

Proposed Measures to Protect Social & Environmental Features & Considerations (Cont..)

<input checked="" type="checkbox"/> Water sampling	<input type="checkbox"/> Forest edge planting
<input checked="" type="checkbox"/> Install silt traps/barriers	<input type="checkbox"/> Environmental setback planting
<input type="checkbox"/> Drain blocking/slow-water dams	<input type="checkbox"/> Other (specify)
<input checked="" type="checkbox"/> Utilise brush mats along extraction routes	<input type="checkbox"/> Other (specify)
<input checked="" type="checkbox"/> Exclude machinery in areas adjoining aquatic zones, water abstraction points & water-related 'hotspots'	<input type="checkbox"/> Other (specify)

Ancillary Information (include relevant information to expand on above & to detail important aspects such as the sequencing of operations, the width of environmental setbacks & contingency planning. Ensure accurate cross-referencing and consistency with maps) *

Harvesting

This Harvest Management Plan (HMP) sets out the proposed harvesting and extraction procedures and will be updated as part of the felling licence application. Operations will take place during dry weather to minimise soil compaction and track rutting, with all works suspended during periods of prolonged or high rainfall. Proposed machinery will comprise a harvester and a low-ground pressure forwarder with a 14-tonne bunk capacity. Before commencement of felling, all operators will be fully briefed of the harvest plan, including potential hazards, environmental sensitivities, and corresponding protective measures on site. Advance notice and safety signage will be erected prior to harvesting, and harvest boundaries will be clearly marked before operations begin.

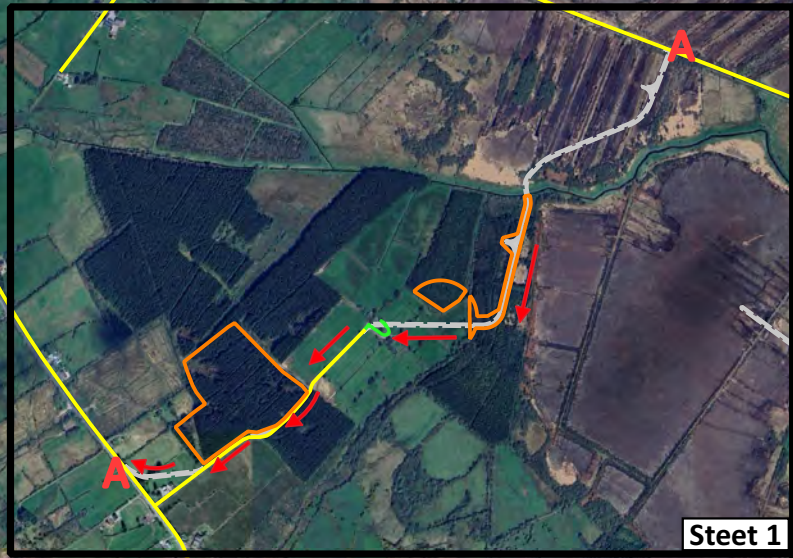
Temporary bridges will be used where necessary, as indicated on the Harvest Plan Maps. Brush mats will be used along all extraction routes, with corduroy rafts deployed to reinforce short sections of soft ground subject to high traffic usage. Extraction routes, indicated by red arrows on the Harvest Plan Maps, will be confirmed in consultation with the appointed contractor. Particular attention will be paid to minimising disturbance to ground surfaces, drains/streams, and biodiversity features. Brush, logs, or debris will not be allowed to enter the aquatic zones and relevant watercourses. Felled tree to be stacked in a responsible manner to prevent contamination of watercourses with organic rich leachate exuding from cuttings. Refuelling and maintenance of machinery will be conducted at dry, elevated ground, at least 50 m from aquatic zones and 20 m from watercourses.

Sediment traps will be installed within relevant watercourses before harvesting commences, at strategic locations identified on the ground. Sediment traps will be monitored and maintained (i.e., cleaned out and/or added to, as appropriate) throughout felling, extraction, and periodically thereafter, until the site stabilises. There will be a 20m buffer around aquatic zones (10m either side) and 10m buffer around relevant watercourses (5m either side) identified in maps. Existing drains will be incorporated and enhanced where necessary and will integrate with the proposed renewable energy development's drainage system.

