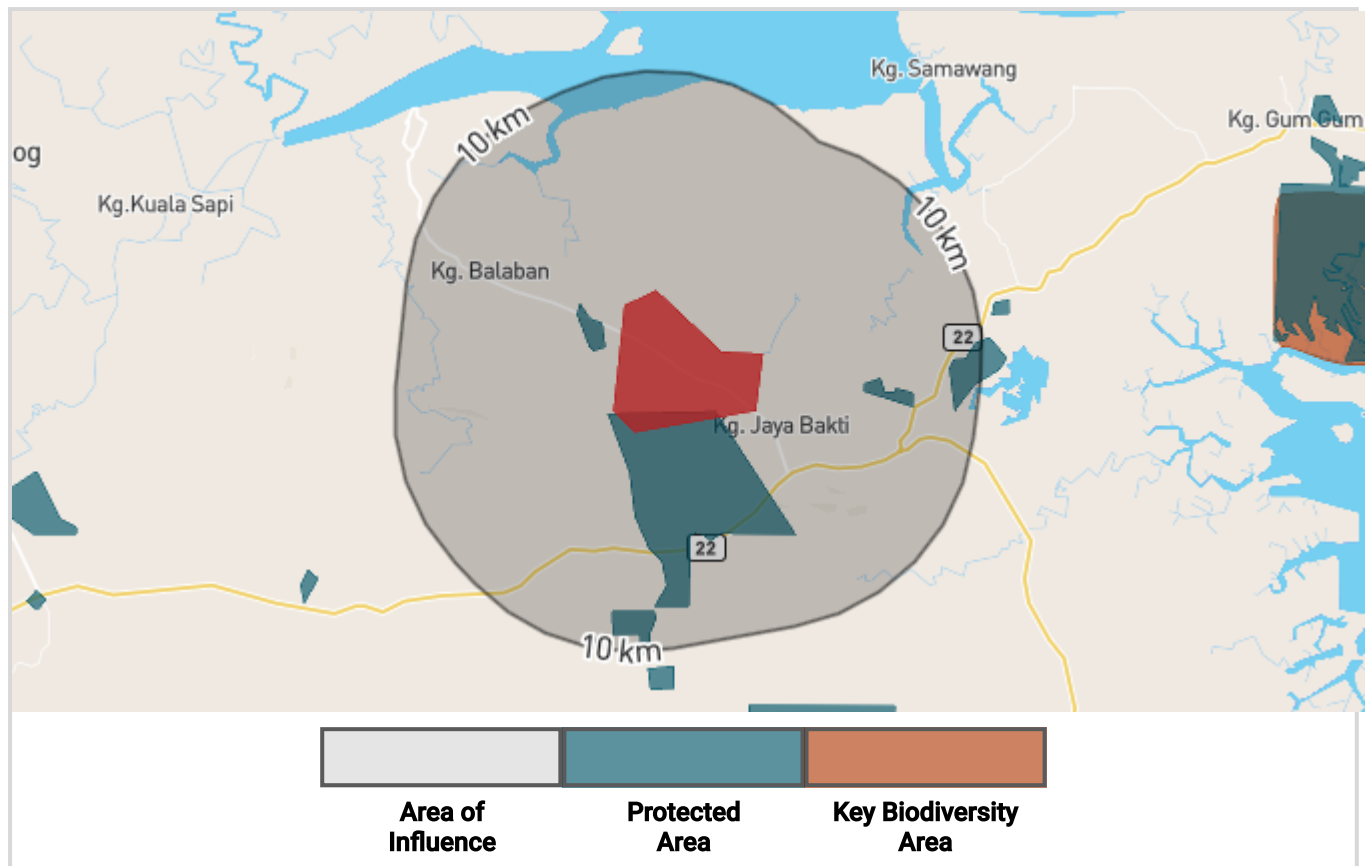


Figure 4. Location of Sandakan, Malaysia Palm Oil. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Sandakan, Malaysia Palm Oil **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **3** protected areas and **0** KBAs within the buffered area.

Sandakan, Malaysia Palm Oil **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. Both **STAR_T** and **STAR_R** scores are higher than the threshold value.

