

Vattenfall Wind Power Ltd

Thanet Extension Offshore Wind Farm

EIA Evidence Plan Report

June 2018, Revision A

Document Reference: 8.5

Pursuant to: APFP Reg. 5(2)(q)



Vattenfall Wind Power Ltd
Thanet Extension Offshore Wind Farm
EIA Evidence Plan Report
June 2018

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Drafted By:	GoBe Consultants Ltd
Approved By:	Helen Jameson
Date of Approval	June 2018
Revision	A

Vattenfall Wind Power Ltd
First Floor
1 Tudor Street
London
EC4Y 0AH
T +44 207 451 1150

www.vattenfall.co.uk

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1 Introduction

1.1 Background

1.1.1 This is the Environmental Impact Assessment (EIA) Evidence Plan Report has been prepared by GoBe Consultants Ltd on behalf of Vattenfall Wind Power Ltd (VWPL) to support the Thanet Extension Offshore Wind Farm (Thanet Extension) Development Consent Order (DCO) application. The project would be located approximately 8 km offshore (at its closest point), adjacent to the operational Thanet Offshore Wind Farm (TOWF). It would have a generating capacity of up to 340 MW. Electricity generated would be transmitted to the shore by offshore export cables installed within the proposed Offshore Export Cable Corridor (OECC) to the landfall, then through underground and/ or surface laid cables installed within the proposed onshore cable corridor to an onshore substation. From there underground cables would transmit electricity to a National Grid 400 kV substation. A geographical overview is provided in Figure 1.1.

1.1.2 VWPL is submitting an application for a DCO to the National Infrastructure Directorate (NID) of the Planning Inspectorate (PINS), with the application expected to be submitted in Quarter 2, 2018. The application is supported by a range of plans and documents including an Environmental Statement (ES) setting out the results of the EIA process and, where necessary, a Report to Inform Appropriate Assessment (RIAA) report (Document Ref: 5.2) setting out the information necessary to determining the likely significant effects of the application on Natura 2000 sites. This EIA Evidence Plan is of particular relevance to the EIA and Habitats Regulations Assessment (HRA)¹.

1.1.3 A Scoping Opinion was subsequently provided by PINS on 14th February 2017 incorporating the scoping views of a range of bodies. More detail was subsequently presented in the Preliminary Environmental Information Report (PEIR) which was submitted for consultation on 27th November 2017 between 12th January 2018. The PEIR was submitted in the form of a draft ES, as part of the formal pre-application consultation process under the Evidence Planning Act 2008.

1.2 Structure of the EIA Evidence Plan

1.2.1 The structure of this EIA Evidence Plan is as follows:

- Section 1 – introduces the EIA Evidence Plan and objectives;
- Section 2 – describes the background to Thanet Extension, including the offshore and onshore components;
- Section 2.1.1 – details the roles and responsibilities of interested parties, i.e. the Development team, consenting authorities and the EIA Evidence Plan stakeholders and set out the membership of the Steering Group and Review Panels;
- Section 3.8.1 – describes the approach adopted in progressing and completing the EIA Evidence Plan for the Thanet Extension, including an overview of the programme; and
- Section 4.7.1 – presents information on the EIA Evidence Plan status, providing a high-level summary of agreements and remaining disagreements or aspects still under discussion. Further details are provided in the accompanying Appendices (I to III) to this report.

1.3 The EIA Evidence Plan Process

1.3.1 The Evidence Plan process was initially developed by Major Infrastructure Environment Unit (MIEU) of Defra to provide a formal mechanism to agree between Applicants and statutory bodies what information and evidence an Applicant for a Nationally Significant infrastructure Project (NSIP) should submit in support of an application, with a specific focus on HRA matters. However, in practice the MIEU advises that the topic areas that may be covered by an Evidence Plan can be expanded, at the request of the Developer, to include broader EIA issues as well as HRA issues.

1.3.2 Guidance on the preparation of Evidence Plans is provided within the Department for Environment Food and Rural Affairs (Defra) Guidance Note “Habitats Regulations: Evidence Plans for Nationally Significant Infrastructure Projects”, dated September 2012 (Defra, 2012).

1.3.3 Under the Defra guidance note applicants are expected to:

¹ “Habitats Regulations” include those regulations which transpose Council Directive 92/43/EEC on the Conservation of Natural Habitats and of Wild Fauna and Flora into UK legislation, specifically the Conservation of Habitats and Species Regulations 2017 and the Offshore Marine Conservation (Natural Habitats, & c.) Regulations 2009.

- Engage with SNCBs, PINS and other consenting bodies throughout the project process;
- Collect evidence and analyse it using agreed methodologies; and
- Be accepting that evidence requirements may change throughout the project process.

1.3.4 Under the Defra guidance note SNCBs are expected to:

- Seek pragmatic solutions;
- Take a proportionate approach;
- Only change evidence requirements under specified conditions; and
- Engage proactively; and
- Provide clear guidance and advice.

1.3.5 For the purposes of the Thanet Extension Evidence Plan, the remit of the Evidence Plan has been widened, in agreement with PINS, to include EIA topics in addition to HRA aspects. As a consequence, it has been agreed that PINS take an overarching role in the process and that the Evidence Plan itself is to be titled an EIA Evidence Plan to distinguish it from a solely HRA-related Plan.

1.3.6 The process followed in the preparation of the EIA Evidence Plan is aimed at producing a non-legally binding agreement between the developer and the relevant statutory authority(ies) and advisers and other relevant stakeholders on those matters to be addressed by the EIA and HRA process (the scope), the data that will be used to support the assessments and the methods to be applied in analysing the data and assessing the potential impacts of a scheme.

1.3.7 With regard to HRA matters, the predominant organisations involved would be the Statutory Nature Conservation Bodies (SNCBs) (in this case Natural England). However, where broader EIA matters are also to be addressed by the EIA Evidence Plan process (the scope), a wider range of statutory and non-statutory bodies and advisers may be invited into the process (for example The Marine Management Organisation (MMO) (and their advisers Cefas), the Environment Agency (EA) and local authorities). It is for the Developer to decide, in the first instance, which organisations it wishes to include within the EIA Evidence Plan process.

1.3.8 An EIA Evidence Plan is intended to be a working document that is developed by the parties involved on an on-going basis through the development of the EIA, continuing up until the point of DCO application (or until it is considered otherwise complete).

1.4 The Thanet Extension Evidence Plan

1.4.1 The Terms of Reference of the Thanet Extension EIA Evidence Plan was provided to the EIA Evidence Plan stakeholders in October 2016 and discussed at an EIA Evidence Plan workshop held in London on 21st October 2016; comments on the draft were received from the stakeholders and arrangements for the Steering Group and the Technical Review Panels subsequently agreed and incorporated into a revised draft on 31st March 2017. The draft set out the terms of reference for the EIA Evidence Plan process (the scope) and was provided to the EIA Evidence Plan stakeholders for acceptance and adoption.

1.4.2 The EIA Evidence Plan process has formed an extension to the scoping and wider pre-application consultation processes in terms of evaluating the key issues for the EIA (and HRA) and the data available, focusing in large part on agreeing the sufficiency of that existing data rather than what further data might be required and how to go about collecting such data. The EIA Evidence Plan process (the scope) has also provided focus on the analysis, reporting and implications of the EIA and HRA data in seeking to establish areas of agreement and disagreement on the outcomes of the EIA and HRA during the pre-application phase.

1.4.3 The existing data sets were set out in some detail within the Scoping Report that was submitted to PINS on 4th January 2017. The PEIR was informed by (and accounted for) input from stakeholders expressed in the Scoping Opinion and as delivered through this EIA Evidence Plan process (the scope). Subsequent feedback from the PEIR consultation (under S42, S47 and S48 of the Planning Act 2008) has also, where relevant, been incorporated and updated in this EIA Evidence Plan and is reflected in this application made to PINS.

1.4.4 This report presents the final draft EIA Evidence Plan, reflecting the updates and amendments agreed through discussions and meetings with stakeholders since then. The report represents the final form of the EIA Evidence Plan, with all agreements reached and/or disagreements set out.

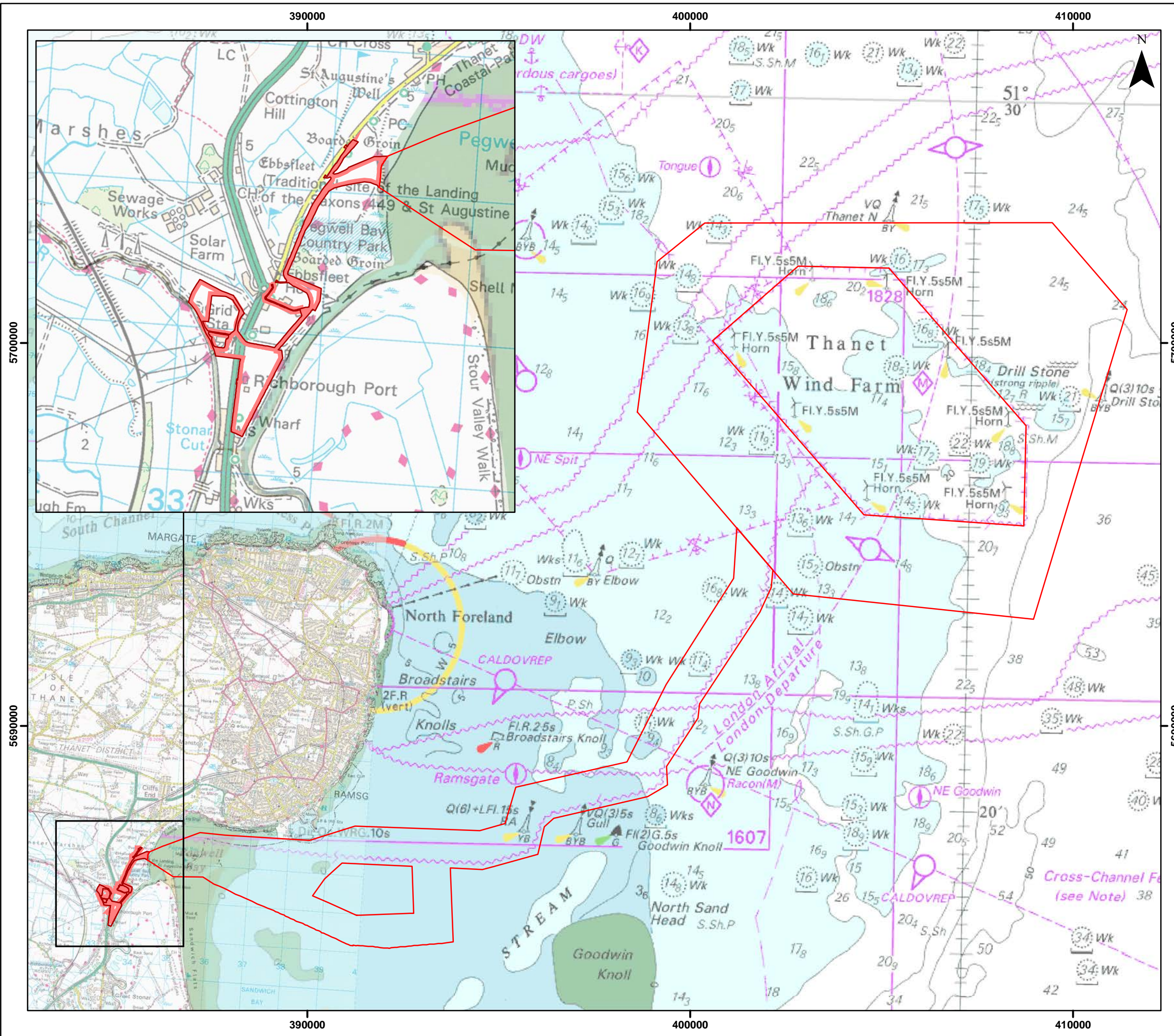
1.4.5 The following sections provide an overview of roles of those involved and the aims and objectives of the EIA Evidence Plan process (the scope); further information is provided in subsequent sections.

THANET EXTENSION OFFSHORE WIND FARM

Figure 1.1
Thanet Extension
Development Area

Legend

- Offshore Red Line Boundary
- Onshore Red Line Boundary



Datum: ETRS 1989
Projection: UTM31N



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© Crown copyright and database rights 2017
Ordnance Survey 0100031673
0 1 2 km 0 0.55 1.1 nm
1:100,000

Drg No	Fig1.1_LocationMap			Figure 1.1
Rev	0.1	Date	04/06/2018	
By	RM	Layout	N/A	

1.5 Aims and Objectives of the Thanet Extension EIA Evidence Plan

1.5.1 The primary aim of this EIA Evidence Plan has been to ensure that the Applicant, VWPL, by agreement with the key statutory and non-statutory bodies, provides sufficient and proportionate information and applied appropriate and proportionate methods in the assessment for the Thanet Extension works. This information will enable PINS and the Secretary of State (SoS) to form a view on the likely significant effects (LSEs) of the proposal on European sites as required by the Habitats Regulations and on the conclusions of the EIA in terms of potentially significant, adverse (or beneficial) impacts.

1.5.2 Further to this the EIA Evidence Plan is intended to document agreement in relation to the information supporting the EIA prior to the application being made in order to ensure that the Thanet Extension DCO application provides sufficient information on those issues that are considered particularly relevant to the determination of the consent application.