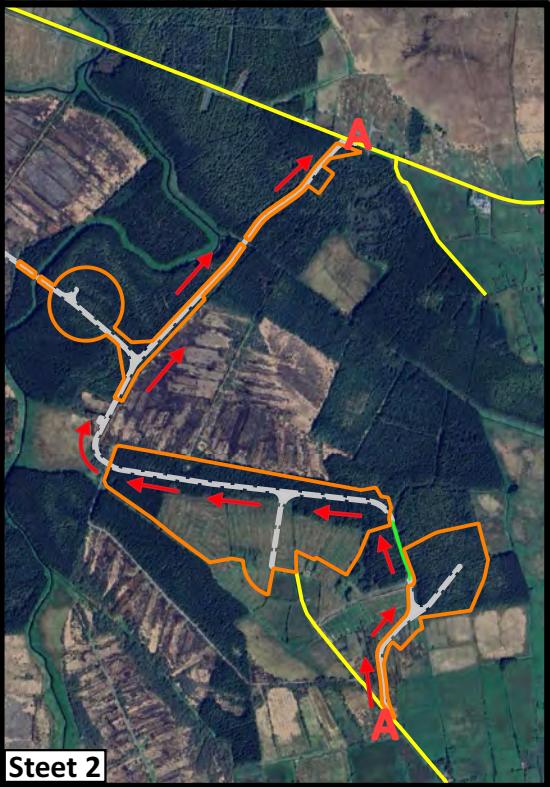
Onsite supervision will be present during operations to ensure that felling and extraction are carried out appropriately and that water protection measures are adequate and remain effective throughout, and to trigger contingency measures, if necessary (e.g., to cease operations if rainfall creates a risk of sediment mobilisation and runoff). All staff must always wear high-visibility jackets and hard hats. All personnel on site must have appropriate Health and Safety training. All felling/harvesting operations to comply with the Forest Harvesting and the Environment Guidelines and Forestry and Water Quality Guidelines.

Access to site – Access to the site will be facilitated via several local roads associated with the wind farm development. The L-56402 road, which connects directly to the N5, together with the L-1217 and L-56421 roads, will serve as the haul routes for construction traffic and timber transport.

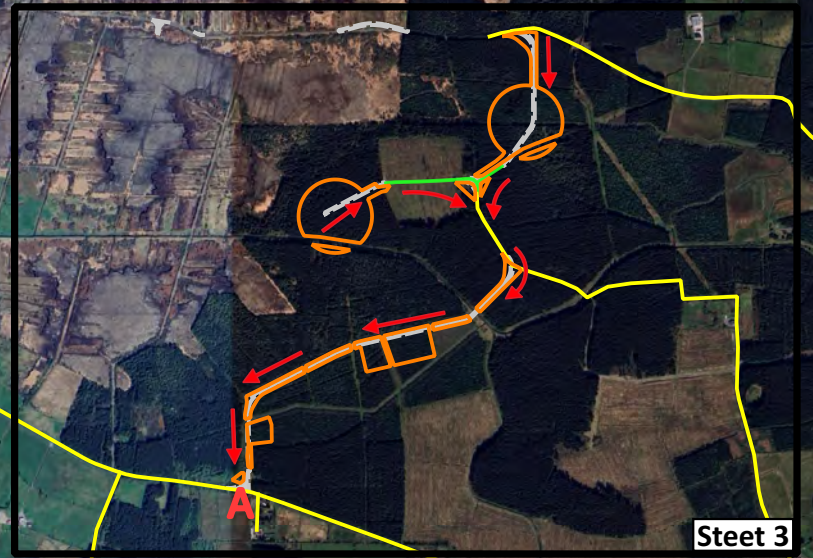
Harvest Management Plan Overview Carrigeen Renewable Energy Development