Site Name: Sierra Leone Agri Research Centre

- **Site Area:** 0 km²
- **Buffer Distance:** 5 km
- **Type of operation:** Low-input agriculture
- **Sensitive Site:** Yes
- **Country:** Sierra Leone
- **Distance to area of high biodiversity value:** Not applicable
- **Area of ecologically sensitive sites within the Area of Influence:** 0.0 km²

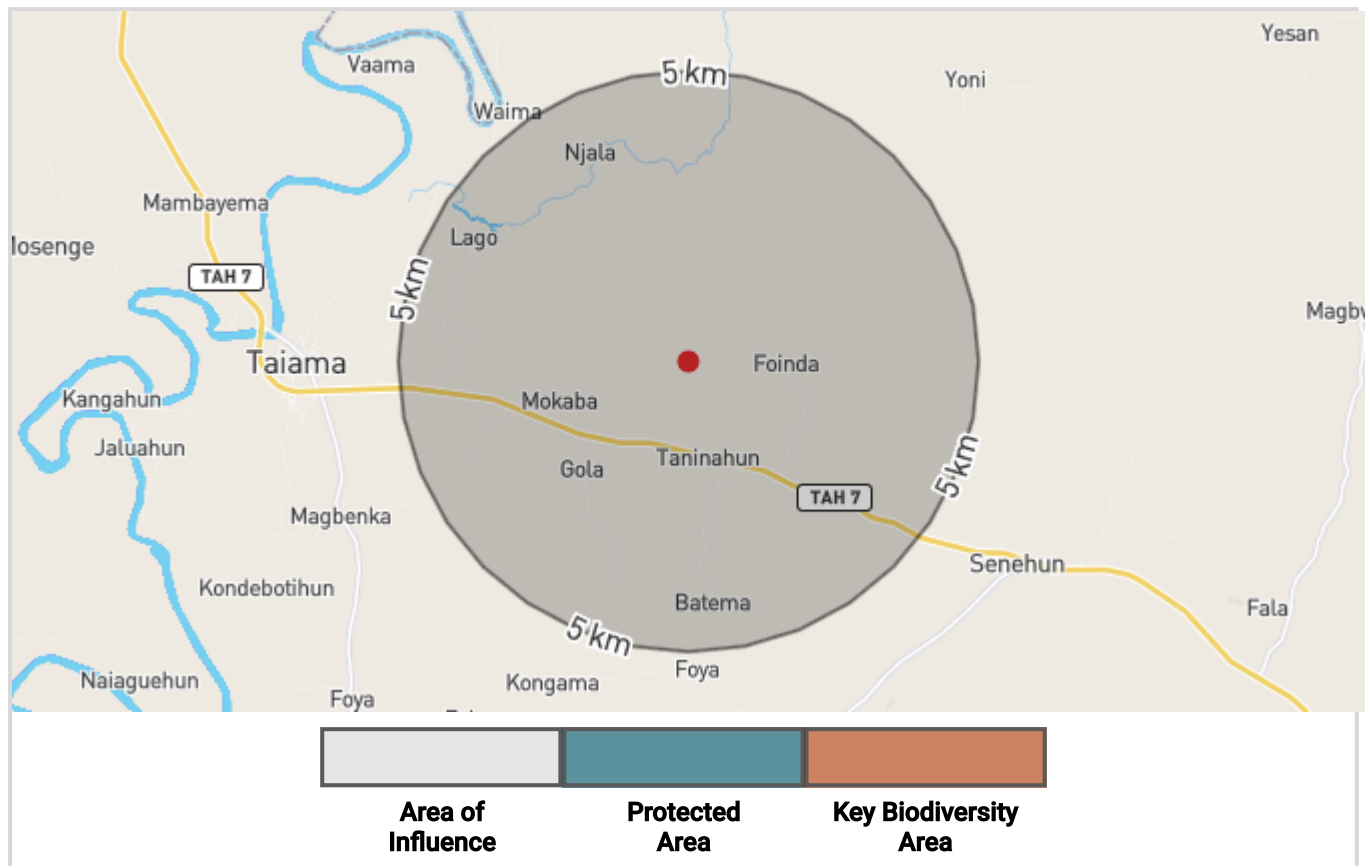


Figure 4. Location of Sierra Leone Agri Research Centre. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Sierra Leone Agri Research Centre is not identified as a sensitive site for areas of biodiversity and conservation importance in relation to protected areas and KBAs as none were observed to overlap with the buffered site.

Sierra Leone Agri Research Centre **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. Both **STAR_T** and **STAR_R** scores are higher than the threshold value.