1.5.3 The Thanet Extension EIA Evidence Plan furthers this primary aim by:

- Providing greater certainty for all parties that the existing baseline data held and the method and analyses used for the EIA and HRA reports satisfies the relevant legislation;
- Identifying in detail those HRA and EIA issues that have the potential to give rise to significant effects and the approach to the resolution of those issues (where possible) as early in the pre-application process as possible; and
- Focusing evidence requirements so they are proportionate to the potential impacts of the proposed activities for Thanet Extension.

1.5.4 A key objective of this EIA Evidence Plan, therefore, has been to enable and document the agreement of the evidence and data that supports the HRA and EIA for Thanet Extension between all parties; such that all parties can be certain that the evidence provided as part of the application is sufficient to allow the determination of the application. In particular, the EIA Evidence Plan process (the scope) has allowed consideration of the EIA and HRA reports prepared in support of the application, including:

- The scope for each of the relevant topic specific assessments;
- The study areas for each of the relevant topic specific assessments;
- Sufficiency of the site specific data and analysis currently held/ conducted or any additional proposed and required for the assessment of potential effects;
- The receptors that have been addressed;
- Key potential issues for each receptor;

- Key uncertainties in relation to the HRA and EIA for relevant receptors and how these have been addressed;
- The mitigation and monitoring that is likely to be proposed in the HRA and EIA to reduce potential effects (if required); and
- Information on other projects/ plans included in the in-combination/ cumulative assessment and matters relevant to transboundary issues (where relevant).

1.6 Outputs of the Thanet Extension EIA Evidence Plan

1.6.1 The outputs from this EIA Evidence Plan makes an important contribution to:

- The Applicant's final Report to Inform Appropriate Assessment (Document Ref: 5.2) and the ES that accompanies the application;
- Identifying and agreeing any mitigation and/ or monitoring in respect of any of the issues considered by the EIA Evidence Plan, as well as informing, where relevant, any discussion of derogations under article 6(4) of the Habitats Directive;
- The Statements of Common Grounds (SoCGs) that may be developed (following the application) between the statutory bodies involved and the Applicant, setting out those areas of agreement relating to the sufficiency of the evidence provided and the assessments methods employed (and any disagreements that remain in this regard);
- The examination of the application by PINS for those topics and issues addressed by the EIA Evidence Plan process (the scope); and
- The final determination of the application, including any appropriate assessment that ultimately needs to be undertaken by the Secretary of State as the competent authority.

2 Background to the proposed development

2.1 The Thanet Extension Project

- 2.1.1 TOWF has been operational since 2010 when Thanet Offshore Wind Ltd was acquired by the Vattenfall group prior to construction in 2008. The site comprises 100 Vestas V90 3.0 MW turbines and is situated approximately 11 km off the east coast of Kent. In 2009, The Crown Estate (TCE) offered VWPL the right to extend Kentish Flats Offshore Wind Farm and TOWF, however only Kentish Flats Extension was taken forward at that point. In 2014, following a wider review of VWPL's offshore wind strategy and whilst Kentish Flats Extension was under construction, the possibility of extending TOWF was revisited. TOWF is owned and operated by a subsidiary of VWPL – Thanet Offshore Wind Ltd (TOWL).
- 2.1.2 In early 2015, VWPL undertook some initial desk based feasibility work and constraints mapping using existing data and site knowledge, the results of this exercise were used to delineate a preliminary OWF site boundary and offshore cable corridor area of interest. The emphasis at this stage was to determine whether the project was likely to be economically viable, technically feasible and environmentally acceptable.
- 2.1.3 In late 2015, following a favourable outcome to early analyses, VWPL took the decision to proceed with early development activity for Thanet Extension, namely: offshore site characterisation surveys, progressing a grid connection, further cable routing work and initiation of informal engagement with key stakeholders to gain their feedback on the early design.
- 2.1.4 The following paragraphs provide a brief overview of the key components of Thanet Extension. Volume 2, Chapter 1: Project Description (Offshore) and Volume 3, Chapter 1: Project Description (Onshore) of the ES (Document Refs: 6.2.1 and 6.3.1 respectively) which present the project description for the offshore and onshore components respectively, describe the proposed development in more detail and include consideration of all temporary and permanent works required for the construction, operation and maintenance (O&M), and decommissioning of Thanet Extension.

- 2.1.5 Thanet Extension will have a total capacity of up to 340 MW and will include offshore (including up to 34 turbines) and onshore infrastructure.
- 2.1.6 The Thanet Extension array area (the area in which the offshore turbines are located) is around 70 km², and is located approximately 8 km north-east of the Isle of Thanet. Thanet Extension area lies around the existing TOWF, which has a similar physical environment.
- 2.1.7 The Thanet Extension Offshore Export Cable Corridor (OECC) extends from the south-western boundary of the Thanet Extension array area in a south-westerly direction to Pegwell Bay on the Kent coast. The OECC is approximately 30 km in length.
- 2.1.8 The electricity generated will be transmitted via buried export cables. From the landfall at Pegwell Bay, underground or berm laid onshore cables will connect the wind farm to an onshore substation at Richborough, which will in turn connect to an existing National Grid substation. The onshore export cable corridor will be approximately 2.5 km in length.
- 2.1.9 The application also includes any temporary or permanent works required for the construction, operation and decommissioning of the project infrastructure. Details on such requirements have been clarified as far as possible during the EIA Evidence Plan process (the scope), along with information on the timings of works, where relevant.
- 2.1.10 It should be noted that given the stage the project is currently at, there remains uncertainty regarding the construction timetable for the project, the supply chain and the technologies that may be available. As such, a Rochdale Envelope² has been described as a basis for undertaking both the EIA and HRA assessments; where information regarding this is available and relevant it has been incorporated into the EIA Evidence Plan process (the scope).

² Case law (i.e. R.V. Rochdale MBC Ex Part C Tew 1999 – "the Rochdale case") set a precedent that "indicative" sketches and layouts, etc, cannot provide a sufficient basis for the determination of applications for outline planning permission for EIA development. In respect of DCO consent, the final scheme constructed must have been covered by the scope of the EIA.

3 The Thanet Extension Evidence Plan – Roles and Responsibilities

3.1 Introduction

3.1.1 The roles and responsibilities of the organisations included in the EIA Evidence Plan consultation process for Thanet Extension were presented at the kick off meetings (21st October 2016 (Steering Group_ and seven Technical Review Panel meetings (27th February, 28th February and 28th March 2018) for the Steerco and Technical Review Panels respectively) and subsequently agreed through the Terms of Reference. The roles and responsibilities are highlighted below and summarised in Table 3.3. Membership of the Steering Group and Review Panels is set out under paragraphs 3.7.1 and 3.8.1 and Table 3.1 in and Table 3.2 respectively.

3.2 Roles and Responsibilities of the EIA Evidence Plan Stakeholders

3.2.1 The role of the parties involved is briefly summarised as follows:

- **The Thanet Extension development team** – The process (the scope) has been overseen by the Applicant’s (VWPL) development team for the Thanet Extension DCO application. The role of the development team has been to define the aims of the project, to develop the overall development programme for the application and to ensure that this programme was adhered to. More information on the role of the development team is set out in section 3 of this report.
- **The Evidence Plan Steering Group** – The Steering Group is chaired by PINS. In summary, the role of the Steering Group was to:
 - Agree the principles, programme and specific working arrangements for the development and delivery of the EIA Evidence Plan;
 - Oversee the delivery of the EIA Evidence Plan;
 - Agree any updates or changes to the EIA Evidence Plan that may arise;
 - Discuss, agree and sign off specific issues and decisions arising from the work of the Expert Working Groups; and
 - Where necessary to discuss and where possible resolve any differences or disagreements prior to the proposed application date.

- **Topic specific Review Panels** - In summary, the role of topic specific Technical Review Panels was to:
 - Review the EIA Evidence Plan annexes, EIA Evidence Plan logs or other information provided;
 - Meet to discuss the sufficiency of the evidence provided and agree key topics and issues for the EIA and HRA process (including issues to be scoped in/out – with due regard to the PINS Scoping Opinion) and the approach and methods for the EIA/HRA (including, for example, methods for assessment, worst-case scenarios and thresholds for significant impacts/ adverse effects on integrity, projects to consider in-combination/ cumulative);
 - Provide feedback to the Steering Group on key areas of agreement and disagreement and progress in each topic area; and
 - Provide input into the development of the EIA Evidence Plan and associated pre- and/or post-application Statements of Common Grounds (SoCGs).

3.3 Development Team

3.3.1 The development team comprises of the Applicant (VWPL) and its appointed advisors for HRA and EIA. The Applicant has overall responsibility for the application and ensuring the information required to support the application is obtained and consulted upon.

3.3.2 The Applicant has requested an EIA Evidence Plan and so takes the primary responsibility for ensuring that a process for the development and delivery of the EIA Evidence Plan is agreed with PINS and the stakeholders of the EIA Evidence Plan process.

3.3.3 In addition, the role of the Development Team has been to:

- Draft and maintain the EIA Evidence Plan;
- Collect, analyse and assess the evidence;
- Co-ordinate consultation and Steering Group and Review Panel meetings;
- Ensure that documents are provided in a timely manner to allow review/ comment within agreed time periods set out in the Terms of Reference (ToR);
- Work with the relevant authorities to resolve as many issues as possible at the pre-application stage (and to record issues that are agreed, or not agreed, in SoCGs); and
- Finalise the HRA Report and ES in accordance with the evidence agreed through the EIA Evidence Plan process (the scope).

3.4 Evidence Plan Stakeholders

3.4.1 The key stakeholder for HRA is the relevant SNCB, in this instance Natural England.

3.4.2 For the wider EIA, it was appropriate for a wider group of relevant statutory authorities and non-statutory bodies to be invited into the EIA Evidence Plan process as stakeholders. The Applicant identified the following stakeholders for the EIA Evidence Plan for the Thanet Extension, all of whom agreed to participate in the process:

- Natural England (NE);
- Marine Management Organisation (MMO) (with their advisers Cefas);
- Environment Agency (EA);
- Kent County Council (KCC);
- Dover District Council (DDC);
- Thanet District Council (TDC);
- Historic England;
- Swale Borough Council;
- Essex County Council;
- Rochford District Council;
- Maldon District Council;
- Tendring District Council;
- Canterbury City Council;
- RSPB;
- Kent Wildlife Trust;
- Kent and Essex Inland Fisheries Conservation Authority (IFCA); and
- Whale and Dolphin Conservation.

3.4.3 Collectively, the above organisations are termed the ‘relevant authorities’ and have comprised the main stakeholders during the EIA Evidence Plan process. The role of the relevant authorities has been to:

- Evaluate and agree on the adequacy of evidence provided by the Applicant in support of HRA and EIA (or otherwise advise on its sufficiency) and to provide the appropriate level of technical expertise to allow them to do so in a timely manner;
- Attend relevant EIA Evidence Plan Review Panel meetings;
- Provide feedback and comments in a timely manner and to agreed deadlines throughout the pre-application phase;
- Engage with other relevant agencies on specific evidence requirements, as required; and will continue to

- Assist in the development of SoCGs with the Applicant.

3.5 The Consenting (or other Regulatory) Authorities

3.5.1 The decision-maker for the DCO application for Thanet Extension will be the Secretary of State for the Department of Business, Energy and Industrial Strategy (BEIS). BEIS will also be the competent authority for any Appropriate Assessment, as part of the HRA process, required for the DCO application. BEIS has not taken any direct role in the development or delivery of the EIA Evidence Plan.

3.5.2 The National Infrastructure Directorate of PINS is the Government Agency responsible for dealing with procedural aspects of NSIP applications on behalf of the Secretary of State. PINS were invited to provide feedback on Draft Terms of Reference. The HRA screening report was issued with the PEIR, where possible and to this end PINS representatives were invited to attend Steering Group meetings.

3.5.3 However, with its broader remit, for the purposes of this EIA Evidence Plan, PINS have undertaken the role of ensuring that BEIS are informed of progress. In their over-arching role, PINS have taken responsibility for documenting any issues that have remained unresolved throughout the duration of the EIA Evidence Plan process, for audit trail purposes. PINS have been invited to attend all Steering Group meetings.

3.5.4 The Marine Management Organisation (MMO) is also the statutory body responsible for advising PINS on marine licencing (in relation to DCO applications that include a deemed Marine Licence as is the case here). The MMO were invited to be part of the main Steering Group and were represented on relevant Review Panels along with their advisors (Cefas).

3.6 Working arrangements

3.6.1 To help ensure the smooth progress of the EIA Evidence Plan, a number of working arrangements were proposed as general principles to be followed during the EIA Evidence Plan process. These working arrangements provided a framework for contributions and input to the process by the Applicant, the Development Team, EIA Evidence Plan Stakeholders and Consenting Authorities. The principles adopted were as follows:

- Any documents prepared for a meeting should be available within agreed timescales;
- Documents, guidance and/ or advice given should be comprehensive, clear and unambiguous;
- Agreed deadlines for comment should be met, unless adequate notice is given;
- To promote efficient use of time at meetings, it is expected that all participants attending undertake adequate preparation;

- To facilitate the process requirements and effort involved, all participants should log their time spent on the EIA Evidence Plan process; and
- Communication is likely to be key to the success of the EIA Evidence Plan. A clear communication route should be established, with contributions to the process coordinated by the Applicant’s Project Manager and relevant authority’s key contacts.

