

# Project Development Overview

|   |   |
|---|---|
| Phase 0: Pre-feasibility (Pipeline review and prioritisation) | <p><b>Phase Gate 0 to take the project into Phase 1</b></p> <p><b>Reporting input:</b> Results of the pipeline review and prioritisation summary and individual site Project Initiation Document (PID).</p> <p><b>Decisions:</b><br/> a) To approve spend to allow initial feasibility on highest priority sites,<br/> b) To apply for and secure grid connections,<br/> c) The sites to progress with,<br/> a) To set up individual project SPVs.</p> <p><b>Responsible Party:</b><br/> Renewable Energy Developer (RED) Board</p>         |
| Phase 1: Feasibility  | <p><b>Phase Gate 1 to take the project into Phase 2a</b></p> <p><b>Reporting input:</b><br/> Strategic Outline Case.</p> <p><b>Decisions:</b><br/> a) To commit to work to develop a planning application<br/> b) To instruct solicitors to draw up legal documents for the site and access land and approval to initiate Section 83 process<br/> c) To undertake on-site wind monitoring<br/> d) To undertake initial non-statutory consultation with stakeholders.</p> <p><b>Responsible Party:</b><br/> Interim Board / Trydan Board</p> |
| Phase 2a: Pre-Planning  | <p><b>Phase Gate 2 to take project into Phase 2B</b></p> <p><b>Reporting input:</b><br/> Ministerial Advice (MA)</p> <p><b>Decisions:</b><br/> a) To submit planning application and complete formal planning process.<br/> b) To continue with statutory and non-statutory stakeholder engagement during the planning determination period.</p> <p><b>Responsible Party:</b><br/> Trydan Board</p>   |
| Phase 2b: Planning  | <p><b>Phase Gate 3 to take project into Phase 3</b></p> <p><b>Reporting input:</b><br/> OBC providing clear recommendations on the proposed delivery route and ongoing ownership structure.</p> <p><b>Decisions:</b><br/> a) Delivery options to proceed with,<br/> b) Financing / JV options to proceed with,<br/> c) To start turbine and balance of plant procurement and route to market.</p> <p><b>Responsible Party:</b><br/> Trydan Board</p>  |
| Phase 3: Project definition                                   | <p><b>Final Investment Decision:</b></p> <p><b>Reporting input:</b><br/> Full Business Case</p> <p><b>Decisions:</b><br/> a) To enter into financial / JV agreements<br/> b) To enter into lease agreement<br/> c) To appoint turbine supplier and balance of plant contractor<br/> d) Offtaker arrangement to enter into.</p> <p><b>Responsible Party:</b><br/> Trydan Board</p>   |

# Phase 0 - Pre-feasibility

## Pipeline review and prioritisation

Workstreams completed for 22 sites

- Review any feasibility work already undertaken (e.g. Arup reports).
- Initial screening (Constraints mapping, planning policy review, initial access review, turbine layout & resource assessment
- Site visits with NRW
- Initial consultation with NRW
- Initial grid liaison with WPD, SPEN, National Grid
- Project Initiation Documents (PIDs) completed for all 22 sites
- 22 sites entered Phase 1 (Feasibility) with a tiering system prioritizing 5 sites for detailed feasibility