Sheet 1



Sheet 2



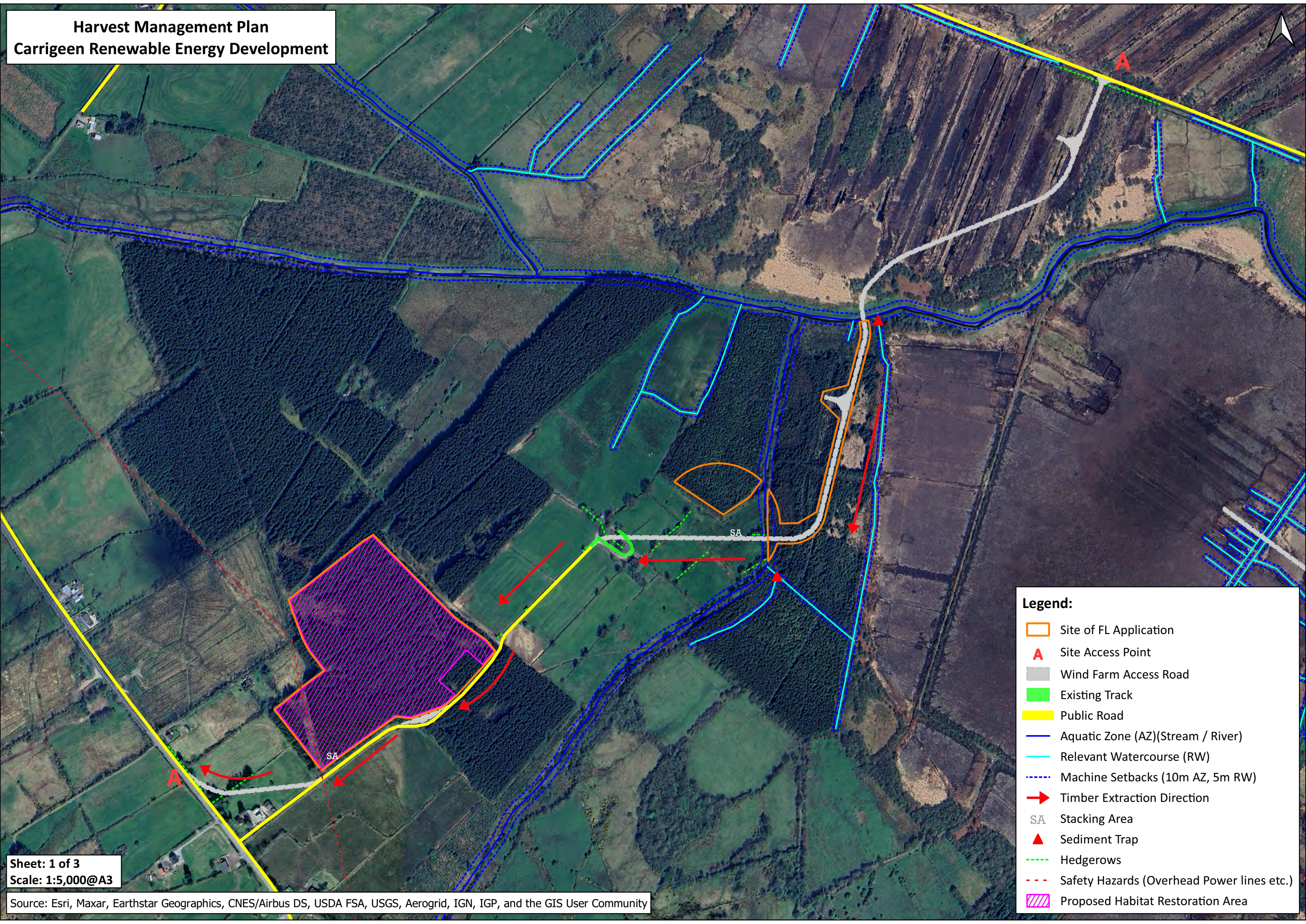
Sheet 3

- Legend:**
-  Site of FL Application
 -  Site Access Point
 -  Public Road
 -  Existing Track
 -  Wind Farm Access Road
 -  Timber Extraction Direction

Sheet: Overview
Scale: NTS@A3

Source: Esri, Maxar, Earthstar Geographics, CNES/Airbus DS, USDA FSA, USGS, AeroGRID, IGN, IGP, and the GIS User Community