3.7 Membership of the Steering Group

3.7.1 The Steering Group, chaired by PINS, comprised representatives from VWPL (the Applicant), VWPL’s advisers on HRA and EIA matters as required, and representatives from Natural England (the SNCB), the MMO (with Cefas as appropriate), the EA, relevant Local Authorities (TDC, KCC and DDC) and Historic England. Other bodies that were included within the EIA Evidence Plan process and were present on Review Panel groups agreed to be represented on the Steering Group by relevant bodies (see Table 3.1 below). The roles and responsibilities of the Steering Group members are set out in section 3 above. The membership of the Steering Group, as agreed at the first EIA Evidence Plan meeting held on 21st October 2016, is set out in Table 3.1.

Table 3.1: EIA Evidence Plan Steering Group membership and representation

Steering Group members	
Chair	PINS, Mr Richard Kent
The Development team	VWPL (Ms Helen Jameson and Ms Joanna Clements) and GoBe (Mr Sean Leake)
MMO	Ms Margaret Tierney and Ms Lindsey Booth-Huggins
Natural England	Ms Harri Morrall and Ms Rebecca Wincott
Thanet District Council	Ms Helen Johnson
Kent County Council	Ms Helen Forster
Dover District Council	Ms Fiona Runacre
Historic England	Mr Christopher Pater
Environment Agency	Ms Jennifer Wilson
Historic England	Dr Christopher Pater

3.8 Review Panel Membership

3.8.1 For practical reasons, individual topic areas within the EIA Evidence Plan were addressed through separate Technical Review Panels, with participants drawn from the Steering Group Organisations (or other stakeholders not directly represented on the Steering Group) as appropriate to the topics covered by each panel. The members of each of the Technical Review Panels were defined at the kick off meeting for each panel in consultation with relevant stakeholders and technical leads present. In October 2017, an invitation was sent to all Evidence Plan members, to ensure that any stakeholder wishing to join or receive information from another panels were given the opportunity following the evolution of the project design. These Technical Review Panels focused on a concise list of key linked topics; the topic specific panel structure and topics covered are set out in Table 3.3 below. The membership of the various Technical Review Panel groups is set out in section 3. The roles and responsibilities of the Review Panel members are set out in section 3 above. The membership of the various Review Panels, as agreed at the first EIA Evidence Plan meeting held on 28th February 2017 and subsequently updated in October 2017, is set out in Table 3.2.

Table 3.2: EIA Evidence Plan Review Panel membership

Review Panel (Thanet Extension Project team lead contact)	Membership*
HRA (Sally Kazer, GoBe Consultants)	Natural England (offshore); MMO and Cefas; Kent County Council; RSPB (offshore); Kent Wildlife Trust (offshore); Kent and Essex IFCA; Whale and Dolphin Conservation and Rochford District Council.
Offshore ecology (Sammy Mullan, GoBe Consultants)	Natural England (offshore); MMO and Cefas; Kent County Council; RSPB (offshore); Environment Agency; Kent Wildlife Trust (offshore); Kent and Essex IFCA; and Whale and Dolphin Conservation*.
Offshore ornithology (Sean Sweeney, Apem)	Natural England (offshore); RSPB (offshore); Kent Wildlife Trust (offshore); and Kent County Council*.
Onshore ecology and ornithology (Duncan Watson, SLR consulting; Caroline Gettinby, Amec Foster Wheeler; and Ian Simms, Amec Foster Wheeler))	Natural England (onshore); MMO and Cefas; Kent Wildlife Trust (onshore); Thanet District Council; RSPB (Onshore); Kent County Council; and Dover District Council.
Offshore Historic Environment (Euan McNeil, Wessex Archaeology)	Historic England; MMO; Kent County Council; and Rochford District Council*.
Onshore Historic Environment (John Mabbitt; Amec Foster Wheeler)	Historic England; Kent County Council; and Rochford District Council*.
Ground Conditions, Contaminated Land and Flood Risk (Shaun Salmon, Amec Foster Wheeler)	Environment Agency; Thanet District Council; Kent County Council; and Dover District Council.
Human environment (including Air quality, noise and transport) (Martin Wood, Amec Foster Wheeler)	Thanet District Council; Kent County Council; and Dover District Council.
Landscape and Visual (Simon Martin, Optimised Environments)	Thanet District Council; Kent County Council; Dover District Council; Swale Borough Council; Essex County Council; Rochford District Council; Maldon District Council; and Canterbury City Council.

*some members were for information purposes only

Table 3.3: Evidence Plan summary of roles and responsibilities

Organisation	Summary of Roles and Responsibilities	Contacts
Thanet Extension and advisors (the development team)	<ul style="list-style-type: none"> • Applicant - preparation and submission of NSIP application • Ownership of application process, including EIA, HRA and EIA Evidence Plan preparation • Engagement with relevant consultees and consenting bodies • Dissemination of information and submission of relevant documents to consultees and consenting bodies for consultation • Organisation of Steering Group and Review Panel meetings • Preparation and maintenance of EIA Evidence Plan • Preparation of HRA report (including screening) • Preparation of the onshore and offshore EIA 	<ul style="list-style-type: none"> • Helen Jameson (Project Manager) (VWPL) • Göran Loman (Consents Manager) (VWPL) • Jesper Kyed Larsen (Technical Expert) (VWPL) • Daniel Bates (Consents Manager) (VWPL) • Sean Leake (EIA Evidence Plan Lead) (GoBe) • Sammy Mullan (Offshore Topic Lead) (GoBe) • Other technical consultants as required
Consenting (or other Regulatory) Authorities		
The Evidence Planning Inspectorate (PINS) National Infrastructure Directorate	<ul style="list-style-type: none"> • Government Agency responsible for dealing with procedural aspects of NSIP applications on behalf of the Secretary of State; • Attends and chairs Steering Group meetings; • Overseeing and monitoring the EIA Evidence Plan process; and • If necessary, facilitating agreement of EIA Evidence Plans 	<ul style="list-style-type: none"> • Richard Kent
MMO (and their advisers Cefas)	<ul style="list-style-type: none"> • Statutory body for advising PINS on marine licencing for DCO applications with a deemed Marine Licence; • Evaluation and advice of the evidence provided by the Applicant in support of EIA; • Attendance at agreed Steering Group and Review Panel meetings; and • Engagement with Cefas on specific evidence requirements, as required. 	<ul style="list-style-type: none"> • Margaret Tierney (MMO, Marine Licensing Case Officer) • Paul Kirk (MMO, Case Manager) • Lindsey Booth-Huggins (Case Manager) • Richard Green (Case Manager) • Georgina Eastley (Cefas Technical Advisor) • Jacqueline Eggleton (Cefas Technical Advisor) • Rebecca Faulkner (Cefas Technical Advisor) • Other Cefas technical specialists as required
Other EIA Evidence Plan Stakeholders		
Natural England	<ul style="list-style-type: none"> • Statutory Nature Conservation Body and advisor on marine nature conservation issues within 12nm, and beyond 12nm for offshore renewables applications; • Provision of case work support for Thanet Extension; • Evaluation and advice of the evidence provided by the Applicant in support of HRA and EIA; • Attendance at agreed Steering Group and Review Panel meetings; and • Engagement with other relevant agencies on specific evidence requirements, as required. 	<ul style="list-style-type: none"> • Claire Ludgate (Marine Mammals Advisor) • Tim Frayling (Ornithological Advisor) • Harri Morrall (Case Manager) • Christina Relf (Marine Advisor) • Alex Fawcett (Marine Advisor) • William Hutchinson (Case Manager) • Heather Twizzell (Onshore Advisor)
Environment Agency	<ul style="list-style-type: none"> • Statutory body responsible to Defra; • Evaluation and advice of the evidence provided by the Applicant in support of EIA; and • Attendance at agreed Steering Group and Review Panel meetings. 	<ul style="list-style-type: none"> • Jennifer Wilson • Ian Humphyres • Other EA technical specialists as required.

Organisation	Summary of Roles and Responsibilities	Contacts
Kent County Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • HRA • Marine ecology; • Offshore ornithology; • Onshore ecology and ornithology; • Offshore historic environment; • Onshore historic environment; • Groundwater, contaminated land and flood risk • Human environment; and • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Hannah Clements • And other technical specialists
Dover District Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Onshore ecology and ornithology; • Groundwater, contaminated land and flood risk • Human environment; and • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Fiona Runacre (Case Officer) • Lucinda Roach (Case Officer) • Nick Delaney (Planning and Ecology) • And other technical specialists
Thanet District Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Onshore ecology and ornithology; • Groundwater, contaminated land and flood risk • Human environment; and • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Helen Foster • Ian Livingston • And other technical specialists
Swale Borough Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Anna Stonor
Essex County Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Lesley Stenhouse
Rochford District Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Matthew Thomas
Maldon District Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Ian Butt
Tendring District Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Gary Guiver
Southend on Sea Borough Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Mark Sheppard

Organisation	Summary of Roles and Responsibilities	Contacts
Canterbury City Council	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Landscape and Visual Impacts. 	<ul style="list-style-type: none"> • Simon Thomas
Historic England	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Offshore historic environment; and • Onshore historic environment; 	<ul style="list-style-type: none"> • Chris Pater • Alice Brockway
RSPB	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Offshore ornithology; and • Onshore ecology and ornithology. 	<ul style="list-style-type: none"> • Dora Querido (RSPB, Onshore Case Officer) • Alex Sansom (RSPB, Offshore Case Officer)
Kent and Essex Inland Fisheries Conservation Authority	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Marine ecology. 	<ul style="list-style-type: none"> • Rob Dyer
Whale and Dolphin Conservation.	The attended or received information for the following technical panels - <ul style="list-style-type: none"> • Marine ecology. 	<ul style="list-style-type: none"> • Vicki James
Kent Wildlife Trust	Roles and responsibilities: <ul style="list-style-type: none"> • NGO for nature conservation in Kent; • Evaluation and advice of the evidence provided by the Applicant in support of EIA; and • Attendance at agreed Review Panel meetings. 	<ul style="list-style-type: none"> • Vanessa Evans (Onshore advisor) • Bryony Chapman (Offshore advisor) • Alice Morley (Offshore advisor)

4 Approaching to completing the EIA Evidence Plan

4.1 Introduction

4.1.1 This section presents the working arrangements and the timetable for drafting and finalising the EIA Evidence Plan for Thanet Extension and relevant HRA and EIA consultation. VWPL have sought to reach agreement with all key parties on the EIA Evidence Plan and throughout the EIA Evidence Plan process in line with the key milestones agreed with the stakeholder organisations.

4.1.2 An outline of the HRA and EIA Programme incorporating the key milestones in the EIA Evidence Plan process (the scope), as well as the broader pre-application consultation milestones, is provided in Table 4.1.

4.2 Approach to the EIA Evidence Plan process

4.2.1 The EIA Evidence Plan has been developed and delivered through the Steering Group and Review Panels as defined in paragraph 3.2.1 *et seq.* and as set out under paragraphs 3.7.1 and 3.8.1.

4.2.2 The following sets out the key stages in developing and completing the EIA Evidence plan:

- Stage 1 - Drafting of the Terms of Reference of by VWPL and circulation to the proposed stakeholders for review [COMPLETE –was provided to the Steering Group on 7th October 2016];
- Stage 2 - EIA Evidence Plan kick-off meeting to discuss the draft EIA Evidence Plan and provide feedback on the draft and agree the proposed approach, key topic areas and proposed topic specific Review Panels (as listed in Table 3.2), the program and key milestones, Steering Group members and the scope of key issues to be addressed and discussion on the next stages; initial meeting of Review Panel groups to discuss scope of issues and information reviewed in the scoping report and further requirements [COMPLETE - these meetings were held on 27th -28th February 2017 (and 28th March 2017 for LVIA and Cultural Heritage) in London];

- Stage 3 - Issue of the revised EIA Evidence Plan to the Steering Group taking account of comments received following the first EIA Evidence Plan meeting [COMPLETE – the previous draft represented the revised version taking account of comments received and agreed changes of approach as discussed at the first EIA Evidence Plan meeting held on 28th February 2017. Amendments were subsequently received and a revised draft issued on the 31st March 2017.] This current document presents the final draft of the EIA Evidence Plan report;
- Stage 4 - Provision of additional information to the topic specific Review Panels (this has been an ongoing process at intervals throughout the development of the EIA Evidence Plan, as required) (see Table 4.1). Further information is presented in Appendix II [COMPLETE];
- Stage 5 - Follow up topic specific Review Panel meetings (held separately by topic as appropriate) to discuss the additional information provided and outstanding issues and agree (where possible) the sufficiency of the data, key impacts to be addressed, EIA methods to be employed, issues scoped out of the EIA, scope of the HRA report etc. [COMPLETE];
- Stage 6 - Following the stage of formal consultations under the Evidence Planning Act 2008 statutory requirements (commonly referred to as Section 42 (statutory bodies) and Section 47 ('community' consultation))³, further Steering Group and Review Panel meetings have been undertaken as required to review the draft ES and HRA report and the conclusions therein and to highlight remaining key issues, areas of agreement and disagreement. This process has set the framework for the development of SoCGs to be developed in the light of comments made in response to the consultation exercises (ongoing as required); and
- Stage 7 - EIA Evidence Plan finalised prior to application being available made to PINS. [COMPLETE - document submitted for review and sign-off on 28th June 2018].

³ Section 42 of the 2008 Act requires an a developer to undertake formal consultation with 'prescribed' statutory bodies on the proposed scheme and to provide appropriate 'consultation documents' to support that consultation; a minimum period of 28 days is set out in the Act for this consultation.