Site Name: Hornsea, UK Offshore Wind Farm

- **Site Area:** 8 km²
- **Buffer Distance:** 20 km
- **Type of operation:** Offshore wind
- **Sensitive Site:** Yes
- **Country:** United Kingdom
- **Distance to area of high biodiversity value:** 0.0 km
- **Area of ecologically sensitive sites within the Area of Influence:** 1229.48 km²

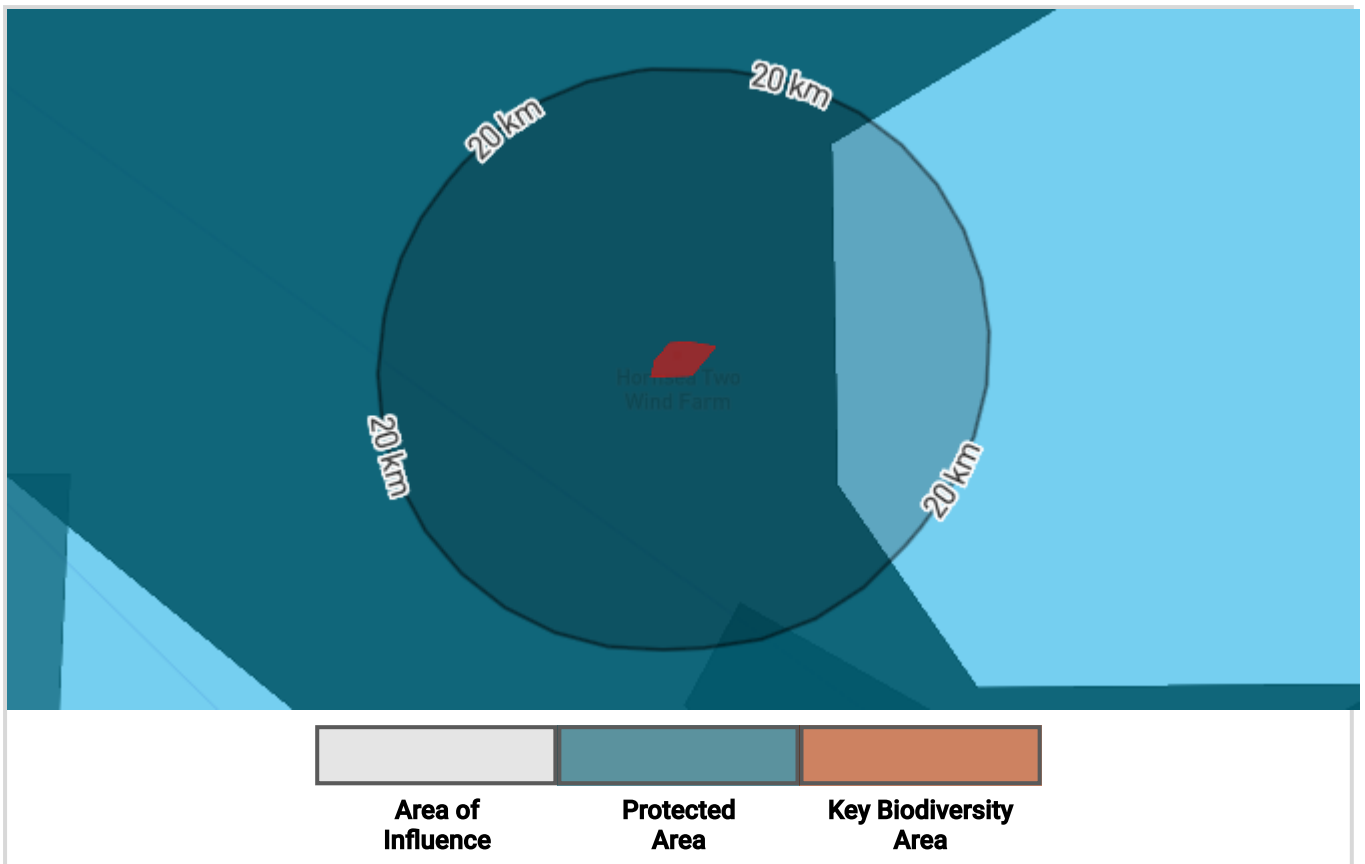


Figure 4. Location of Hornsea, UK Offshore Wind Farm. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Hornsea, UK Offshore Wind Farm **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **4** protected areas and **0** KBAs within the buffered area.