Harvest Management Plan Carrigeen Renewable Energy Development



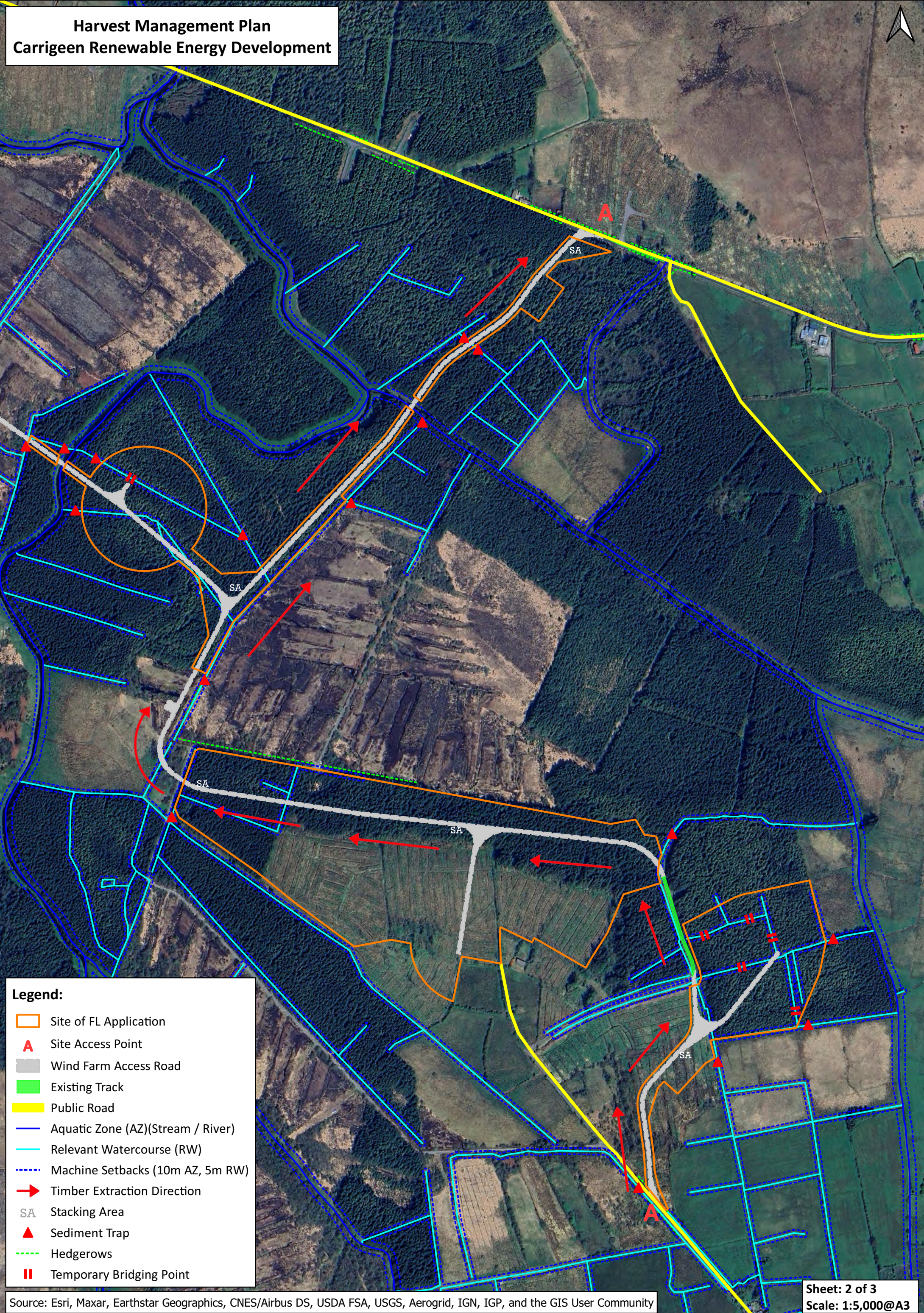
Legend:

- Site of FL Application
- Site Access Point
- Wind Farm Access Road
- Existing Track
- Public Road
- Aquatic Zone (AZ)(Stream / River)
- Relevant Watercourse (RW)
- Machine Setbacks (10m AZ, 5m RW)
- Timber Extraction Direction
- Stacking Area
- Sediment Trap
- Hedgerows
- Safety Hazards (Overhead Power lines etc.)
- Proposed Habitat Restoration Area