Section 47 of the Act requires a developer to undertake formal consultation with local communities in the manner set out in the Statement of Community Consultation (SoCC) that must be developed in consultation with relevant local authorities and then published locally; Preliminary Environmental Information must be provided alongside other suitable consultation information; a minimum period of 28 days is set out in the Act for this consultation.

Table 4.1: Evidence Plan and EIA/ HRA pre-application programme

Evidence Plan Stage	Evidence Plan and HRA/EIA Consultation Activity	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
1	Provision of the Terms of Reference																						
2	Kick Off meeting - Terms of Reference agreed					28-Feb	28-Mar																
2 & 7	Steering Group meetings	21-Oct								26-Jun													
3	Issue of revised Evidence Plan																						27-Jun
4	Provision of the additional information to Review Panels																						
	HRA									15-Jun	24-Jul		28-Sep								30-Apr		
	Offshore ecology RP					28-Feb		05-Apr		28-Jun	04-Jul, 24-Jul &			23-Oct	17-Nov		31-Jan						
	Offshore ornithology			09-Dec		28-Feb		04-Apr			24-Jul				17-Nov	12-Dec							

Evidence Plan Stage	Evidence Plan and HRA/EIA Consultation Activity	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
	Onshore Ecology RP							04-Apr			24-Jul				16-Nov	18-Dec		15-Feb				
	Offshore Historic Environment RP							04-Apr			24-Jul				17-Nov			09-Feb	08-Mar			
	Onshore Historic Environment RP							11-Apr		06-Jun	24-Jul				16-Nov							
	Ground Conditions, Contaminated Land and Flood Risk RP							04-Apr			24-Jul					08-Dec & 18-Dec						
	Human Environment RP							04-Apr			24-Jul	07-Aug								06-Apr & 26-Apr	22-May	
	Landscape and Visual RP						31-Mar	25-Apr	29-May	13-Jun	05-Jul				16-Nov & 17-Nov	18-Dec		13-Feb				
2, 5 & 7	Review Panel Meetings																					
	HRA										11-Jul & 12-Jul			02-Oct								
	Offshore ecology RP					28-Feb			26-May		12-Jul			04-Oct			26-Jan					17-May
	Offshore ornithology			09-Dec		28-Feb		25-Apr		13-Jun	12-Jul			04-Oct		12-Dec						
	Onshore Ecology RP					28-Feb					11-Jul			03-Oct				08-Feb		19-Apr	17-May	

Evidence Plan Stage	Evidence Plan and HRA/EIA Consultation Activity	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
	Offshore Historic Environment RP					28-Feb					07-Jul & 12-Jul			04-Oct			31-Jan	08-Feb	09-Mar			
	Onshore Historic Environment RP					27-Feb	28-Mar		17-May	13-Jun	11-Jul				16-Nov							
	Ground Conditions, Contaminated Land and Flood Risk RP					28-Feb					11-Jul	23-Aug		03-Oct		08-Dec & 18-Dec						
	Human Environment RP					28-Feb					11-Jul			03-Oct								
	Landscape and Visual RP						28-Mar			17-Jun				03-Oct & 04-Oct						19-Apr		
8	Finalise EIA Evidence Plan																					
Parallel EIA Process and Key Milestones																						
	EIA Scoping																					
	HRA screening																					
	Production of draft ES and HRA report (PEI)																					
	Section 42 and Section 47 statutory consultations																					
	Finalise HRA and EIA																					
Application to PINS																						

- 4.2.3 During the Steering Group and Technical Review Panel process, the EIA Evidence Plan has been revised where necessary to document the meetings held and to highlight the issues where agreement has been reached and, where necessary, any areas of disagreement that remain. Through this iterative process it has been possible to reach agreement on the evidence used and the findings of the EIA and HRA process in the pre-application stage.
- 4.2.4 This EIA Evidence plan report is intended to identify the key areas of agreement and any outstanding areas of disagreement is clearly documented (these will then form the basis of the post-application SoCGs).
- 4.2.5 The timeframe for the EIA Evidence Plan process coinciding with the main stages set out above are given in Table 4.1, alongside the broader pre-application process and particularly the main EIA stages and statutory consultation periods.

4.3 Recording the EIA Evidence Plan Process

- 4.3.1 As outlined in the Defra Guidance on EIA Evidence plans for NSIPs (Defra, 2012), the EIA Evidence Plan has been a working document. A record of all consultation that has been undertaken during its drafting and with regards to the HRA and EIA for Thanet Extension with consenting bodies, the statutory and non-statutory bodies has therefore been maintained. This record also documents current working (i.e. unresolved) issues and includes a working action log. The EIA Evidence Plan logs (for each topic area considered) are provided (separately) as excel spreadsheets for the purposes of this draft final EIA Evidence Plan report. Summary sheets for each topic are provided at Appendix I.
- 4.3.2 The Technical Panel lead contacts and the VWPL project team have been responsible for drafting records of meetings etc., with stakeholders asked to comment on and approve the records of the consultation throughout the process as well as the working versions of the EIA Evidence Plan logs.

4.4 Consultation programme

- 4.4.1 The programme for the EIA Evidence Plan process and the broader completion of the HRA and EIA and pre-application consultations is outlined in Table 4.1 It has been of the utmost importance that this programme has been met in order for the EIA Evidence Plan process to assist the application and subsequent examination process. All stakeholders committed to this programme at the outset enabling this EIA Evidence Plan to achieve the objectives and deliver significant benefit to the wider pre-application process.

4.5 Presenting the Evidence – Format of the EIA Evidence Plan and Topic Annexes

- 4.5.1 The reports and draft documents issued were supplied to the Steering Group and Review Panel members as applicable in electronic (soft) copy format via email. These reports and documents are summarised in Appendix II for each Technical Review Panel and those not included in the application are provided in Appendix III.

- 4.5.2 The topic specific EIA Evidence Plan annexes are presented in Appendix II, of this report, as a record of the additional information provided to stakeholders in each case.
- 4.5.3 Each of the topic specific annexes under Appendix I of this report has a cover sheet summarising the position reached, followed by any additional information provided.

4.6 Cumulative Impact Assessment (CIA) Process

- 4.6.1 The CIA is presented on a topic by topic basis within the relevant technical chapters of ES. The topic specific CIA draws on a full list of plans and projects that might act cumulatively with the Thanet Extension works; for selected topics agreement on the EIA Evidence Plans and projects to be included in the CIA was sought during the EIA Evidence Plan process.
- 4.6.2 Given the variable level of information available on individual plans and projects, to enable consistency of approach a tiered system has been taken forward for Thanet Extension assessments where appropriate, as agreed as part of the Review Panel process. For a tiered approach, plans and projects where a good level of information is publicly available are classed as Tier 1, those which are perhaps less advanced and have less information available are classed as Tier 2 and plans and projects where minimal information is available are classed as Tier 3. The approach enables plans and projects within each tier to be included within the CIA at an appropriate level. The detailed approach to be taken by Thanet Extension CIA is presented in Cumulative Impact Assessment of the ES (Document Ref: 6.1.1.3). The Annex includes an updated version of the projects list(s) presented both tabular and spatial formats.

4.7 Transboundary

- 4.7.1 A Transboundary Screening Opinion was produced by PINS (PINS, 2017b) on the basis of the initial Scoping Report submitted by Vattenfall Wind Power Ltd. This document was published and disseminated to the relevant EEA states by PINS.
- 4.7.2 The transboundary screening for Thanet Extension concluded via a letter to VWPL (on 7th July 2017) that:

‘Under Regulation 24 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009 (as amended) (the EIA Regulations) and on the basis of the current information available from the applicant, PINS is of the view that the Proposed Development is likely to have a significant effect on the environment in another EEA State.’

‘In reaching this view PINS has applied the precautionary approach (as explained in the Evidence Planning Inspectorate’s Advice Note 12: Transboundary Impacts Consultation); and taken into account the information currently supplied by the applicant.’

4.7.3 In addition, the PEIR was sent to transboundary consultees and additional project information has been made available online by VWPL. The consultation responses received to date have informed the identification and screening of likely significant transboundary effects addressed in this ES. The Regulation 6 Notice has also provided consideration of transboundary impacts. Transboundary Impact Screening undertaken was included within the Report to Inform Appropriate Assessments (Document Ref: 5.2).

4.7.4 The potential for transboundary effects are considered in the following documents in the application:

- Benthic subtidal and intertidal ecology (Document Ref: 6.2.5);
- Fish and Shellfish ecology (Document Ref: 6.2.6);
- Marine mammals (Document Ref: 6.2.7);
- Offshore archaeology (Document Ref: 6.2.13);
- Seascape, Landscape and Visual (Document Ref: 6.2.12);
- Landscape and Visual (onshore) (Document Ref: 6.3.2);
- Water Quality and Sediment Quality (Document Ref: 6.2.3);
- Commercial Fisheries (Document Ref: 6.2.9);
- Offshore Ornithology (Document Ref: 6.2.4);
- Onshore Biodiversity (Document Ref: 6.3.5); and
- Noise and Vibration (Document Ref: 6.3.10).

4.7.5 The issue of transboundary impacts is therefore considered to have been addressed through the EIA process and there is no need to cover this aspect further within the EIA Evidence Plan discussions.

4.8 EIA Evidence Plan status and progress

4.8.1 The status of issues arising for each of the topic areas discussed by the Review Panels based on information provided by the Applicant and discussions held (and based on the positions adopted in the Scoping Opinion as a starting point) are set out in the EIA Evidence Plan logs which have been maintained for each Technical Review Panel topic area. A summary of key areas of agreement and document provision are presented in Appendix I for each for the Technical Review Panels.

4.8.2 The final versions of the EIA Evidence Plan logs are provided in Appendix III of this report. In summary, however, the principal points of agreement and remaining areas of disagreement are presented below.

4.9 Habitats Regulation Assessment

Screening

4.9.1 The HRA Screening Report (Document Ref: 5.2.1) was issued to the HRA technical panel on 15th June 2017 for consultation. The report was amended on receipt of consultation responses and re-issued to the HRA technical panel 28th September, with agreement on the document (and its conclusions) reached during a technical panel meeting held on 2nd October 2017. This document was submitted with the PEIR for S42 consultation.

RIAA

4.9.2 Based on the conclusions of the HRA Screening report, the Report to Inform Appropriate Assessment (RIAA) (Document Ref: 5.2) was prepared as the next step of the HRA process. As agreed with the technical panel, the RIAA was prepared to assess each effect with the relevant designated sites screened against the effect. The determination of Likely Significant Effect (LSE) for in-combination has been undertaken using a tiered approach, similarly to the ES, as agreed in the meeting held on 2nd October 2017. The RIAA was submitted to the HRA technical panel on 30th April 2018. The RIAA was updated in accordance with the consultation received and is submitted with the Thanet Extension DCO application.

4.10 Offshore Ecology

4.10.1 The scope of assessment, study area extents, baseline characterisations and assessment approaches for offshore ecology topics have been agreed, either through the scoping process or directly addressed through discussions and provision of evidence as part of this EIA Evidence Plan. No specific monitoring requirements have been agreed through the review process panel. However, discussions on the concepts of saltmarsh reinstatement and *Sabellaria spinulosa* reef (listed as a NERC habitat) have been undertaken. The concepts of these have been applied to the Saltmarsh Reinstatement, Monitoring and Mitigation Plan (Document Ref: 8.13) and Biogenic Reef Plan (Document Ref: 8.15) which have been provided with the application.

4.10.2 Further information is presented in the offshore ecology summary cover sheet (Appendix I), with detail provided in the accompanying EIA Evidence Plan log (Appendix III).

4.11 Offshore Ornithology

- 4.11.1 Identification of sensitive receptors, scope of assessment, data coverage, baseline characterisation and study extents have been agreed either through the scoping process or through discussions in the review panel meetings. It was agreed through the EIA Evidence Plan that the baseline characterisation surveys would be undertaken as aerial rather than boat based for 24 months; the data from these surveys have informed the PEIR and the ES. The methodology (including model preference) for undertaking Collision Risk Modelling (CRM) has been discussed at length during the review panel meetings with the Band (2012) model has adopted for the application (within the RIAA and the technical chapter and annexes). However, there are some disagreements as to application of methodology, such as buffers and percentage of displacement in sensitive species, with detail provided in the accompanying EIA Evidence Plan log (Appendix III).
- 4.11.2 Further information is presented in the offshore ecology summary cover sheet (Appendix I).

4.12 Terrestrial Ecology

- 4.12.1 The study area extents, scope of assessment, data coverage and baseline characterisation and survey approaches, identification of sensitive receptors to be included in the assessment, habitat mapping and assessment approaches for the terrestrial ecology assessment have been agreed, either through the scoping process or directly addressed through discussions and provision of evidence as part of this EIA Evidence Plan.
- 4.12.2 The approach to dealing with areas where access has not been possible (principally within the Sandwich and Pegwell Bay National Nature Reserve for spring activity surveys and eDNA of a water body) has also been agreed with Natural England. This agreement includes both the adequacy of the existing data for all areas for the purposes of assessment and the commitment to undertaking pre-construction surveys in order to confirm mitigation requirements in line with the Outline Landscape and Ecology Management Plan (Outline LEMP) (Document Ref: 8.7).
- 4.12.3 Further information is presented in the terrestrial ecology topic summary cover sheet (Appendix I) with detail provided in the accompanying EIA Evidence Plan log (Appendix III).