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# Trydan Overview / Tiering

| Project name           | Scale | Landscape & Visual | Ecology & Ornithology | Cultural Heritage | Residential Properties | Water, Soils & Peat | Aviation & Telecomms | Cumulative | Community & Politics | Planning Prospects | Tier after Phase 0 | Comments                             |
|------------------------|-------|--------------------|-----------------------|-------------------|------------------------|---------------------|----------------------|------------|----------------------|--------------------|--------------------|--------------------------------------|
| [information redacted] | 3     | 3                  | 3                     | 3                 | 3                      | 3                   | 3                    | 3          | 2                    | 26                 | 1                  | Third party land (access & turbines) |
| [information redacted] | 3     | 3                  | 3                     | 3                 | 3                      | 3                   | 2                    | 2          | 2                    | 24                 | 1                  | Third party land (access)            |
| [information redacted] | 3     | 3                  | 3                     | 3                 | 2                      | 1                   | 2                    | 2          | 2                    | 21                 | 1                  | Third party land (access & turbines) |
| [information redacted] | 3     | 2                  | 3                     | 3                 | 3                      | 2                   | 2                    | 2          | 2                    | 22                 | 1                  | Active coal mining risk              |
| [information redacted] | 3     | 2                  | 3                     | 3                 | 3                      | 1                   | 2                    | 2          | 2                    | 21                 | 1                  | Significant Peat on-site             |
| [information redacted] | 3     | 2                  | 3                     | 3                 | 3                      | 1                   | 2                    | 3          | 1                    | 21                 | 1                  | Significant Peat on-site             |
| [information redacted] | 1     | 1                  | 3                     | 3                 | 1                      | 1                   | 2                    | 1          | 1                    | 14                 | 1                  | Within PAA, significant issues       |
| [information redacted] | 1     | 3                  | 3                     | 3                 | 1                      | 3                   | 2                    | 1          | 2                    | 19                 | 2                  | Scale/Cumulative                     |
| [information redacted] | 3     | 1                  | 3                     | 3                 | 3                      | 2                   | 2                    | 2          | 2                    | 21                 | 2                  | Proximity to NP                      |
| [information redacted] | 3     | 2                  | 2                     | 2                 | 3                      | 1                   | 2                    | 2          | 2                    | 19                 | 2                  | Significant Peat on-site             |
| [information redacted] | 3     | 2                  | 3                     | 3                 | 3                      | 1                   | 2                    | 2          | 2                    | 21                 | 2                  | Significant Peat on-site             |
| [information redacted] | 3     | 2                  | 2                     | 2                 | 3                      | 1                   | 2                    | 2          | 2                    | 19                 | 2                  | Significant Peat on-site             |
| [information redacted] | 3     | 2                  | 2                     | 2                 | 3                      | 3                   | 2                    | 3          | 2                    | 22                 | 2                  | Proximity to NP                      |
| [information redacted] | 1     | 3                  | 3                     | 3                 | 2                      | 3                   | 2                    | 2          | 2                    | 21                 | 3                  | Scale                                |
| [information redacted] | 3     | 2                  | 3                     | 3                 | 3                      | 2                   | 2                    | 2          | 1                    | 21                 | 3                  | Recreation                           |
| [information redacted] | 1     | 3                  | 3                     | 3                 | 2                      | 3                   | 2                    | 2          | 2                    | 21                 | 3                  | Scale                                |
| [information redacted] | 1     | 1                  | 3                     | 3                 | 1                      | 1                   | 2                    | 3          | 2                    | 17                 | 4                  | Proximity to AONB, scale             |
| [information redacted] | 1     | 2                  | 3                     | 3                 | 2                      | 2                   | 2                    | 3          | 2                    | 20                 | 4                  | Scale                                |
| [information redacted] | 1     | 3                  | 3                     | 3                 | 1                      | 1                   | 2                    | 3          | 2                    | 20                 | 4                  | Scale                                |
| [information redacted] | 1     | 1                  | 3                     | 1                 | 1                      | 2                   | 2                    | 1          | 1                    | 13                 | 4                  | Scale                                |
| [information redacted] | 1     | 2                  | 3                     | 2                 | 1                      | 2                   | 2                    | 2          | 2                    | 17                 | 4                  | Scale                                |
| [information redacted] | 3     | 2                  | 3                     | 3                 | 1                      | 1                   | 2                    | 3          | 2                    | 20                 | 4                  | Significant Peat on-site             |

## Trydan Overview / Tiering

### Trydan Conclusion:

Excellent work undertaken by RED Programme team. Agree with:

