

## APPENDIX 6A: PLANS AND PROJECTS FOR CONSIDERATION FOR CUMULATIVE IMPACT ASSESSMENT

The table below includes;

- Plans and projects required by the 2017 Scoping Opinion.
- Responses from consultation with local authorities (Angus, Dundee City, East Lothian, Fife, Scottish Borders). Projects raised in comments have been incorporated.
- Onshore wind farm projects raised by local authorities in response to SLVIA consultation.
- Marine Scotland was consulted on this list and projects raised in comments received on 26/02/2018, 18/04/2018, 02/05/2018 and 18/05/2018 have been incorporated.
- Marine Scotland advice to developers on CIA for ornithology (non-breeding breeding season effects) issued on 21/09/2017.
- The MMO was consulted and had no comments, deferring to Marine Scotland.

**Table 1.1 List of plans and projects for consideration for cumulative impact assessment.**

| Project                             | Description   | Location   | Status  |
|-------------------------------------|---|--|---|
| <b>Offshore</b>                     |   |  |   |
| Seagreen Transmission Asset Project | Installation of up to 5 Offshore Substation Platforms (OSPs) with inter connector cables and up to 6 export cable trenches. | OSPs installed within the Seagreen Project site and export cable corridor extending to landfall at Carnoustie. | Consent application submitted October 2012. Consented by Scottish Ministers in October 2014.  |
| Inch Cape                           | Installation of up to 110 WTGs with export capacity of approximately 784MW.   | Approximately 15km east of the Angus coastline   | Consent application submitted July 2013. Approved by Scottish Government September 2014.<br><br>Subject to Judicial Review raised by RSPB challenging the consent, which the Court of Session found in favour of in July 2016. This decision was subject to an appeal by the Scottish Government and was overturned in May 2017, which reinstated the consents.         |
| Inch Cape (alternative Design)      | Installation of up to 72 WTGs with export capacity unknown.   | Approximately 15km east of the Angus coastline.  | Scoping request submitted May 2017  |
| Near na Gaoithe                     | Installation of up to 64 WTGs with export capacity of approximately 450MW.  | Approximately 15.5km from Fife Ness on the Fife coastline.   | Consent application submitted April 2012.<br><br>Approved by Scottish Government September 2014.<br><br>Subject to Judicial Review raised by RSPB challenging the consent, which the Court of Session found in favour of in July 2016. This decision was subject to an appeal by the Scottish Government and was overturned in May 2017, which reinstated the consents. |

| Project   | Description   | Location  | Status   |
|---|---|---|--|
| Neart na Gaoithe (alternative design)   | Installation of up to 54 WTGs with overall generating capacity of up to 450MW   | Approximately 15.5km from Fife Ness on the Fife coastline.      | Scoping request submitted May 2017<br>Consent application submitted March 2018   |
| Beatrice  | Installation of up to 140 WTGs with overall generating capacity of up to 750MW.<br>Final wind farm design comprises 84 WTGs | Approximately 13.5km from Caithness coastline.                  | Consent application submitted July 2012.<br>Approved by Scottish Government March 2014. Currently under construction. Completion expected 2019.            |
| Kincardine Offshore Wind Farm   | Installation of up to seven floating WTGs with overall generating capacity of up to 50 MW.                                  | Approximately 15km south east of Aberdeen.                      | Consent application submitted March 2016.<br>Approved by Scottish Government March 2017.<br>Consent variation submitted in November 2017 to update design. |
| Hywind Scotland Pilot Park  | Installation of up to five floating WTGs with overall generating capacity of up to 30 MW.                                   | Approximately 25km off the coast of Peterhead, Aberdeenshire.   | Consent application submitted March 2015.<br>Approved by Scottish Government October 2015.<br>Construction completed in 2017.                              |
| Forthwind Offshore Wind Farm  | Installation of two WTGs with overall generating capacity of up to 18 MW.   | Approximately 1.5km southeast of Methil on the Fife coast.      | Consent application submitted July 2015.<br>Approved by Scottish Government December 2016.   |
| Forthwind Offshore Wind Demonstration Array   | Installation of up to seven WTGs with overall generating capacity of up to 65 MW.   | Approximately 1.5km southeast of Methil on the Fife coast.      | Scoping submitted November 2016, application for consent expected 2018.  |
| ORE Catapult Levenmouth   | Installation of one WTG with overall generating capacity of 7 MW.   | Levenmouth, Fife.   | Consent application submitted July 2012.<br>Approved by Scottish Government May 2013.<br>Currently operational.  |
| Moray Offshore East development (encompassing Telford, Stevenson and MacColl Offshore Wind Farms) | Installation of up to 186 WTGs with overall generating capacity of up to 1,116 MW (overall).                                | Outer Moray Firth, approximately 22km from the Caithness coast. | Consent application submitted August 2012.<br>Approved by Scottish Government March 2014.<br>Construction start expected 2019, based on 100WTGs.           |
| Moray West  | Installation of up to 90 WTGs with overall generating capacity of up to 750 MW.   | Outer Moray Firth, approximately 22km from the Caithness coast. | Scoping submitted May 2016, application for consent expected 2018.   |
| Beatrice Demonstrator Project   | Two WTGs with max. capacity 10 MW.  | Outer Moray Firth.  | No longer operational. Due to be decommissioned.   |