Sheet: 1 of 3
Scale: 1:5,000@A3

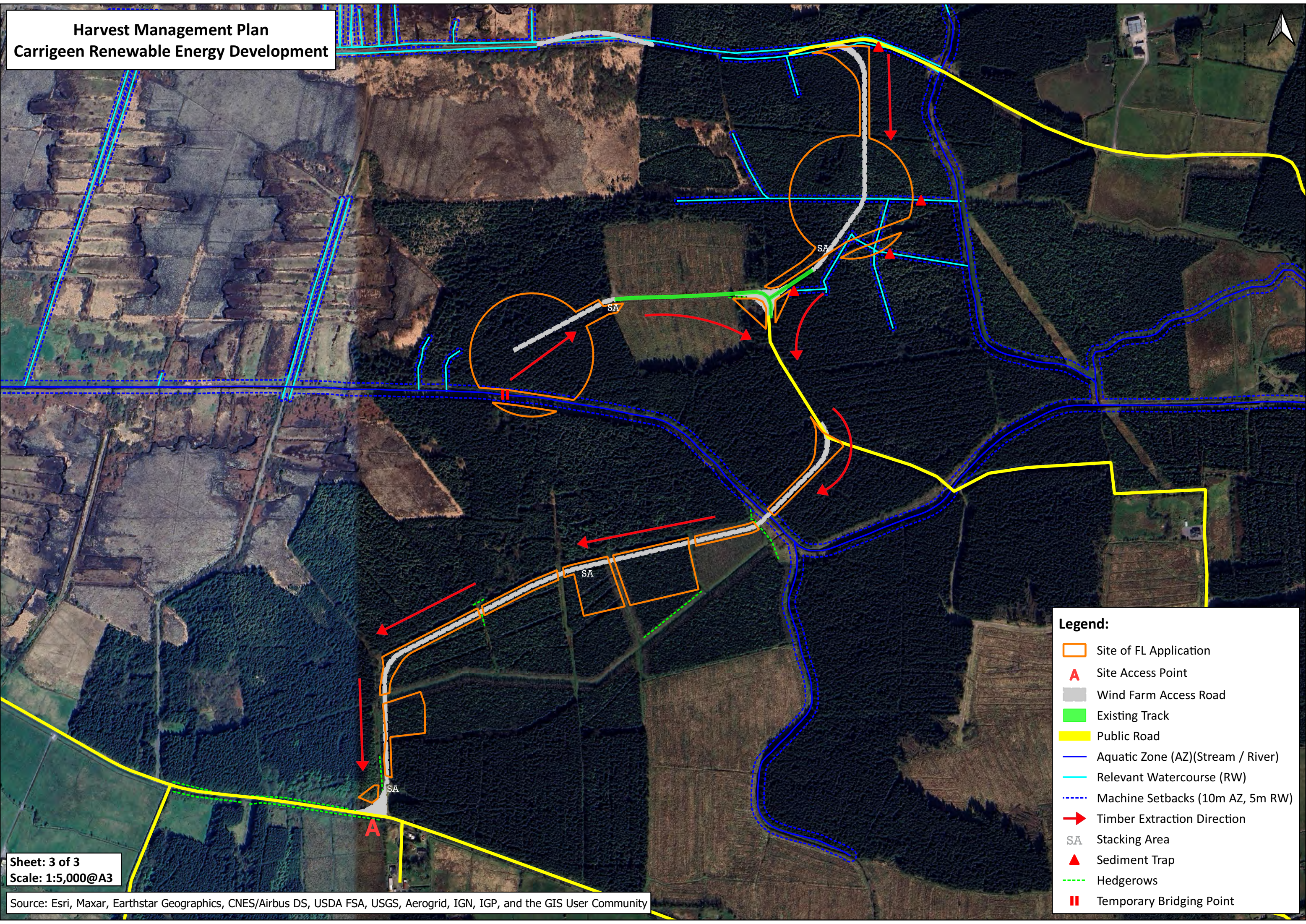
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Harvest Management Plan Carrigeen Renewable Energy Development
















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 - Hedgerows
 - Temporary Bridging Point

Harvest Management Plan Carrigeen Renewable Energy Development



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Sheet: 3 of 3
Scale: 1:5,000@A3

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