Hornsea, UK Offshore Wind Farm is not identified as a sensitive site for areas of biodiversity and conservation importance in relation to potential of species' extinction risk as the STAR scores for threat abatement and restoration are not above the threshold (global median/80th percentile)

Site Name: Three Gorges Dam

- **Site Area:** 0 km²
- **Buffer Distance:** 20 km
- **Type of operation:** Hydropower
- **Sensitive Site:** Yes
- **Country:** China
- **Distance to area of high biodiversity value:** Not applicable
- **Area of ecologically sensitive sites within the Area of Influence:** 0.0 km²

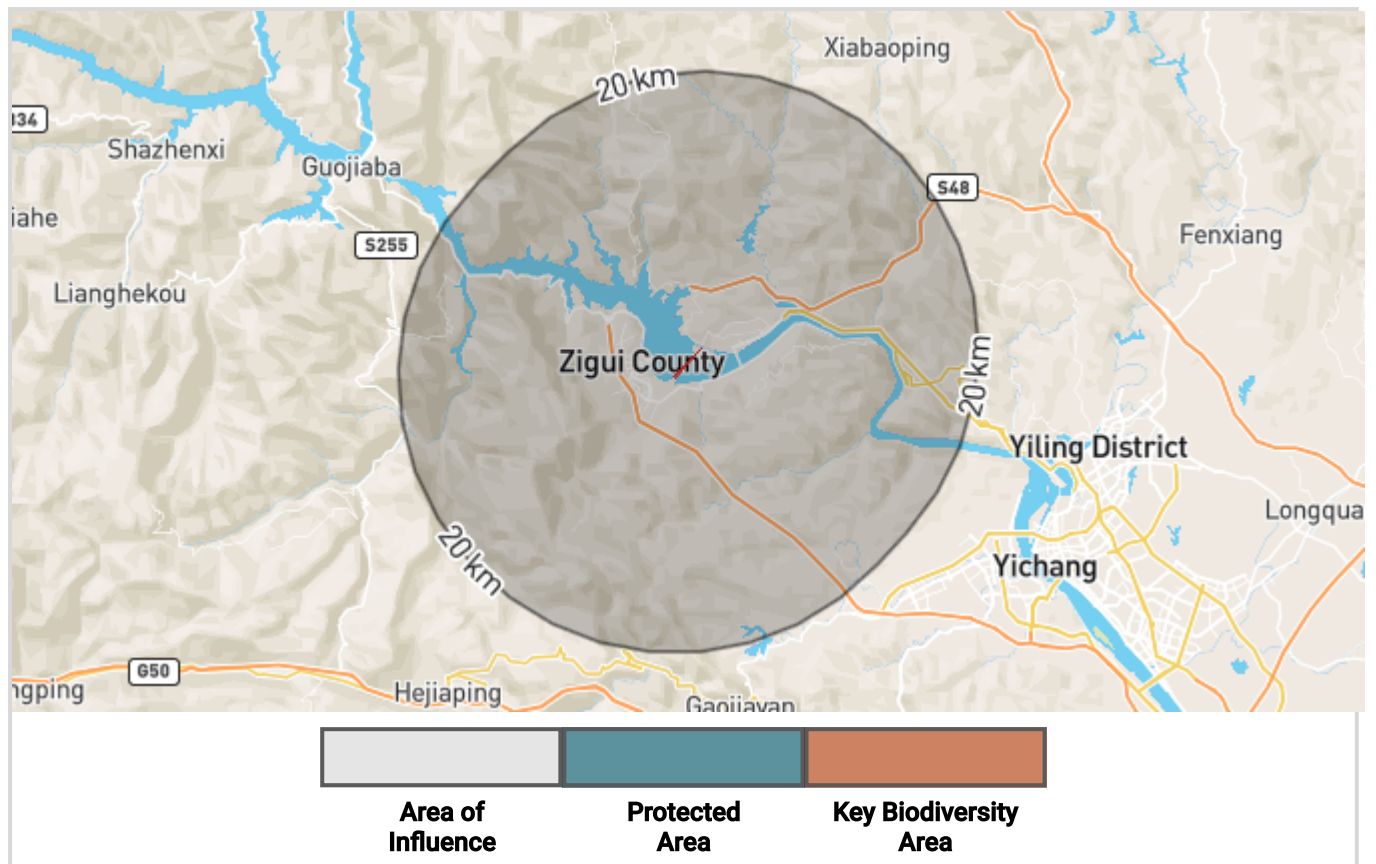


Figure 4. Location of Three Gorges Dam. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Three Gorges Dam is not identified as a sensitive site for areas of biodiversity and conservation importance in relation to protected areas and KBAs as none were observed to overlap with the buffered site.

Three Gorges Dam **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. Both **STAR_T** and **STAR_R** scores are higher than the threshold value.