4.13 Offshore Historic Environment

- 4.13.1 The study area extents, scope and methodology of the assessment (including indirect effects on Goodwin Sands, assessment of Unexploded Ordnance (UXO) and inclusion of beneficial effects), adequacy of the evidence base for baseline characterisation and assessment approaches have been agreed as appropriate for the historic seascape character assessments for the Thanet Extension application. The review panel agreed to an Outline WSI, for offshore works, to be submitted with the application. The document will be finalised on completion of detailed design, see Document Ref: 8.6. The technical annexes (Document Refs: 6.4.13.1 and 6.4.13.2) which support the ES assessment were submitted for review and were agreed through the Technical Review Panel.
- 4.13.2 Further information is presented in the offshore historic environment summary cover sheet (Appendix I), with detail provided in the accompanying EIA Evidence Plan log (Appendix III).

4.14 Onshore Historic Environment

- 4.14.1 Identification of the scope of assessment, baseline characterisation and study extents have been agreed either through the scoping process or through discussions in the review panel meetings. The provision of a Desk Based Assessment was agreed and provided within the application (Document Ref: 6.5.7.1).
- 4.14.2 Further information is presented in the onshore historic environment summary cover sheet (Appendix I), with detail provided in the accompanying EIA Evidence Plan log (Appendix III).

4.15 Ground Conditions, Land use and Flood Risk

Ground Conditions and Land Use

- 4.15.1 The adequacy of baseline data, scope of assessment, key receptors for consideration and scope were agreed through technical review panel discussion and through email correspondence. Discussions have been held to discussion post-consent (if granted) surveys, management and monitoring requirements.
- 4.15.2 Further information is presented in the ground conditions, land use and flood risk topic summary cover sheet (Appendix I) with detail provided in the accompanying EIA Evidence Plan log (Appendix II).

Hydrology and Flood Risk

- 4.15.3 The baseline data used to inform the assessments was agreed in the technical review panel discussions. It was agreed to include both a Flood Risk Assessment and a Water Framework Directive assessment within the Thanet Extension application as part of the scoping process, see Documents 6.5.6.2, 6.4.3.1 and 6.3.6. The scope of these assessment was agreed. Discussions have been held over the ownership and disruption of the seawall present at the edge of the historic landfill, the storage of materials in flood zones and the requirement to cross the Minster Stream with cables.
- 4.15.4 Further information is presented in the ground conditions, land use and flood risk topic summary cover sheet (Appendix I) with detail provided in the accompanying EIA Evidence Plan log (Appendix III).

4.16 Human Environment

Air Quality

- 4.16.1 It was agreed that the TDC Local Air Quality Management Review and assessment would form the baseline characterisation information for the assessment. In addition, it was agreed to apply the AQM 2014 and IAQM/EPUK 2017 guidance within the assessment. The methodology for scoping out air quality impacts was agreed in accordance with appropriate guidelines. The scope of the assessment, including inter-relationships with other receptors is discussed and assessed where appropriate (i.e. greater than the IAQM scoping out thresholds) within the ES assessment. The construction traffic flows for assessment have been agreed with KCC.
- 4.16.2 Further information is presented in the Air Quality sub-topic is provided in the Human Environment topic summary cover sheet (Appendix I) with detail provided in the accompanying EIA Evidence Plan log (Appendix III).

Traffic and Transport

- 4.16.3 The assessment scope, methods of assessment using GEART, receptor sensitive and baseline data have been agreed through discussions and provision of evidence as part of this EIA Evidence Plan. The worst-case estimated vehicle movements including abnormal loads, throughout the lifetime of the project, were provided to relevant stakeholders as the design of the project evolved. The working hours during construction have been discussed to understand how strategic road networks maybe affected by staff movements. An Access Management Strategy and an Abnormal Indivisible Load Access Study have been provided with the application (Document Refs: 8.4 and 6.5.8.1 respectively) as agreed through discussions in the review panel consultation.
- 4.16.4 Further information is presented in the Traffic and Transport sub-topic is provided in the Human Environment topic summary cover sheet (Appendix I) with detail provided in the accompanying EIA Evidence Plan log (Appendix III).

Noise and Vibration

- 4.16.5 The study scope (including cumulative assessment), identification of noise receptors and the assessment approach for determining significance have been agreed, either through the scoping process or directly addressed through discussions and provision of evidence as part of this EIA Evidence Plan. The baseline noise characterisation survey methodology has also been agreed.
- 4.16.6 Further information is presented in the noise and vibration sub-topic is provided in the Human Environment topic summary cover sheet (Appendix I) with detail provided in the accompanying EIA Evidence Plan log (Appendix III).

4.17 Landscape and Visual

- 4.17.1 The study area extents, scope of assessment, selection of viewpoints and production of photomontages and wirelines, baseline characterisations and assessment approaches for landscape and visual receptors topics have been agreed through review panel discussions and provision of evidence as part of this EIA Evidence Plan process. There are no outstanding areas of disagreement or ongoing discussions related to this topic.
- 4.17.2 Further information is presented in the landscape and visual summary cover sheet (Appendix I).

5 Appendix I – Topic Specific Annex Cover Sheets

5.1 Appendix I, Annex A – HRA

Review Panel Name:	HRA
Review Panel Lead (for/on behalf of Thanet Extension):	Sally Kazer (SK) GoBe Consultants
Review Panel Members	
Name (initials)	Organisation
Duncan Watson	SLR Consulting
Sean Sweeney	Apem
Roger Buisson	Apem
Jackie Eggleton	Cefas
Georgina Eastley	Cefas
Ian Humphreys	Environment Agency
Jennifer Wilson	Environment Agency
Sean Leake	GoBe Consultants
Sammy Mullan	GoBe Consultants
Sally Kazer	GoBe Consultants
Tim Golding	GoBe Consultants
Bryony Chapman	Kent Wildlife Trust
Margaret Tierney	MMO
Claire Ludgate	Natural England

Tim Frayling	Natural England	
Harri Morrall	Natural England	
Christina Relf	Natural England	
Alex Fawcett	Natural England	
William Hutchinson	Natural England	
Alex Sansom	RSPB	
Dora Querido	RSPB	
Carol Sparling	SMRUC	
Göran Loman	VWPL	
Jesper Kyed Larsen	VWPL	
Ian Simms	Amec Foster Wheeler	
Caroline Gettinby	Amec Foster Wheeler	
Heather Twizell	Natural England	
Review Panel Meetings Held (face to face and/or telecons)		
Date	Location	Attendees (initials)
28/02/2017	London (Offshore Ecology RP meeting).	GL, SL, TG, Angie De Burgh (GoBe Consultants), Anthony Brooks (ABPmer), CS, SS, Paul Kirk (MMO), MT, Louise Straker Cox (Cefas), Robin Masefield (Cefas)†, JE†, SW, MD, TF, HM and TC.
11/07/2017	London (General Onshore)	SL, SM, TG, GL, Joanna Clements (VWPL), Oliver Gardener (AFW), IS, CG, Karen Wilson (AFW), Amy Roberts (AFW), Richard Cartlidge (AFW), HM, DQ, Tom Reid (Environment Agency)†, JW, Fiona Runacre (DDC)†, Helen Johnson (TDC)† and Vanessa Evans (KWT)†.

12/07/2017	London (General Offshore)	SL, SM, Sally Kazer (GoBe Consultants), GL, Joanna Clements (VWPL), JKL, CS, AF, SS, RB, IH, Chris Pater (Historic England), Nathan Coughlan (Kent County Council), AS†, Euan McNeill (Wessex)†, AB†, MT†, GE (dialled in), JE† and TF†.
02/10/2017	London	SL, SM, SK, GL, JKL, Julie Drew Murphy (RCG), WH, CR, CL, TF, RB, SS, IA, AS and MT.
17/05/2018	Teleconference (General Ecology) (Natural England only)	SL, SM, DB, WH, CR, AF and Duncan Watson (SLR Consulting)
Summary of Review Panel Topics Discussed:		
<ul style="list-style-type: none"> • HRA Screening conclusions • Seasonal restriction within the intertidal area (October to March). • Red throated diver screening approach • RIAA methodology • To have a separate RP for HRA specific issues. • Sweetman II Ruling 		
Summary of documents/data provided to Review Panel:		
<ul style="list-style-type: none"> • HRA Screening (first draft) • HRA Screening (updated first draft) • RIAA (first draft) 		
Summary of Areas of Agreement:		
<ul style="list-style-type: none"> • To provide the HRA screening report as an appendix to the Report to Inform Appropriate Assessment (RIAA) • Gannets and Kittiwakes to be screened in based on the potential in-combination effects. • To screen the Outer Thames Estuary SPA into the RIAA. • Tiering approach for in-combination assessments • The Effective Deterrent Radiuses were agreed. • To include an assessment of UXO within the RIAA. • To apply the conservation objective for the Southern North Sea cSAC conservation objectives as proxy for the transboundary harbour porpoise site, with the standard definition of FCS for harbour and grey seal transboundary sites. 		

<ul style="list-style-type: none"> • Revision of HRA Screening to account for the Sweetman II ruling. • Habitat loss – including permanent loss of saltmarsh
Summary of Current, remaining Areas of Disagreement:
<ul style="list-style-type: none"> • The displacement percentage for RTD up to 4 km. Natural England would like 100% displacement to be presented and analysed. The site specific data does not support a 100% displacement within the array. • Displacement of auks.
Summary of Agreed Management, Mitigation and/or Monitoring
<ul style="list-style-type: none"> • General management/mitigation measure agreed for avoidance of Annex I habitats/NERC <i>Sabellaria spinulosa</i> reefs • Provision of a saltmarsh Reinstatement, Monitoring and Mitigation Plan

†dialled in

5.2 Appendix I, Annex B – Marine Ecology

Review Panel Name:	Marine Ecology
Review Panel Lead (for/on behalf of Thanet Extension):	Sammy Mullan (SM) GoBe Consultants
Review Panel Members	
Name (initials)	Organisation
Anthony Brooks	ABPmer
Sean Sweeney	Apem
Roger Buisson	Apem
Jackie Eggleton	Cefas
Steve Wallbridge	Cefas
Georgina Eastley	Cefas
Ian Humphreys	Environment Agency
Mark Davison	Environment Agency
Sean Leake	GoBe Consultants
Tom Clegg	Kent And Essex IFCA
Helen Forester	Kent County Council
Bryony Chapman	Kent Wildlife Trust
Paul Kirk	MMO
Margaret Tierney	MMO
Claire Ludgate	Natural England

Tim Frayling	Natural England	
Harri Morrall	Natural England	
Christina Relf	Natural England	
Alex Fawcett	Natural England	
William Hutchinson	Natural England	
Rebecca Walker	Natural England	
Alex Sansom	RSPB	
Carol Sparling	SMRUC	
Göran Loman	VWPL	
Jesper Kyed Larsen	VWPL	
Dan Bates	VWPL	
Review Panel Meetings Held (face to face and/or telecons)		
Date	Location	Attendees (initials)
28/02/2017	London	GL, SL, Tim Golding (GoBe Consultants), Angie De Burgh (GoBe Consultants), AB, CS, SS, Pk, MT, Louise Straker Cox (Cefas), Robin Masefield (Cefas) (dialled in), JE (dialled in), SW, MD, TF, HM and TC.
26/05/2017	London	SL, SM, HM, CR, CL, CS (dialled in), BC, GE, IH, PK, MD, TC, HF (dialled in)
12/07/2017	London (General Offshore)	SL, SM, Sally Kazer (GoBe Consultants), GL, Joanna Clements (VWPL), JKL, CS, AF, SS, RB, IH, Chris Pater (Historic England), Nathan Coughlan (Kent County Council), AS (dialled in), Euan Mcneill (Wessex) (dialled in), AB (dialled in), MT (dialled in), GE (dialled in), JE (dialled in) and TF (dialled in).