| Project  | Description   | Location   | Status  |
|--|---|--|---|
| European Offshore Wind Deployment Centre (EOWDC)                                     | Include, but not be limited to, 11 three bladed WTGs with a maximum power generation of up to 100 MW. | Approximately 2km from the coastline of Aberdeenshire at Blackdog. | Consent application submitted March 2013.<br>Approved by Scottish Government August 2014.<br>Currently under construction.<br>Completion expected September 2018. |
| Dounreay Tri Floating Wind Demonstration Project Determination                       | Two WTG offshore wind farm with an installed capacity of between 8 to 12 MW.                          | Approximately 6km off Dounreay, Caithness.                         | Consent application submitted October 2016.<br>Approved by Scottish Government March 2017.  |
| Blyth Offshore Wind Farm   | Two WTGs with max. capacity 3.8 MW.   | 1km off Blyth Harbour, north-east England.                         | Operational since 2000.   |
| Blyth Offshore Demonstrator Project - Array 2  | Five WTGs with max. capacity 40 MW  | 6km off Blyth Harbour, north-east England.                         | Consent application submitted March 2012.<br>Approved by Scottish Government October 2013.<br>Operational.  |
| Caithness to Moray Interconnector  | Interconnector  | Caithness to Moray.  | Currently under construction.<br>Completion expected December 2018.   |
| NorthConnect   | Interconnector with 1400 MW capacity  | Long Haven Bay, Aberdeenshire to Sima, Hardangerfjord, Norway.     | Scoping submitted 2016.<br>Construction planned 2021-2022.  |
| Dogger Bank Teesside A & Sofia (formerly Dogger Bank Teesside B) Offshore Wind Farms | Two offshore wind farms, each with a maximum installed capacity of 1.2GW                              | Southern North Sea, 196km from the UK coastline.                   | Approved in 2015.<br>Pre-construction.  |
| Dogger Bank Creyke Beck A & B  | Two offshore wind farms with an installed capacity of up to 1.2GW each                                | Southern North Sea, 131km from the UK coastline.                   | Approved in 2015.<br>Pre-construction.  |
| Dudgeon  | 67 WTGs, 6MW turbine capacity, 402MW project capacity   | North Sea, 32km North of Cromer, Norfolk coastline.                | Fully commissioned October 2017.<br>Operational.  |
| East Anglia ONE  | 102 WTGs, project capacity 714MW  | Southern North Sea, 45.4km from the UK coastline.                  | Planning consent granted June 2014.<br>Under construction.  |
| East Anglia ONE North  | 67 WTGs, project capacity 600-800MW   | Southern North Sea, 36km from the UK coastline.                    | Pre-application.  |
| East Anglia TWO  | 75 WTGs, project capacity 600-800MW   | Southern North Sea, 54.4km from the UK coastline.                  | Pre-application.  |
| East Anglia THREE  | 100-172 WTGs, project capacity 1.2GW  | Southern North Sea, 74km from the UK coastline.                    | Application November 2015.<br>Development consent granted August 2017.  |