Site Name: Mumbai, India Logistics Warehouse

- **Site Area:** 0 km²
- **Buffer Distance:** 5 km
- **Type of operation:** Warehouses
- **Sensitive Site:** Yes
- **Country:** India
- **Distance to area of high biodiversity value:** 2.84 km
- **Area of ecologically sensitive sites within the Area of Influence:** 11.45 km²

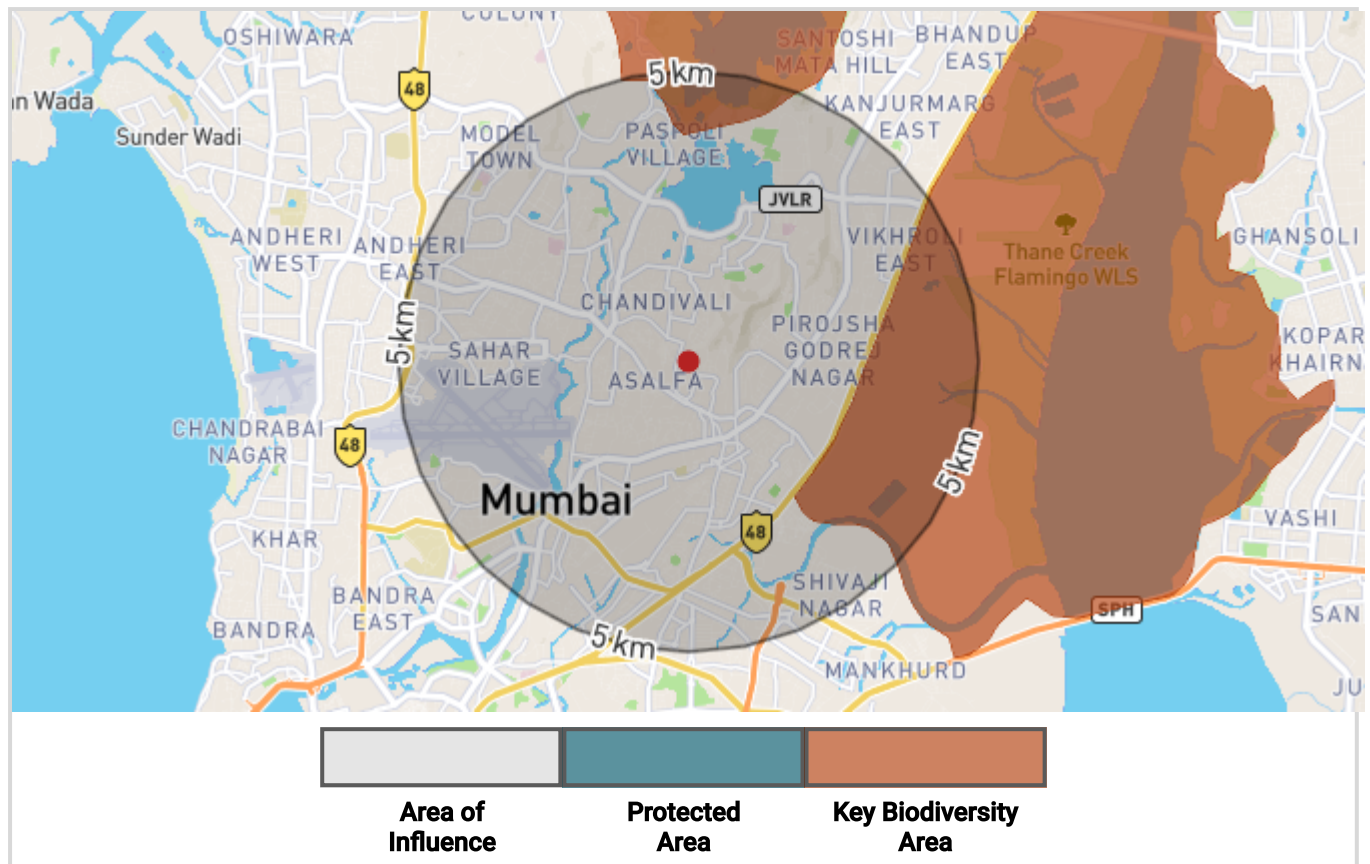


Figure 4. Location of Mumbai, India Logistics Warehouse. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Mumbai, India Logistics Warehouse **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **0** protected areas and **2** KBAs within the buffered area.

Mumbai, India Logistics Warehouse **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to the species present due to the higher potential of species' extinction risk. The **STAR_R** score is higher than the threshold value.