04/10/2017	Ramsgate, Kent (General Offshore)	SL, SM, GL, JKL (dialled in), WH, Chris Pater (Historic England), IH, David Lambkin (ABPmer), MD (dialled in), Andrea Hamel (Wessex Archaeology) (dialled in), GE (dialled in), MT (dialled in), CL (dialled in), AF (dialled in), TF (dialled in), AS (dialled in), CS (dialled in), SS (dialled in), RB (dialled in), Gareth Lewis (RCG) (dialled in) and Simon Martin (Op-En) (dialled in).
26/01/2018	Teleconference	SL, SM, Ryan McManus (GoBe), PHIL NEW (GoBe), Danny Papworth (GoBe), DB, JKL, WH, CR, RW, Richard Green (MMO), Rob Dyer (IFCA), MD, CS, Rachael Plunkett (SMRUC), AB, Tim Mason (Subacoustech), Richard Barham (Subacoustech), GE, Rebecca Faulkner (Cefas), Frances Mynott (Cefas) and Jon Rees (Cefas).
17/05/2018	Teleconference (General Ecology) (Natural England only)	SL, SM, DB, WH, CR, AF and Duncan Watson (SLR Consulting)
Summary of Review Panel Topics Discussed:		
<ul style="list-style-type: none"> • Marine mammal baseline • Marine mammal noise assessment and the application of thresholds • Benthic and Intertidal Ecology baseline • Turbid wakes and Physical Processes baseline • Assessment of UXO • Marine Conservation Zone assessment • Water Framework Directive assessment • Fish and shellfish baseline • Approach to cumulative impact assessments and tiering • Adopting a core reef approach – data requirements • Impacts on saltmarsh 		
Summary of documents/data provided to Review Panel:		
<ul style="list-style-type: none"> • “Associating predictions of change in distribution with predicted received levels during piling” • Marine Mammals Technical baseline • Onshore RLB comparison figures 		

<ul style="list-style-type: none"> • Marine Mammals Noise Impact Assessment methodology briefing note • Geographical Overviews of onshore RLB (in relation to scoping and sensitive areas) • Thanet Extension OWF Position Paper – Physical Processes method statement • Intertidal Survey Scope • Thanet Extension OWF Position Paper – Turbid Wakes • EIA Evidence Plan Kick-off Meeting Presentation • EIA Evidence Plan RP meeting presentation 26/05/17 • EIA Evidence Plan RP meeting presentation 12/06/17 • EIA Evidence Plan RP meeting presentation 04/10/17
Summary of Areas of Agreement:
<ul style="list-style-type: none"> • Benthic, Subtidal and Intertidal ecology baseline characterisation and assessment scope • Fish ecology baseline characterisation and assessment scope • Marine mammals baseline characterisation and assessment scope • Physical Environment baseline characterisation and assessment scope • Scope of underwater noise on marine mammals • Provision of an MCZ assessment • Provision of a WFD assessment (standalone) • Use of a tiering approach to cumulative assessment • Inclusion of an assessment of O&M activities
Summary of Current, remaining Areas of Disagreement:
<ul style="list-style-type: none"> • No areas of disagreement
Summary of Agreed Management, Mitigation and/or Monitoring
<ul style="list-style-type: none"> • General management/mitigation measure agreed for avoidance of Annex I habitats/NERC <i>Sabellaria spinulosa</i> reefs • Provision of a saltmarsh Reinstatement, Monitoring and Mitigation Plan • Biosecurity plan (post-consent)

5.3 Appendix I, Annex C – Offshore Ornithology

Review Panel Name:	Offshore Ornithology
Review Panel Lead (for/on behalf of Thanet Extension):	APEM Ltd
Review Panel Members	
Name (initials)	Organisation
Tim Frayling (TF)	Natural England (NE)
Harri Morrall (HM)	Natural England
Alex Fawcett (AF)	Natural England
William Hutchinson (WH)	Natural England
Alex Sansom (AS)	Royal Society for the Protection of Birds (RSPB)
Dora Querido (DQ)	Royal Society for the Protection of Birds
Sean Sweeney (SS)	APEM Ltd (APEM)
Roger Buisson (RB)	APEM Ltd
Helen Jameson (HJ)	Vattenfall WPL (Vattenfall)
Jesper Larson (JL)	Vattenfall WPL
Dan Bates (DB)	Vattenfall WPL
Goran Loman (GL)	Vattenfall WPL
Sean Leake (SL)	GoBe Consultants (GoBe)
Tim Golding (TG)	GoBe Consultants
Sammy Mullen (SM)	GoBe Consultants
Sally Kazar (SK)	GoBe Consultants

Review Panel Meetings Held (face to face and/or telecons)		
Date	Location	Attendees (initials)
09/12/2016	Newcastle	Present: HJ, GL, AF, AS, SS. Via Telecon: TF, HM, JL.
28/02/2017	London	Present: TF, AS, SS, RB, GL, TG.
20/04/2017	Telecon	Via Telecon: TF, AS, SS, RB, JL, TG.
13/06/2017	London	Present: HM, DQ, SS, GL, TG. Via Telecon: TF, RB.
12/07/2017	London	Present: AF, SS, RB, JL, GL, SL, SM, SK. Via Telecon: TF, AS.
04/10/2017	London	Present: GL, SL, SM, WH. Via Telecon: TF, AF, AS, SS, RB, JL.
12/12/2017	Telecon	Via Telecon: TF, WH, AS, SS, RB, JL, GL, SL, SM.
Summary of Review Panel Topics Discussed:		
<ul style="list-style-type: none"> • Data collection methods • Data availability for use in the assessments • Agreed that baseline reporting was suitable and apportionment for unidentified species appropriate, where applicable • Method to correct for availability of diving auks in abundance estimates appropriate • Species screened in to be assessed for difference potential impacts • Bio-seasons for seabirds and appropriate BDMPS populations for use in assessments • Background mortality rates for key seabirds • Collision Risk Modelling • Appropriate cumulative approach to CRM • Method for developing and estimating cumulative displacement for red-throated divers • Displacement during construction and operational phases • Use of site-specific data on displacement as evidence to assessments for displacement 		

Summary of documents/data provided to Review Panel:
<ul style="list-style-type: none"> • Survey methods and programme • Historic data desk study findings • Baseline report findings • CRM outputs • Displacement rates from site-specific evidence • Bio-seasons • Cumulative methods for assessing displacement for red-throated divers • Correction factor to account for availability bias in auk abundances
Summary of Areas of Agreement:
<ul style="list-style-type: none"> • Survey methods • Survey coverage (spatially and temporarily) • Correction factors for availability bias of auks • Bio-seasons • Screening of species for presentation in detail in baseline report and also for screening of species for assessment • Apportionment methods applied to unidentified species for revising abundance estimates • Background mortality rates • Collision risk modelling • Starting point for cumulative CRM totals • Use of generic data for CRM modelling (i.e. SOSS 02 using Band Option 2)
Summary of Current, remaining Areas of Disagreement:
<ul style="list-style-type: none"> • Use of displacement rates from post-consent monitoring surveys and analysis in displacement assessments • Unsure as to final reaction on use of Band Option 2 only
Summary of Agreed Management, Mitigation and/or Monitoring
<ul style="list-style-type: none"> • Not applicable

5.4 Appendix I, Annex C – Terrestrial Ecology

Review Panel Name:	Terrestrial Ecology	
Review Panel Lead (for/on behalf of Thanet Extension):	Duncan Watson (DW) SLR Consulting Caroline Gettinby (CG) Amec Foster Wheeler	
Review Panel Members		
Name (initials)	Organisation	
Caroline Gettinby	Amec Foster Wheeler	
Ian Simms	Amec Foster Wheeler	
Oliver Gardner	Amec Foster Wheeler	
Nick Delaney	Dover District Council	
Sean Leake	GoBe Consultants	
Sammy Mullan (SMu)	GoBe Consultants	
Tim Golding	GoBe Consultants	
Helen Forster	Kent County Council	
Vanessa Evans	Kent Wildlife Trust	
William Hutchinson	Natural England	
Heather Twizell	Natural England	
Dora Querido	RSPB	
Daniel Bates	VWPL	
Göran Loman	VWPL	
Review Panel Meetings Held (face to face and/or telecons)		
Date	Location	Attendees (initials)

27/02/2017	Discovery Park	SL, CG, IS, HT, Harri Morrall (Natural England), TG, Jennifer Wilson (Environment Agency) and Ian Humphreys (Environment Agency).
11/07/2017	London (General Onshore)	SL, SMu, TG, GL, Joanna Clements (VWPL), OG, IS, CG, Karen Wilson (AFW), Amy Roberts (AFW), Richard Cartlidge (AFW), Harri Morrall (Natural England), DQ, Tom Reid (Environment Agency) †, Jennifer Wilson (Environment Agency), Fiona Runacre (DDC)†, Helen Johnson (TDC)† and Vanessa Evans (KWT)†.
03/10/2017	Ramsgate (General Onshore)	GL, SL, Smu, Julie Drew-Murphy (RCG), WH, HT, OG, Stuart Cargill (Op-En), Kate Phillips (KCC), Simon Mason (KCC), Lucinda Roach (DDC), DQ, CG†, Jennifer Wilson (Environment Agency)†, VE†, Jonathon Atkinson (Environment Agency)† and IS.
08/02/18	Ramsgate	SL, DW, DB, WH, HF, ND
09/04/18	Trosley Country, Kent	SL, DW, Hannah Clements (KCC), Kate Philips (KCC), Nick Gill (KCC), Rebecca Friar (Gen2 Property Ltd), DB, DW, Stuart Cargill (Op-En)
17/05/18	Teleconference	SL, SM, DB, DW, WH, CR, Alex Fawcett (Natural England).
Summary of Review Panel Topics Discussed:		
<ul style="list-style-type: none"> • Overview of project design • Scope of the assessment • Survey data coverage and scope • Outline Landscape and Ecology Management Plan • Additional requirements for the ES following S42 • Survey Access restrictions 		
Summary of documents/data provided to Review Panel:		
<ul style="list-style-type: none"> • Outline Survey Plan • EIA Evidence Plan RP meeting presentation 11/07/17 • EIA Evidence Plan RP meeting presentation 03/10/17 • EIA Evidence Plan RP meeting presentation 08/02/18 • EIA Evidence Plan RP meeting presentation 09/04/18 		

<ul style="list-style-type: none"> • NVC survey report • Invertebrates survey report • Reptile survey report • Bat survey report • Badger survey report
<p>Summary of Areas of Agreement:</p>
<ul style="list-style-type: none"> • Biodiversity contacts and communication pathways; • EA and NE to provide a single voice principle where overlapping interests exist; • All issues raised in the Scoping Opinion were to be positively addressed in the PEIR/ES • Biodiversity buffer zones for ecological surveys; • Ecological surveys to be used to inform baseline characterisation; • Inclusion of overwintering birds in the ecological surveys; • Inclusion of Natural England’s Golden Plover Surveys in the PEIR/ES; • Saltmarsh will be assessed in the offshore chapters to avoid duplication; • Technical baselines, based on the available survey data at the time of writing, to be included in PEIR; • Natural England agreed that the change in RLB, in September 2017, and potential species-specific survey gaps, did not represent a risk to designated sites of EPS. The additional area was to be surveyed for badgers, GCN but not for reptiles due to seasonal constraints so extrapolation was used; • NE confirmed that a desk based assessment for invertebrates would be sufficient for EIA purposes; • All water bodies within 250 m of the Red Line Boundary to be subjected to eDNA to survey for Great Crested Newts (GCN)*; • Natural England agreed with the conclusions of the badger survey report; • Natural England agreed that the NVC survey, plus the Phase I habitat survey, provided sufficient information to characterise the baseline within the Red Line Boundary; • Natural England agreed that there is sufficient data to characterise and evaluate the site for terrestrial invertebrates; • Natural England agreed with the survey methodology adopted for the additional bat surveys undertaken and that these would “strengthen the evidence base”; • Natural England agreed that there is adequate baseline information for the purposes of EIA characterisation; and • KCC agreed that the berm (if constructed) should be restored with a species rich grassland with a nutrient poor substrate.
<p>Summary of Current, remaining Areas of Disagreement:</p>

<ul style="list-style-type: none"> • The project bringing forwards the cabling option to cross Nemo (onshore) in PBCP to avoid trenching through Stonelees Nature Reserve as a result of consultation (outside of the EIA Evidence Plan) with KWT – see Appendix III. • Access to Pegwell Bay Country Park and Stonelees Nature Reserve for additional ecological surveys to ‘shore up’ the baseline has not been granted. • Requests for natterjack toad data collected within National Nature Reserve have not been granted to the Project.
<p>Summary of Agreed Management, Mitigation and/or Monitoring</p>
<ul style="list-style-type: none"> • No translocation of reptiles is considered necessary, simple management with an ECoW would be adequate due to the temporary nature of the impacts. • “Viviparous lizard (<i>Zootoca vivipara</i>) and the Slow worm (<i>Anguis fragilis</i>) are a UK BAP priority species, and every effort should be made to reduce the predicted impacts upon these species as far as possible. NE would expect further details within the relevant environmental management plan.”

≠ Following access restrictions only one of the two additional water bodies were subjected to eDNA. This was subsequently discussed with Natural England (17/05/18) and agreed that risk of GCN being present was very low and a licence was not required.