| Project                 | Description                         | Location   | Status   |
|-------------------------|-------------------------------------|--|--|
| Galloper                | 56 WTGs, project capacity 353MW     | Approximately 27km off the Suffolk coastline.            | Consent granted May 2013.<br>Under construction.   |
| Greater Gabbard         | 140 WTGs, project capacity 504MW    | Southern North Sea, 36km from the UK coastline.          | Consent granted 2007.<br>Commissioned August 2013.<br>Operational.                           |
| Gunfleet Sands (1+2)    | 48 WTGs, project capacity 172.8MW   | Southern North Sea, 7km off Essex coastline.             | Fully commissioned.<br>Operational.  |
| Gunfleet Sands 3 (Demo) | 2 WTGs, project capacity 12MW       | Southern North Sea, 8km off Essex coastline.             | Fully commissioned.<br>Operational.  |
| Hornsea Project One     | 174 WTGs, project capacity 1.2 GW   | Southern North Sea, 120km from East Yorkshire coastline. | Consent application submitted July 2013.<br>Consent granted Dec 2014.<br>Under construction. |
| Hornsea Project Two     | 174 WTGs, project capacity 1.4GW    | Southern North Sea, 89km from East Yorkshire coastline.  | Consent granted Aug 2016.<br>Under construction.   |
| Hornsea Project Three   | 300 WTGs, project capacity 2.4GW    | Southern North Sea, 121km from East Yorkshire coastline. | Consent application submitted May 2018.  |
| Humber Gateway          | 73 WTGs, project capacity 219MW     | Southern North Sea, 10km from UK coastline.              | Consent granted Feb 2011.<br>Fully commissioned May 2015.<br>Operational.                    |
| Inner Dowsing           | 27 WTGs, project capacity 97.2MW    | Southern North Sea, 5km from UK coastline.               | Fully commissioned. Operational  |
| Kentish Flats           | 30 WTGs, project capacity 90MW      | Southern North Sea, 8.5km from Kent coastline.           | Full commissioned. Operational   |
| Kentish Flats Extension | 15 WTGs, project capacity 49.5MW    | Southern North Sea, 8.5km from Kent coastline.           | Consent granted Feb 2013.<br>Commissioned Dec 2015.<br>Operational.                          |
| Lincs                   | 75 WTGs, project capacity 270MW     | 8km off Skegness, UK coastline.                          | Consent granted 2008.<br>Fully commissioned Sep 2013.<br>Operational.                        |
| London Array            | 175 WTGs, project capacity 630MW    | Southern North Sea, 20km from the UK coastline.          | Consent granted 2006.<br>Fully commissioned April 2013.<br>Operational.                      |
| Lynn                    | 27 WTGs, project capacity 97.2MW    | Southern North Sea, 5km from the UK coastline.           | Fully commissioned. Operational  |
| Norfolk Vanguard        | 90-257 WTGs, project capacity 1.8GW | Southern North Sea, 47.5km from the UK coastline.        | Pre-application.   |
| Norfolk Boreas          | 90-257 WTGs, project capacity 1.8GW | Southern North Sea, 90.4km from the UK coastline.        | Pre-application.   |