Site Name: Cambridge, UK DAB

- **Site Area:** 0 km²
- **Buffer Distance:** 5 km
- **Type of operation:** Offices
- **Sensitive Site:** Yes
- **Country:** United Kingdom
- **Distance to area of high biodiversity value:** 0.97 km
- **Area of ecologically sensitive sites within the Area of Influence:** 0.99 km²

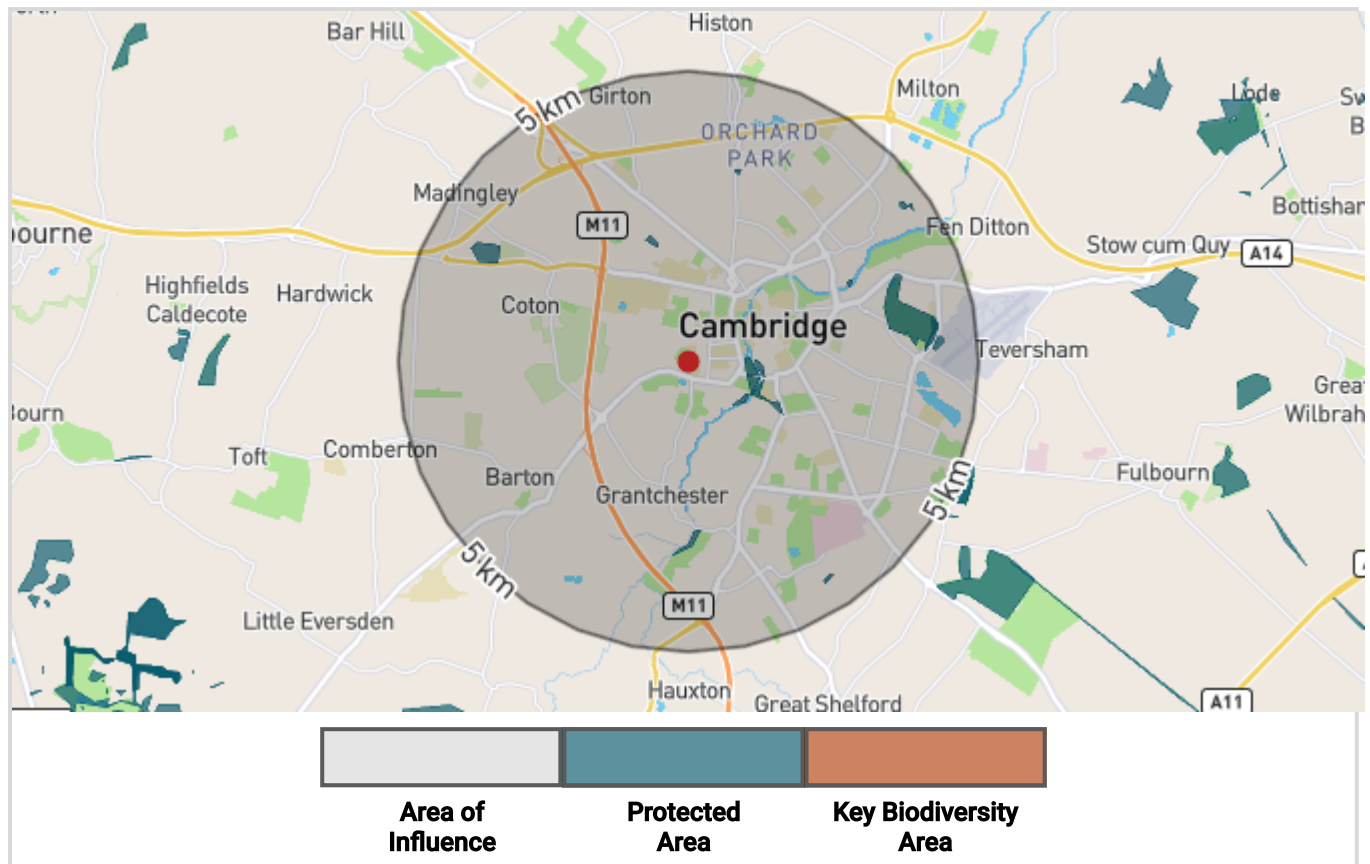


Figure 4. Location of Cambridge, UK DAB. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Cambridge, UK DAB **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **12** protected areas and **0** KBAs within the buffered area.