5.5 Appendix I, Annex D – Offshore Historic Environment

Review Panel Name:	Offshore Archaeology and Cultural Heritage	
Review Panel Lead (for/on behalf of Thanet Extension):	Wessex Archaeology	
Review Panel Members		
Name (initials)	Organisation	
Stuart Churchley (SC)	Historic England (HE)	
Chris Pater (CP)	HE	
Jane Corcoran	HE	
John Mabbitt	Wood PLC	
Review Panel Meetings Held (face to face and/or telecons)		
Date	Location	Attendees (initials)
28/02/2017	London	SC
7/07/2017	Salisbury/ Telecon	SC, CP
12/07/2017	London/ Telecon	CP
04/10/2017	Telecon	CP
31/01/2018	Salisbury/ Telecon	SC, CP
9/02/2018 8/03/2018	Telecon/ e-mail	SC, JC, JM
Summary of Review Panel Topics Discussed:		
<ul style="list-style-type: none"> • Study area and data to be used in the assessment 		

<ul style="list-style-type: none"> • Setting assessment of onshore receptors to be undertaken as part of onshore assessment • Inclusion of Historic Seascape Characterisation (HSC) in offshore baseline • Assessment of cumulative and transboundary effects • Proximity of Goodwin Sands • Integration of NEMO data and survey gap • Location of B-17 aircraft crash site in intertidal zone, and fieldwork to confirm location • Setting for offshore assets • Indirect effects • Discussion of PEIR comments, status of geotechnical work, and preparation of WSI • Survey gap in Pegwell Bay • Potential for liaison offshore/onshore in intertidal area, with regards to palaeogeographic assessment • WSI included in PEIR as embedded mitigation, but a full impact assessment will be included as per scoping • Inclusion of positive effects in PEIR • Proposed contents of WSI • Changes to seascape character
Summary of documents/data provided to Review Panel:
<ul style="list-style-type: none"> • Minutes following meeting • EIA Evidence Plan log summarizing meeting
Summary of Areas of Agreement:
<ul style="list-style-type: none"> • Study area and data for use in assessment agreed with HE • Setting assessment of onshore assets to be undertaken by onshore consultants, methodology for setting assessment of offshore assets agreed • HSC to be included in baseline • Approach to transboundary effects agreed • Assessment of areas of Goodwin Sands in proximity of development will be included in PEIR • Results from NEMO will be integrated into PEIR, it is recognized that there remains a data gap. Agreement that data gap could be covered through subsequent planned geophysical surveys • B-17 aircraft crash site has been confirmed outside the Thanet Extension cable corridor study area, however initial location retained on illustrations in case additional material recovered in initial location

- Approach to setting of offshore setting has been agreed
- Approach to cumulative and transboundary effects agreed. Transboundary effects to include ships, aircraft and seabed prehistory.
- The results of the technical chapter for physical processes will be used for the assessment of Indirect effects to archaeological receptors, including sediment plume concentrations and deposition
- Data gaps will be covered through additional pre-construction surveys, and PEIR will indicate where data are present/ absent
- WSI included as embedded mitigation in PEIR, however a full impact assessment was also included, as per scoping.
- PEIR includes assessment of both negative and positive effects
- Proposed content of WSI agreed, based on standard practices, and including AEZs, approaches to ROV surveys, geophys, Geotech, etc. Consultation to be undertaken with HE in survey planning and scoping for any post-consent surveys
- Agreement that the WSI will include recommendations for archaeological considerations to be included at the planning stages of any further geotechnical work and subsequent storage. The WSI will comply with COWRIE and Model Clauses and provide a summary of understanding so far. The WSI will provide details regarding input into geotechnical surveys and archaeological assessment of geotechnical data. The WSI will be targeted, focused, robust and unambiguous to minimize risk. It will include details about available data and further requirements.
- WSI includes potential for stakeholder liaison, with regards to intertidal geophysical/geotechnical work

Summary of Current, remaining Areas of Disagreement:

- No areas of disagreement remaining
- Potential for liaison discussions offshore/ onshore regarding intertidal area, palaeogeographic assessment and results

Summary of Agreed Management, Mitigation and/or Monitoring

- Preparation of draft WSI, to include details of recommended mitigation, based on standard practices and including AEZs, ROVs, geophys, Geotech, etc.

5.6 Appendix I, Annex E – Onshore Historic Environment

Review Panel Name:	Onshore Historic Environment	
Review Panel Lead (for/on behalf of Thanet Extension):	John Mabbitt (JM) Amec Foster Wheeler	
Review Panel Members		
Name (initials)	Organisation	
Amy Roberts	Amec Foster Wheeler	
John Mabbitt	Amec Foster Wheeler	
Oliver Gardner	Amec Foster Wheeler	
Alison Cummings	Dover District Council	
Sean Leake	GoBe Consultants	
Sammy Mullan (SMu)	GoBe Consultants	
Tim Golding	GoBe Consultants	
Alice Brockway	Historic England	
Chris Pater	Historic England	
Tom Foxall	Historic England	
Simon Mason (SM)	Kent County Council	
Jacob Amuli	Thanet District Council	
Göran Loman	VWPL	
Review Panel Meetings Held (face to face and/or telecons)		
Date	Location	Attendees (initials)
27/02/2017	Discovery Park	OG, CP, JM and TF

28/03/2017	Ramsgate	Helen Jameson (VWPL), Fiona Runacre (DDC), Nick Delaney (DDC), AC, Simon Martin (Op-En), Chris Drake, Stuart Cargill (Op-En), SM, Amy Roberts (AFW), JM and SL
17/05/2017	Ramsgate	TF, AR, Melissa Cutting (AFW) (cc: SL, GL, OG, JM)
13/06/2017	Teleconference	SM & HJ
13/06/2017	Teleconference	SM, Anna Stonor and SL
11/07/2017	London (General Onshore)	SL, SMu, TG, GL, Joanna Clements (VWPL), OG, Ian Simms, CG, Karen Wilson (AFW), AR, Richard Cartlidge (AFW), Harri Morrall (Natural England), Dora Querido (RSPB), Tom Reid (Environment Agency) †, Jennifer Wilson (Environment Agency), Fiona Runacre (DDC)†, Helen Johnson (TDC)† and Vanessa Evans (KWT)†.
16/11/17	Ramsgate	Jacob Amuli (TDC), AB, AC, JM, GL, SL (cc SM)
Summary of Review Panel Topics Discussed:		
<ul style="list-style-type: none"> • Identification of receptors • Survey scope – both direct and indirect effects • Scope of cumulative effects to consider other relevant OWFs. • Geographical grouping of assets for initial consideration • Assessment of Conservation Areas (CAs) • Viewpoints • Ensure overlap between the onshore and offshore assets is captured 		
Summary of documents/data provided to Review Panel:		
<ul style="list-style-type: none"> • “Criteria for Selection of Onshore Heritage Assets to be Assessed” • Technical notes 39080-CGos004 and 39080-CGos014 		
Summary of Areas of Agreement:		
<ul style="list-style-type: none"> • The scope of the assessment. • Identification of key receptors (WWII defences, Richborough Port and the Boarded Groin). • Assessment to identify individual buildings within conservation areas which may be affected. • Limited effects on Reculver, Sanswich Bay Estate, Deal and Walmer CAs, Seven Stones House, Dover Petrol Memorial, St Peter’s Sandwich and Westgate on Sea. • Site visits were not required at this stage. 		

- Onshore assets will extend to the high water line.
- Inclusion of photomontages and wireline visualisations to be provided in the SLVIA assessment.
- The viewpoints considered in the assessment.
- The application of a five step methodology has been applied in the assessment.
- Details of exclusion zones around the boarded groin to be agreed with KCC and HR.
- There is uncertainty around the surviving extent of the military defences.
- Indirect effects to generally be focussed on the seafront CA of Thanet including Margate Clifftop, Kingsgate and Broadstairs.
- Scope of indirect effects to be refined between PEI and ES to reflect design changes and field observations.

Summary of Current, remaining Areas of Disagreement:

- No areas of disagreement

Summary of Agreed Management, Mitigation and/or Monitoring

- No areas of management, mitigation or monitoring agreed at the time of writing.

5.7 Appendix I, Annex F – Ground Conditions, Land use and Hydrology

Review Panel Name:	Ground Conditions, Land use and Hydrology	
Review Panel Lead (for/on behalf of Thanet Extension):	Shaun Salmon, Amec Foster Wheeler (AFW)	
Review Panel Members		
Name (initials)	Organisation	
Richard Cartlidge	Amec Foster Wheeler	
Oliver Gardner	Amec Foster Wheeler	
Tom Reid	Environment Agency	
Jennifer Wilson	Environment Agency	
Ian Humphreyeyes	Environment Agency	
Sean Leake	GoBe Consultants	
Sammy Mullan (SM)	GoBe Consultants	
Göran Loman	VWPL	
Review Panel Meetings Held (face to face and/or telecons)		
Date	Location	Attendees (initials)
27/02/17	Discovery Park	SL, Julie Drew-Murphy (RCG), Caroline Gettinby (AFW) and JW.
28/06/17	Environment Agency Offices, Canterbury	JW, Meriel Mortimer (MM), Pete Dowling (PD), Joe Williamson (Environment Agency), OG, RC, Ana Braid (AFW) and Vanessa Dahmoun (AFW).
11/07/2017	London (General Onshore)	SL, SMu, Tim Golding (GoBe Consultants), GL, Joanna Clements (VWPL), OG, Ian Simms (AFW), Caroline Gettinby (AFW), Karen Wilson (AFW), Amy Roberts (AFW), RC, Harri

		Morrall (Natural England), Dora Querido (RSPB), Tom Reid†, JW, Fiona Runacre (DDC)†, Helen Johnson (TDC)† and Vanessa Evans (KWT)†.
23/08/17	Ramsgate	JW, Morgan Sproates (TDC), Luke Glover (TDC), Nick Gill (KCC), Charlotte Beck (KCC), Rebecca Friar (KCC), Damian Martin (VWPL), OG, RC, Vanessa Dahmoun (VD) and Matt Logan (AFW).
08/12/17	Teleconference	SL, SM, Helen Jameson (VWPL), Dalila Benchbane (VWPL), IH, JW, TR, Jonathon Atkinson (Environment Agency) and Joe Williamson (Environment Agency).
18/12/17	Teleconference	SL, SM, Dalila Benchbane (VWPL), Kate Phillips (KCC), Charlotte Beck (KCC), Will Hutchinson (Natural England), Ingrid Chudleigh (Natural England), JW and IH.
Summary of Review Panel Topics Discussed:		
<ul style="list-style-type: none"> • The requirement and possible methodologies to cross the Minister Stream. • Storage of materials in flood zones. • Construction and data of the historic landfill under PBCP. • Requirement for Site Investigation (SI) works and the proposal to bring these works forward in 2018. • The presence of the historic landfill beneath the Pegwell Bay Country Park (PBCP). 		
Summary of documents/data provided to Review Panel:		
<ul style="list-style-type: none"> • No documents provided. 		
Summary of Areas of Agreement:		
<ul style="list-style-type: none"> • Use of the 2012/12 Lower Stour tidal model (an updated model has not been made available for inclusion prior to application). • A flood risk screening report to be included in the PEIR/ES. • That additional SI works, prior to construction, are required. • No pathways for contamination should be created as a result of the works. • The project has sufficient information to characterise for the purposes of EIA. • The over ground (berm) option will be considered in the application as this cannot be discounted prior to the reporting of the SI works/data. • Use of the 2070 flood levels in the assessment. • The former oil pipeline has now been decommissioned. 		

- Assessment of the build-up of landfill gases within project infrastructure to be included in the PEIR/ES.
- Combination of ground conditions, land use and flood risk to be combined into a single assessment document for the PEIR/ES.
- TDC are responsible for the sea wall with the Pegwell Bay Country Park (PBCP) but all interested parties (KCC and ES) would also be consulted.
- A preference from both the EA and VWPL to not require a new structure or to stem the flow to the Minister Stream, however the worst-case will be assessed within the ES.
- Materials removed from the PBCP would be classified as waste and would need to be disposed of accordingly.
- The presence of a bund is not considered to be concern in terms of infiltration and could be managed if an issue were to arise.

Summary of Current, remaining Areas of Disagreement:

- No areas of disagreement

Summary of Agreed Management, Mitigation and/or Monitoring

- A Flood Risk Activity Permit will be required if the cable is installed within 16m of the flood defence at the substation site and for the Minister Stream crossing. A FRAP may also be required for potential works resulting in contamination on the REP site.
- The use of a cofferdam at the landfall to control leachate during construction works.
- Permits would be required for the SI works – highways access consents and land access.

5.8 Appendix I, Annex F – Human Environment

Review Panel Name:	Human Environment	
Review Panel Lead (for/on behalf of Thanet Extension):	Martin Wood (MW) Amec Foster Wheeler (AFW)	
Review Panel Members		
Name (initials)	Organisation	
Oliver Gardner	Amec Foster Wheeler	
Helen Johnson	Thanet District Council	
Fiona Runacre	Dover District Council	
Sean Leake	GoBe Consultants	
Sammy Mullan (SM)	GoBe Consultants	
Göran Loman	VWPL	
Review Panel Meetings Held (face to face and/or telecons)		
Date	Location	Attendees (initials)
27/02/17	Discovery Park	SL, Karen Wilson (AFW), HJ, April Newing (KCC) and FR.
11/07/2017	London (General Onshore)	SL, SM, Tim Golding (GoBe Consultants), GL, Joanna Clements (VWPL), OG, Ian Simms (AFW), Caroline Gettinby (AFW), Karen Wilson (AFW), Amy Roberts (AFW), RC, Harri Morrall (Natural England), Dora Querido (RSPB), Tom Reid†, Jennifer Wilson (Environment Agency), FR†, HJ† and Vanessa Evans (KWT)†.
Summary of Review Panel Topics Discussed:		
<ul style="list-style-type: none"> • Traffic numbers required over the lifetime of the project. • Requirement for a Traffic Assessment (TA). • The requirement for road closures (none are anticipated). 		