| Project                            | Description   | Location  | Status  |
|------------------------------------|---|---|---|
| Race Bank                          | 91 WTGs, project capacity 573.3MW   | 27km off Skegness, East of England.                               | Consent granted 2009.<br>Commissioned Feb 2018.<br>Operational.   |
| Rampion Offshore Wind Farm         | Offshore wind farm comprising 116 turbines, 400MW installed capacity  | 13km off Sussex coastline.  | Under construction.   |
| Scroby Sands                       | 30 WTGs, project capacity 60MW  | Southern North Sea, 2.3km from the UK coastline.                  | Fully commissioned.<br>Operational.   |
| Sheringham Shoal                   | 88 WTGs, project capacity 316.8MW   | North of Norfolk, 23km from the UK coastline.                     | Consent granted 2008.<br>Commissioned Apr 2013.<br>Operational.   |
| Teesside                           | 27 WTGs, project capacity 62.1MW  | 1.5km from Teesbay, North Sea.                                    | Fully commissioned.<br>Operational.   |
| Thanet                             | 100 WTGs, project capacity 300MW  | 11km off the coast of Kent.                                       | Consent granted 2006.<br>Commissioned Sep 2010.<br>Operational.   |
| Thanet Extension                   | 34 WTGs, project capacity 340MW   | 8km off the coast of Kent.  | Pre-application   |
| Triton Knoll                       | 90 WTGs, project capacity 860MW   | 33km off the coast of Lincolnshire, North Sea.                    | Consent granted Jul 2013.<br>Pre-construction.  |
| Westermost Rough                   | 35 WTGs, project capacity 210MW   | 8km north east of Withernsea, off the Holderness coast, North Sea | Consent granted Nov 2011.<br>Commissioned May 2015.<br>Operational.   |
| <b>Coastal</b>                     |   |   |   |
| Cromarty Firth Phase 4 Development | Reclamation, berth construction, capital dredging   | Invergordon Service Base  | Application submitted May 2018.   |
| Port of Ardersier                  | Offshore Renewables Manufacturing and Port Facility   | Whiteness Head, Ardersier, North East of Inverness                | Marine Licences for construction and capital dredging granted by Scottish Government in 2016. No further information available. |
| Forth Ports                        | Scoping opinion raises Scottish Fishermen's Federation concerns over potential cumulative effects of the anchoring of oil rigs and the development of anchorages and moorings by Forth Ports. | N/A   | N/A   |
| Aberdeen Harbour Expansion Project | New breakwaters, approx. 1400 m of new quays and associated infrastructure and buildings.   | Nigg Bay, Aberdeen  | Currently under construction.<br>Completion expected May 2020.  |

| Project  | Description  | Location      | Status      |
|--|--|---------------|-------------|
| Port of Dundee Oil and Gas Decommissioning Hub | Rig decommissioning hub                                    | Dundee        | Ongoing     |
| Edinburgh Waterfront Development               | New housing, business, commercial and leisure facilities.  | Leith         | Ongoing     |
| Dundee Waterfront Development                  | New housing, business, commercial and leisure facilities   | Dundee        | Ongoing     |
| <b>Onshore (for SLVIA only)</b>                |  |               |             |
| Brownieleys                                    | 30 - 40km from Seagreen, 3 turbines                        | Aberdeenshire | Operational |
| Easter Tulloch                                 | 30 - 40km from Seagreen, 3 turbines, site capacity 12.5MW  | Aberdeenshire | Operational |
| Shiels   | 30 - 40km from Seagreen, 3 turbines, site capacity 7.5MW   | Aberdeenshire | Operational |
| Tullo Extension                                | 30 - 40km from Seagreen, 3 turbines, site capacity 10MW    | Aberdeenshire | Operational |
| Clochnahill                                    | 30 - 40km from Seagreen, 4 turbines, site capacity 5.2MW   | Aberdeenshire | Operational |
| Tullo  | 30 - 40km from Seagreen, 7 turbines, site capacity 17.5MW  | Aberdeenshire | Operational |
| Hillhead of Auquhirie                          | 30 - 40km from Seagreen, 3 turbines, site capacity 3.9MW   | Aberdeenshire | Operational |
| St Johns Hill                                  | 30 - 40km from Seagreen, 9 turbines, site capacity 13MW    | Aberdeenshire | Operational |
| Drumlithie Feed Mill                           | 40 - 50km from Seagreen, 3 turbines, site capacity 7.5MW   | Aberdeenshire | Approved    |
| Droop Hill                                     | 40 - 50km from Seagreen, 2 turbines, site capacity 4.6MW   | Aberdeenshire | Approved    |
| Mid Hill                                       | 40 - 50km from Seagreen, 25 turbines, site capacity 57.5MW | Aberdeenshire | Operational |
| Mid Hill II                                    | 40 - 50km from Seagreen, 9 turbines, site capacity 20.7MW  | Aberdeenshire | Operational |