Cambridge, UK DAB is not identified as a sensitive site for areas of biodiversity and conservation importance in relation to potential of species' extinction risk as the STAR scores for threat abatement and restoration are not above the threshold (global median/80th percentile)

Site Name: Illinois, US Corn Farm

- **Site Area:** 0 km²
- **Buffer Distance:** 10 km
- **Type of operation:** High-input agriculture
- **Sensitive Site:** Yes
- **Country:** United States of America
- **Distance to area of high biodiversity value:** 9.47 km
- **Area of ecologically sensitive sites within the Area of Influence:** 0.32 km²

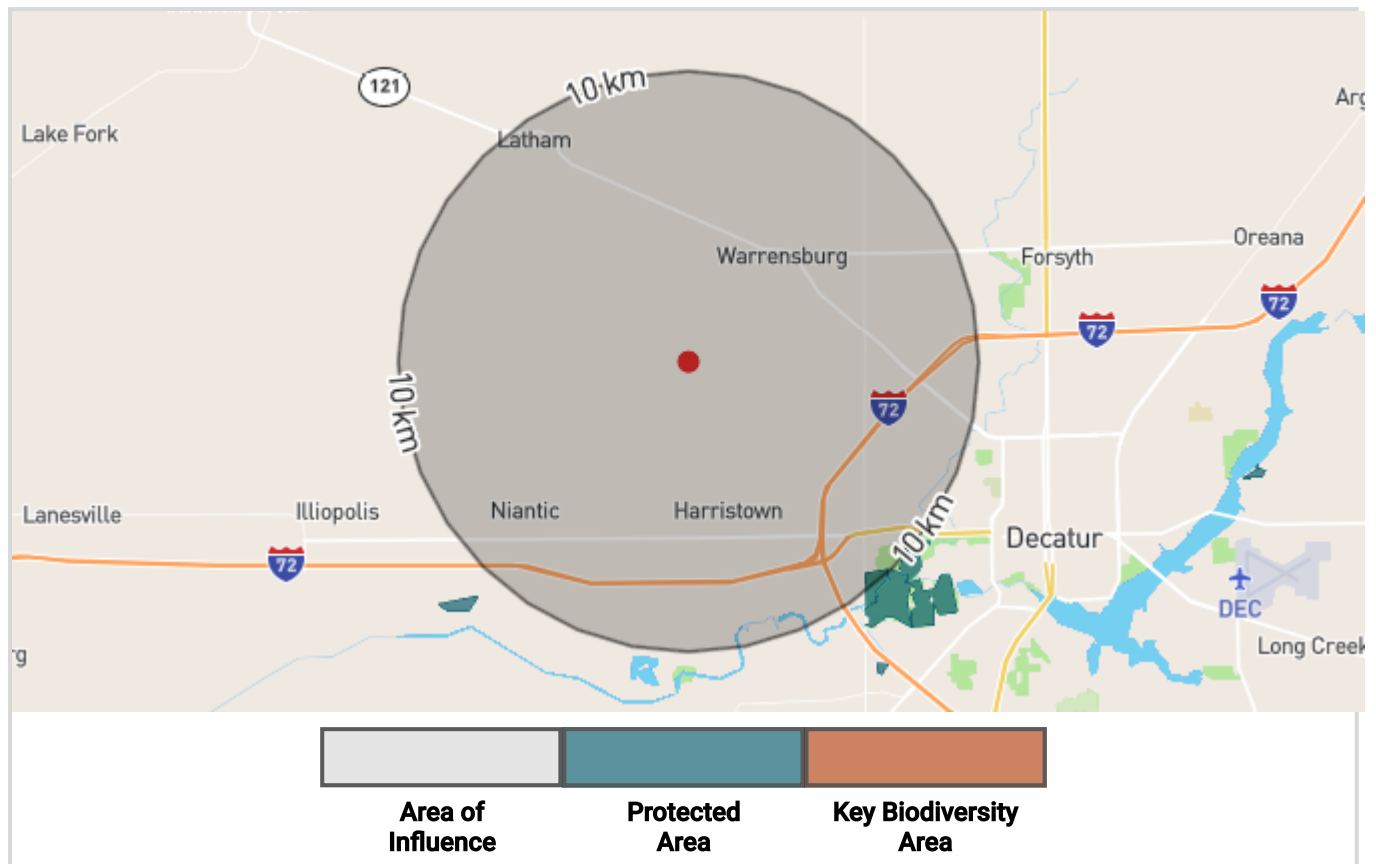


Figure 4. Location of Illinois, US Corn Farm. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Illinois, US Corn Farm **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **1** protected areas and **0** KBAs within the buffered area.