<ul style="list-style-type: none"> • The effects on the SRN, including shift patterns and operational movements. • Baseline data for characterisation. • Scope of assessment – receptors to be scoped in or out.
Summary of documents/data provided to Review Panel:
<ul style="list-style-type: none"> • Air Quality Assessment methodology • Construction traffic numbers
Summary of Areas of Agreement:
<ul style="list-style-type: none"> • Working hours for the majority of onshore works to be undertaken between 0700 to 1900) however there will be some discrete exceptions. <p><i>Traffic:</i></p> <ul style="list-style-type: none"> • The scope of PEIR, methods of assessment using GEART, receptor sensitivity, magnitude of effect and data collection was confirmed with KCC via email for the traffic and transport ES chapter. • Traffic surveys were undertaken assessed following the guidance in IEMA 1993. • To provide an AIL study in the ES. • Baseline data for the Traffic ES chapter. • KCC have confirmed that a TA is not required. • Details of PRoW crossings and how they will be managed will be included in the ES. <p><i>Noise and Vibration:</i></p> <ul style="list-style-type: none"> • The noise from operational WTGs can be scoped out for the onshore noise assessment. • Inclusion of cumulative operative noise assessment in the onshore noise assessment. • A baseline sound survey was undertaken to inform the baseline characterisation. • The guidance (BS 5228:2009 +A1:2014 and BS 4142:2014) for which the methodology of the assessment is based. <p><i>Air Quality:</i></p> <ul style="list-style-type: none"> • A technical baseline report for air quality would not be provided with the application. • Consideration of the air quality impact on designated nature conservation sites is provided in the ES. • Construction traffic flows for use in the assessment were agreed with KCC.
Summary of Current, remaining Areas of Disagreement:
<ul style="list-style-type: none"> • No areas of disagreement
Summary of Agreed Management, Mitigation and/or Monitoring

- The principles of the Traffic Management Plan are provided in the CoCP (provided with the application). A Traffic Management Plan (if required) will be consulted on at the appropriate time.
- The principles of the Air Quality Management Plan are provided in the CoCP (provided with the application).

5.9 Appendix I, Annex G - Landscape and Visual

Review Panel Name:	Landscape and Visual	
Review Panel Lead (for/on behalf of Thanet Extension):	Simon Martin (Optimised Environments)	
Review Panel Members		
Name (initials)	Organisation	
Simon Martin	Op-En	
Helen Johnson	Thanet District Council	
Fiona Runacre	Dover District Council	
Nick Delaney	Dover District Council	
Alison Cummings	Dover District Council	
Simon Mason (SMa))	Kent County Council	
Chris Drake	Kent County Council	
Stuart Cargill	Op-En	
Amy Roberts	Amec Foster Wheeler	
John Mabbitt	Amec Foster Wheeler	
Sean Leake	GoBe	
Sammy Mullan	GoBe	
Göran Loman	VWPL	
Review Panel Meetings Held (face to face and/or telecons)		
Date	Location	Attendees (initials)
28/03/2017	Ramsgate	HJ, FR,ND, AC, SM, CD, SC, AR, JM and SL

13/06/2017	Teleconference	SM & HJ
13/06/2017	Teleconference	SM, Anna Stonor and SL
03/10/2017	Ramsgate (General Onshore)	GL, SL, Smu, Julie Drew-Murphy (RCG), William Hutchinson, Heather Twizell, Oliver Gardener, SC, Kate Phillips (KCC), SMa, Lucinda Roach (DDC), Dora Querido, Caroline Gettinby†, Jennifer Wilson (Environment Agency) †, Vanessa Evans†, Jonathon Atkinson (Environment Agency) † and Ian Simms.
09/04/18	Trosley Country, Kent	SL, DW, Hannah Clements (KCC), Kate Philips (KCC), Nick Gill (KCC), Rebecca Friar (Gen2 Property Ltd), DB, DW, Stuart Cargill (Op-En)
Summary of Review Panel Topics Discussed:		
<ul style="list-style-type: none"> • Location of viewpoints for SLVIA assessment • Location of viewpoints for LVIA assessment • Rochdale envelope parameters for assessments • Consideration of cumulative effects • Outline Landscape and Ecological Management Plan 		
Summary of documents/data provided to Review Panel:		
<ul style="list-style-type: none"> • Onshore ZTV • Offshore ZTV • Kent and Essex ZTV • Wirelines of the Leysdown/Warden area • WTG layouts for assessment • EIA Evidence Plan RP meeting presentation and minutes 03/10/17 • EIA Evidence Plan RP meeting presentation and minutes 09/04/18 		
Summary of Areas of Agreement:		
<ul style="list-style-type: none"> • To engage with the MMO to discuss the South East Marine Plan Area. • Inclusion of a viewpoint at from Birchington and that the viewpoint suggested in Scoping (Minnis Bay) is therefore not required. • The viewpoints on which the SLVIA is based upon were agreed. • The Rochdale envelope parameters to ensure the worst-case seascape, landscape and visual effects were assessed in the SLVIA. 		

- Formal engagement was undertaken with the Essex county district councils (Rochford, Maldring and Tendring).
- Identification of suitable viewpoints to reflect the characteristics of the Dover landscape, including viewpoints in Sandwich Bay, above the coastal plan and towards the Kent Downs.
- Inclusion of a wireline from an illustrative viewpoint in Leydown-on-sea, on the Isle of Sheppey to be included in the SLVIA (for the ES).
- Consideration of the visibility and landscape character/designation issues relevant to Swale Borough Council.
- The worst-case WTG layout within the array for assessment.
- There will not be a significant impact on the Essex coast from the proposed development but should be considered cumulatively with existing OWFs.
- Southend-on-Sea to be scoped out of the assessment.

Summary of Current, remaining Areas of Disagreement:

- No areas of disagreement

Summary of Agreed Management, Mitigation and/or Monitoring

- No areas of management, mitigation or monitoring agreed at the time of writing.

6 Appendix II – Summary table of documents/ data provided to Review Panel and equivalents within application

6.1 Steering Group

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ⁴
EIA Evidence Plan Meeting Minutes (24/10/2016)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and presentation (26/06/2017)	N/A	N/A	Yes

6.2 HRA

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ⁵
EIA Evidence Plan Meeting Minutes and presentation (11/07/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and presentation (12/07/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and presentation (02/10/2017)	N/A	N/A	Yes
HRA Screening report (first draft)	N/A	N/A	No
HRA Screening report (second draft)	N/A	5.2.1	No
RIAA (first draft)	N/A	5.2	No

⁴ Document is included under this Evidence Plan report if it is not provided elsewhere within the DCO Application documentation; s, presentation slides which are not reproduced for either the application or the Evidence Plan report. All agreements reached are recorded in detail within the Evidence Plan Logs.

⁵ Document is included under this Evidence Plan report if it is not provided elsewhere within the DCO Application documentation; s, presentation slides which are not reproduced for either the application or the Evidence Plan report. All agreements reached are recorded in detail within the Evidence Plan Logs.

6.3 Marine Ecology

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ⁶
EIA Evidence Plan Kick-off (28/02/2017) Meeting Minutes	N/A	N/A	Yes
Thanet Extension OWF Position Paper – Marine Geology, Oceanography and Physical Processes	N/A	N/A	Yes
Thanet Extension OWF Position Paper – Turbid Wakes	N/A	N/A	Yes
EIA Evidence Plan Meeting Presentation (26/05/2017)	N/A	N/A	No
EIA Evidence Plan Meeting Minutes (26/05/2017)	N/A	N/A	Yes
Marine Mammals Noise Impact Assessment Briefing Notes	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes (12/07/2017)	N/A	N/A	Yes
Marine Mammals Technical Baseline	Volume 4, Annex 7-1	6.4.7.1	No

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ⁶
Geographical Overview of revised onshore RLB (27/07/17) ⁷	N/A	N/A	No
EIA Evidence Plan Meeting Presentation (04/10/2017)	N/A	N/A	No
EIA Evidence Plan Meeting Minutes (04/10/2017)	N/A	N/A	Yes
Geographical Overview of revised onshore RLB in relation to the scoping study area and ecological sensitivities (23/10/17) ⁸	N/A	N/A	No
EIA Evidence Plan Meeting Minutes (26/01/2018)	N/A	N/A	Yes
“Associating predictions of change in distribution with predicted received levels during piling”	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes (17/05/2018) ⁹	N/A	N/A	Yes

⁶ Document is included under this Evidence Plan report if it is not provided elsewhere within the DCO Application documentation; exceptions to this are meeting minutes, presentation slides which are not reproduced for either the application or the Evidence Plan report. All agreements reached are recorded in detail within the Evidence Plan Logs.

⁷ Note this has now been superseded by the ongoing design process and so has not been provided in this report.

⁸ Note this has now been superseded by the ongoing design process and so has not been provided in this report.

⁹ Note: These meeting minutes has been circulated but not agreed at the time of writing

6.4 Offshore Ornithology

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ¹⁰
EIA Evidence Plan Meeting (09/12/16)	N/A	N/A	Yes
EIA Evidence Plan Kick-off Meeting Presentation	N/A	N/A	No
EIA Evidence Plan Kick-off (28/02/2017) Meeting Minutes	N/A	N/A	Yes
EIA Evidence Plan (20/05/2017) Meeting Minutes	N/A	N/A	Yes
EIA Evidence Plan (13/06/2017) Meeting Minutes	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (12/07/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (04/10/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes (12/12/2017)	N/A	N/A	Yes
Survey methods and programme	N/A	N/A	No [‡]
Historic data desk study findings	Volume 4, Annex 4-2	6.4.4.2*	No

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ¹⁰
Baseline report findings	Volume 4, Annex 4-1	6.4.4.1*	No
CRM outputs	Volume 4, Annex 4-4	6.4.4.4*	No
Displacement rates from site-specific evidence	Volume 4, Annex 4-3	6.4.4.3*	No
Bio-seasons	N/A	N/A	No [‡]
Cumulative methods for assessing displacement for red-throated divers	N/A	N/A	No [‡]
Correction factor to account for availability bias in auk abundances	N/A	N/A	No [‡]

* These documents have since been revised following responses from the Technical Review Panel.

‡ Agreed during an Technical Review Panel Meeting and captured within the minutes.

¹⁰ Document is included under this Evidence Plan report if it is not provided elsewhere within the DCO Application documentation; presentation slides which are not reproduced for either the

application or the Evidence Plan report. All agreements reached are recorded in detail within the Evidence Plan Logs.

6.5 Terrestrial Ecology

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ¹¹
EIA Evidence Plan Kick-off (27/02/2017) Meeting Minutes	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (11/07/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (03/10/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (08/02/2018)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (08/04/2018)	N/A	N/A	Yes
Reptile Survey Report	Volume 5, Annex 5-1	6.5.5.1	No
Invertebrate Survey Report	Volume 5, Annex 5-6	6.5.5.6	No
NVC Survey Report	Volume 5, Annex 5-5	6.5.5.5	No
Bat Survey Report	Volume 5, Annex 5-9	6.5.5.9	No
Badger Survey Report	Volume 5, Annex 5-8	6.5.5.8	No

6.6 Offshore Historic Environment

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ¹²
EIA Evidence Plan Kick-off (28/02/2017) Meeting Minutes	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes (07/07/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (11/07/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (04/10/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes (31/01/2018)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes/ Email Correspondence (09/02/2018 & 08/03/2018)	N/A	N/A	Yes

¹¹ Document is included under this Evidence Plan report if it is not provided elsewhere within the DCO Application documentation; exceptions to this are meeting minutes, presentation slides which are not reproduced for either the application or the Evidence Plan report. All agreements reached are recorded in detail within the Evidence Plan Logs.

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6.7 Onshore Historic Environment

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ¹³
EIA Evidence Plan Kick-off (28/03/2017) Meeting Minutes	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (11/07/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (16/11/2017)	N/A	N/A	Yes
“Criteria for Selection of Onshore Heritage Assets to be Assessed”	Volume 5, Annex 7-1	6.5.7.1	No
Technical Note 39080-CGos004	Volume 5, Annex 7-2	6.5.7.2	No
Technical Note 39080-CGos014	Volume 5, Annex 7-3	6.5.7.3	No

6.8 Ground Conditions, Land Use and Flood Risk

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ¹⁴
EIA Evidence Plan Kick-off (27/02/2017) Meeting Minutes	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (11/07/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes (23/08/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes (08/12/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes (18/12/2017)	N/A	N/A	Yes

¹³ Document is included under this Evidence Plan report if it is not provided elsewhere within the DCO Application documentation; exceptions to this are meeting minutes, presentation slides which are not reproduced for either the application or the Evidence Plan report. All agreements reached are recorded in detail within the Evidence Plan Logs.

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6.9 Human Environment

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ¹⁵
EIA Evidence Plan Kick-off (27/02/2017) Meeting Minutes	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (11/07/2017)	N/A	N/A	Yes
Air Quality Assessment methodology	N/A	N/A	Yes
Traffic Construction numbers	Volume 3, Chapter 1	6.3.1	No
Email correspondence with Highways England	N/A	N/A	Yes
Email correspondence with Kent County Council	N/A	N/A	Yes
AIP	N/A	N/A	Yes
Thanet Predicted HGV Movements	N/A	N/A	Yes

6.10 Landscape and Visual

Document	ES Reference	Application Reference	Included in EIA Evidence Plan Report ¹⁶
EIA Evidence Plan Kick-off (27/02/2017) Meeting Minutes	N/A	N/A	Yes
WTG layouts	N/A	N/A	Yes
Onshore ZTV	N/A	N/A	Yes
Offshore ZTV	N/A	N/A	Yes
Kent and Essex ZTV	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (03/10/2017)	N/A	N/A	Yes
EIA Evidence Plan Meeting Minutes and Presentation (04/10/2017)	N/A	N/A	Yes
Wirelines from Leydown/Warden area	N/A	N/A	Yes
Essex County Council S42 response	N/A	N/A	No
Essex County Council LVIA response (5 th July 2017)	N/A	N/A	No

¹⁵ Document is included under this Evidence Plan report if it is not provided elsewhere within the DCO Application documentation; exceptions to this are meeting minutes, presentation slides which are not reproduced for either the application or the Evidence Plan report. All agreements reached are recorded in detail within the Evidence Plan Logs.

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