| Project               | Description  | Location         | Status      |
|-----------------------|--|------------------|-------------|
| Meikle Carewe         | 40 - 50km from Seagreen, 12 turbines, site capacity 10.2MW | Aberdeenshire    | Operational |
| Kenly                 | 50 - 60km from Seagreen, 6 turbines                        | Fife             | Approved    |
| Michelin Tyre Factory | 50 - 60km from Seagreen, 2 turbines, site capacity 4.6MW   | Dundee City      | Operational |
| Frawney               | 60 - 70km from Seagreen, 5 turbines                        | Angus            | Approved    |
| Govals Farm           | 60 - 70km from Seagreen, 6 turbines                        | Angus            | Approved    |
| Ark Hill              | 60 - 70km from Seagreen, 8 turbines, site capacity 7MW     | Angus            | Operational |
| Howpark               | 70 - 80km from Seagreen, 8 turbines, site capacity 20MW    | Scottish Borders | Appealed    |
| Fernleylea 2          | 70 - 80km from Seagreen, 6 turbines                        | Scottish Borders | Application |
| Aikengall Ila         | 70 - 80km from Seagreen, 19 turbines, site capacity 75MW   | Scottish Borders | Approved    |
| Crystal Rig III       | 70 - 80km from Seagreen, 11 turbines, site capacity 33MW   | East Lothian     | Approved    |
| Cornabo               | 70 - 80km from Seagreen, 3 turbines, site capacity 2,7MW   | Aberdeenshire    | Approved    |
| Penmanshiel           | 70 - 80km from Seagreen, 15 turbines, site capacity 30MW   | Scottish Borders | Approved    |
| Neuk                  | 70 - 80km from Seagreen, 2 turbines, site capacity 6MW     | Scottish Borders | Approved    |
| Aikengall II          | 70 - 80km from Seagreen, 19 turbines, site capacity 68.4MW | Scottish Borders | Approved    |
| Hopsprigshiel s       | 70 - 80km from Seagreen, 3 turbines, site capacity 7.5MW   | Scottish Borders | Approved    |
| Fife Energy Park      | 70 - 80km from Seagreen, 1 turbine, site capacity 6MW      | Fife             | Operational |
| Quixwood              | 70 - 80km from Seagreen, 14 turbines,                      | Scottish Borders | Operational |
| Brockholes            | 70 - 80km from Seagreen, 3 turbines                        | Scottish Borders | Operational |

| Project          | Description   | Location          | Status      |
|------------------|---|-------------------|-------------|
| Drone Hill       | 70 - 80km from Seagreen, 22 turbines, site capacity 28.6MW  | Scottish Borders  | Operational |
| Crystal Rig 2    | 70 - 80km from Seagreen, 51 turbines, site capacity 117.3MW | East Lothian      | Operational |
| Crystal Rig 2a   | 70 - 80km from Seagreen, 9 turbines, site capacity 20.7MW   | East Lothian      | Operational |
| Hill of Fiddes   | 70 - 80km from Seagreen, 3 turbines, site capacity 6.9MW    | Aberdeenshire     | Operational |
| Aikengall        | 70 - 80km from Seagreen, 16 turbines, site capacity 48MW    | Scottish Borders  | Operational |
| Crystal Rig 1a   | 70 - 80km from Seagreen, 5 turbines, site capacity 12.5MW   | Scottish Borders  | Operational |
| Crystal Rig      | 70 - 80km from Seagreen, 20 turbines, site capacity 50MW    | Scottish Borders  | Operational |
| Junction 2A      | > 80km from Seagreen, 2 turbines                            | Fife              | Application |
| Strathore Farm   | > 80km from Seagreen, 1 turbine, site capacity 1.5MW        | Fife              | Approved    |
| Middle Balbeggie | > 80km from Seagreen, 2 turbines                            | Fife              | Approved    |
| Skeddoway Farm   | > 80km from Seagreen, 1 turbine                             | Fife              | Approved    |
| Earlseat         | > 80km from Seagreen, 9 turbines,                           | Fife              | Operational |
| Clentrie         | > 80km from Seagreen, 3 turbines, site capacity 6.9MW       | Fife              | Operational |
| Mossmorran       | > 80km from Seagreen, 2 turbines                            | Fife              | Operational |
| Goathill         | > 80km from Seagreen, 1 turbine                             | Fife              | Operational |
| Little Raith     | > 80km from Seagreen, 9 turbines, site capacity 27MW        | Fife              | Operational |
| Westfield        | > 80km from Seagreen, 5 turbines, site capacity 12.5MW      | Fife              | Operational |
| Lochelbank       | > 80km from Seagreen, 12 turbines, site capacity 15.6MW     | Perth and Kinross | Operational |