Illinois, US Corn Farm is not identified as a sensitive site for areas of biodiversity and conservation importance in relation to potential of species' extinction risk as the STAR scores for threat abatement and restoration are not above the threshold (global median/80th percentile)

Site Name: Tarfaya, Morocco Wind Farm

- **Site Area:** 0 km²
- **Buffer Distance:** 10 km
- **Type of operation:** Onshore wind
- **Sensitive Site:** Yes
- **Country:** Morocco
- **Distance to area of high biodiversity value:** 8.8 km
- **Area of ecologically sensitive sites within the Area of Influence:** 4.9 km²

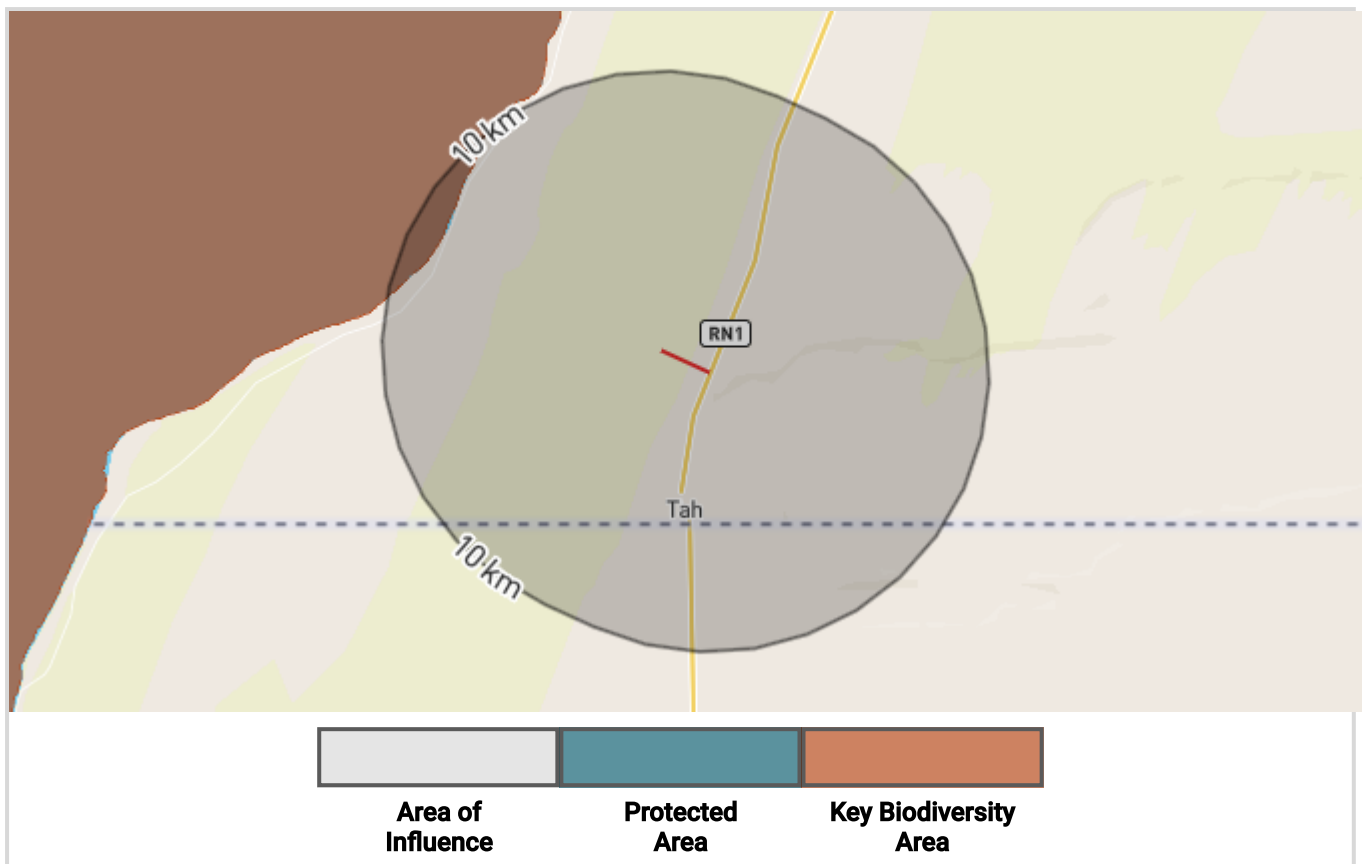


Figure 4. Location of Tarfaya, Morocco Wind Farm. Buffered area shown in light grey. Protected areas (data from the World Database on Protected Areas) are shown in teal, KBAs (data from the World Database of KBAs) are shown in dark orange, areas where protected areas and KBAs overlap are shown as the mix of both colours.

Tarfaya, Morocco Wind Farm **is identified as a sensitive site** for areas of biodiversity and conservation importance in relation to protected areas and KBAs. Overall, there are a total of **0** protected areas and **1** KBA within the buffered area.

Tarfaya, Morocco Wind Farm is not identified as a sensitive site for areas of biodiversity and conservation importance in relation to potential of species' extinction risk as the STAR scores for threat abatement and restoration are not above the threshold (global median/80th percentile)