- Tier 1 projects, 2 of which were not subsequently allocated feasibility budget due to planning constraints ([information redacted]) and major grid delay ([information redacted])
- Prioritisation of the 5 sites

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## Phase 1 - Feasibility (Commissioned Studies)

| Project | Indicative MW        | LPA | Within a PAA? | Commissioned Phase 1 Studies  | LPC (NRW board sign off) |
|---------|----------------------|-----|---------------|---|--------------------------|
|         | Information Redacted |     |               | Access (joint with [information redacted]), mining, EMI, peat, and LVIA appraisal | Information Redacted     |
|         |                      |     |               | Access/haulier assessment, topo, airwave  |                          |
|         |                      |     |               | Access (joint with [information redacted]), peat, mining, EMI                     |                          |
|         |                      |     |               | Access, EMI, and peat.  |                          |
|         |                      |     |               | Access, mining, EMI, peat, EYA, and L&V appraisal                                 |                          |

## Reflection of phase 1 activities

**The project phase gate process under the RED programme is a well-considered project process framework which will be largely followed by Trydan. Key development steps under phase 1 (Feasibility) are:**

1. Major risk quantification / mitigation (undertake / commission assessments to investigate major risks identified in Phase 0)
2. Secure grid connection
3. Identify potential 3rd party landowners (for access / project extension) and agree heads of terms.
4. Set up project specific Special Purpose Vehicle (SPV)
5. Agree heads of terms with NRW
6. NRW Land and Property Consultation (LPC)
7. Strategic Outline Case for development

## Reflection of phase 1 activities

Steps 1, 2 (save for [information redacted]) and 7 are complete (step 3 partially where relevant) for all sites seeking to enter Phase 2a, LPC approval are agenda items for scheduled NRW board meetings. It is important for phase 1 to strike the right balance between detailed feasibility to provide confidence of a project's commercial, financial and consenting viability whilst keeping projects on the critical path for timely planning submissions and decisions. Therefore, not all Steps are necessary under phase 1, for example:

- Step 3 doesn't necessarily require agreed HoTs with 3<sup>rd</sup> private landowners for access; provided they have been identified and initial positive discussions have taken place projects should be allowed to enter Phase 2a (note: this would be a very challenging ask for [information redacted] projects where multiple access agreements are required)
- Step 4, this can be an early Phase 2a activity
- Step 5, the intention is to agree a standard set of commercial Heads of Terms with NRW, when HoTs are agreed this step will be complete under Phase 0 for new projects
- Step 6, before this step is complete there should be agreement that seasonal, time critical, surveys can commence on-site, especially considering the likely need for 2 years' worth of bird survey data.

## Phase 1 - Feasibility (Grid Status)

| Site | Secured capacity | Comments  |
|------|------------------|---|
|      |                  | BEGA forms submitted [information redacted].  |
|      |                  | Trydan considering a revised G99 for submission to [information redacted], based on [information redacted], should this progress the BEGA application will be formally withdrawn. |
|      |                  | MPS/Project Progression forms returned to [information redacted] [information redacted]   |
|      |                  | Feasibility work ([information redacted]) due to commence shortly.  |
|      |                  | Variation to Contract signed [information redacted]<br>Notified [information redacted] for site to be include in Project Progression Process ([information redacted])             |

\* Contingent on new GSP in [information redacted] to be completed by [information redacted], however existing circuits off [information redacted] will need to be transferred onto the new GSP before Trydan projects can connect.



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## Priority 1 Site Locations and Programming

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- 2-year bird survey programmes to be commissioned at earliest opportunity across all sites in order to keep projects on the critical path, allowing flexibility of phasing/resourcing in event of unforeseen issues, [information redacted] survey window (Breeding) or [information redacted] survey window (Wintering), subject to resourcing and obtaining any third-party access rights

- Priority 1 sites represent a wide geographic spread of initial projects and is in-line with Trydan's resource capacity. A wide geographic spread of initial projects allows Trydan to engage with diverse communities to establish individual community needs for optimal social, economic and environmental creation.

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