Appendix 10-2 LVIA Mapping

EIAR – Volume 3

Muingmore Wind Farm

SLR Project No.: 501.065301.00001

April 2026

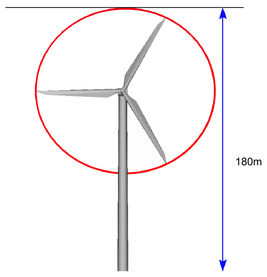
ZTV (Zone of Theoretical Visibility) indicating the areas that have a potential view of the proposed turbines at Muingmore Wind Farm (Tip Height 180m)

Proposed Turbines

No. Turbines Visible

- 1 - 3
- 4 - 6
- 7 - 9
- 10 - 13

20km Extent



This ZTV map is based on the potential to see any part of the proposed turbine/s from the tip to base in a theoretical bare-ground scenario i.e. without accounting for screening by vegetation and/or buildings.

Observer Height assumed: 1.7m to eye-level height
Tip Height: 180m

Scale: 1:77,000 if printed @ A1 size

CYAL50438798
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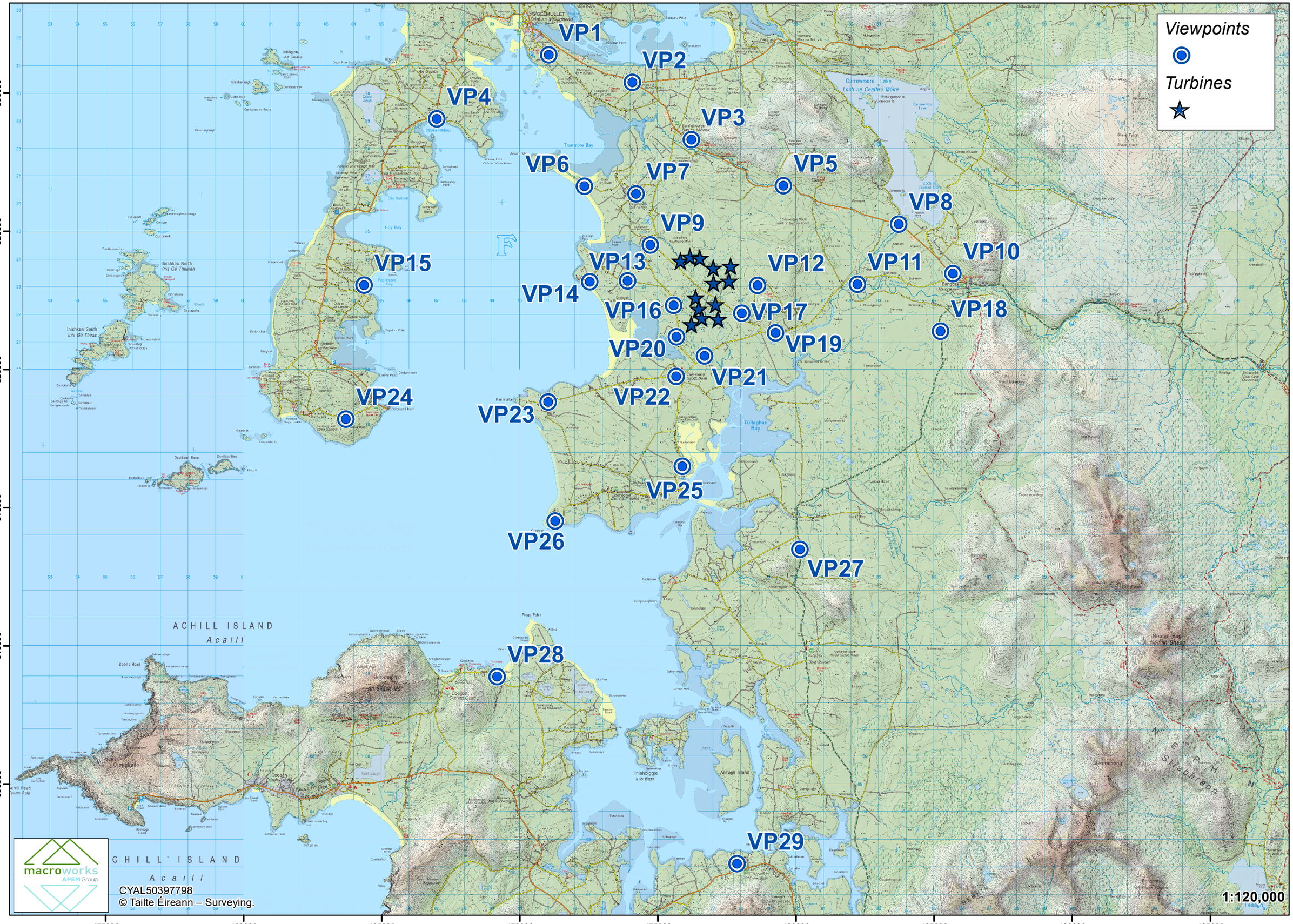
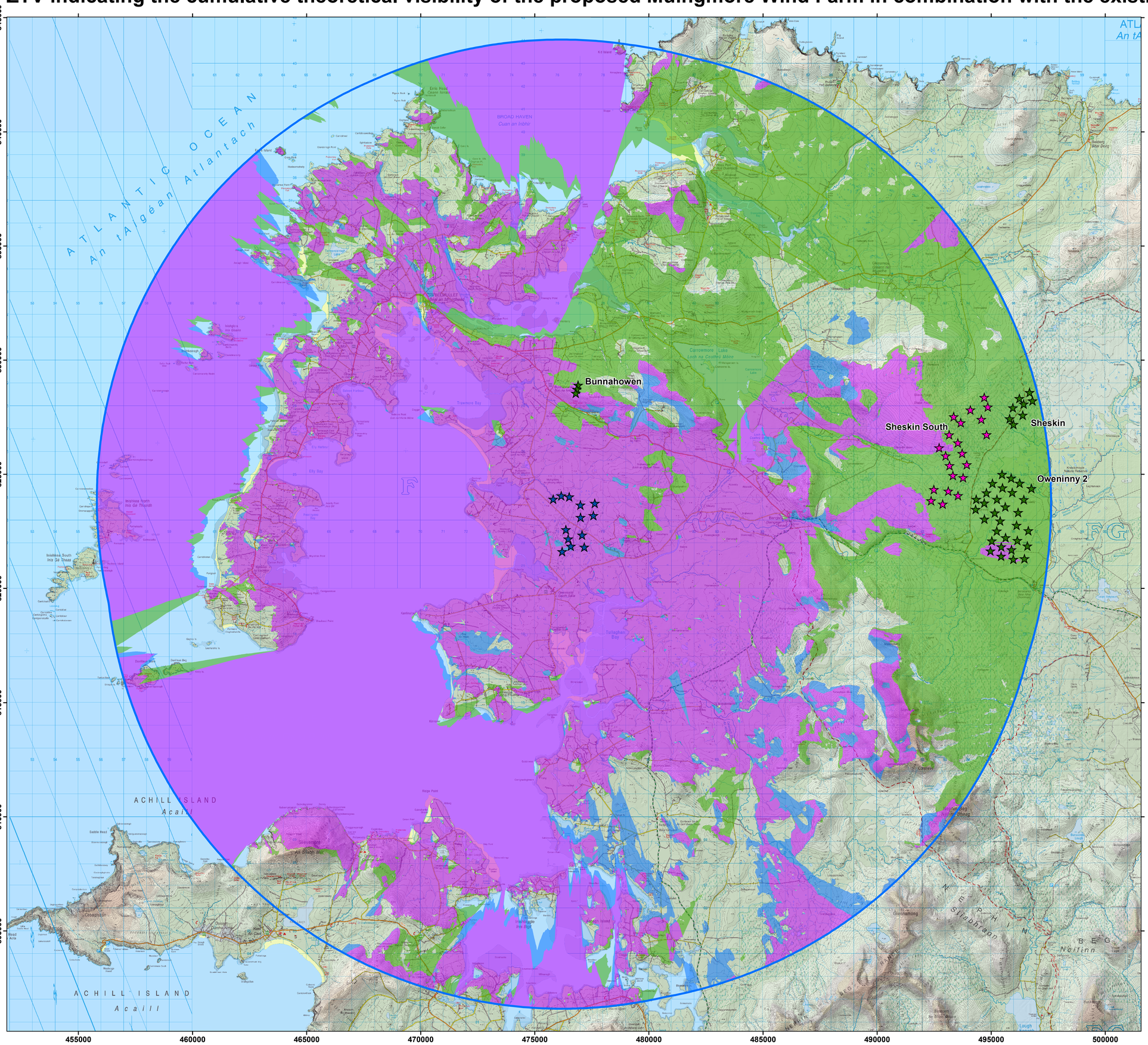
Viewpoint locations selected for the Muingmore Wind Farm project



ZTV indicating the cumulative theoretical visibility of the proposed Muingmore Wind Farm in combination with the existing cumulative scenario



Proposed Turbines

Existing Turbines

Permitted Turbines

Wind Farm Visibility

23.4%	*Visibility of existing and/or permitted turbines only*
54.9%	*Visibility of proposed turbines as well as existing and/or permitted turbines*
3.9%	*Visibility of proposed turbines only*

17.8% of the entire study area to 20km will not have any view of the turbine blades of the proposed Wind Farm or that of any existing or permitted wind farms

20km Extent

This ZTV map has been calculated such that a turbine registrers as been theoretically visible to observers in the surrounding landscape once there is an unobstructed line of sight to its blade tip.

Observer Height assumed: 2m to eye-level height
Blade Tip Heights: Variable

Note: This ZTV map is calculated for landform screening only and does not take account of the significant screening effects of vegetation (hedgerows, trees) and buildings inherent across the study area.

Scale: 1 : 80,000 if printed @ A1 size

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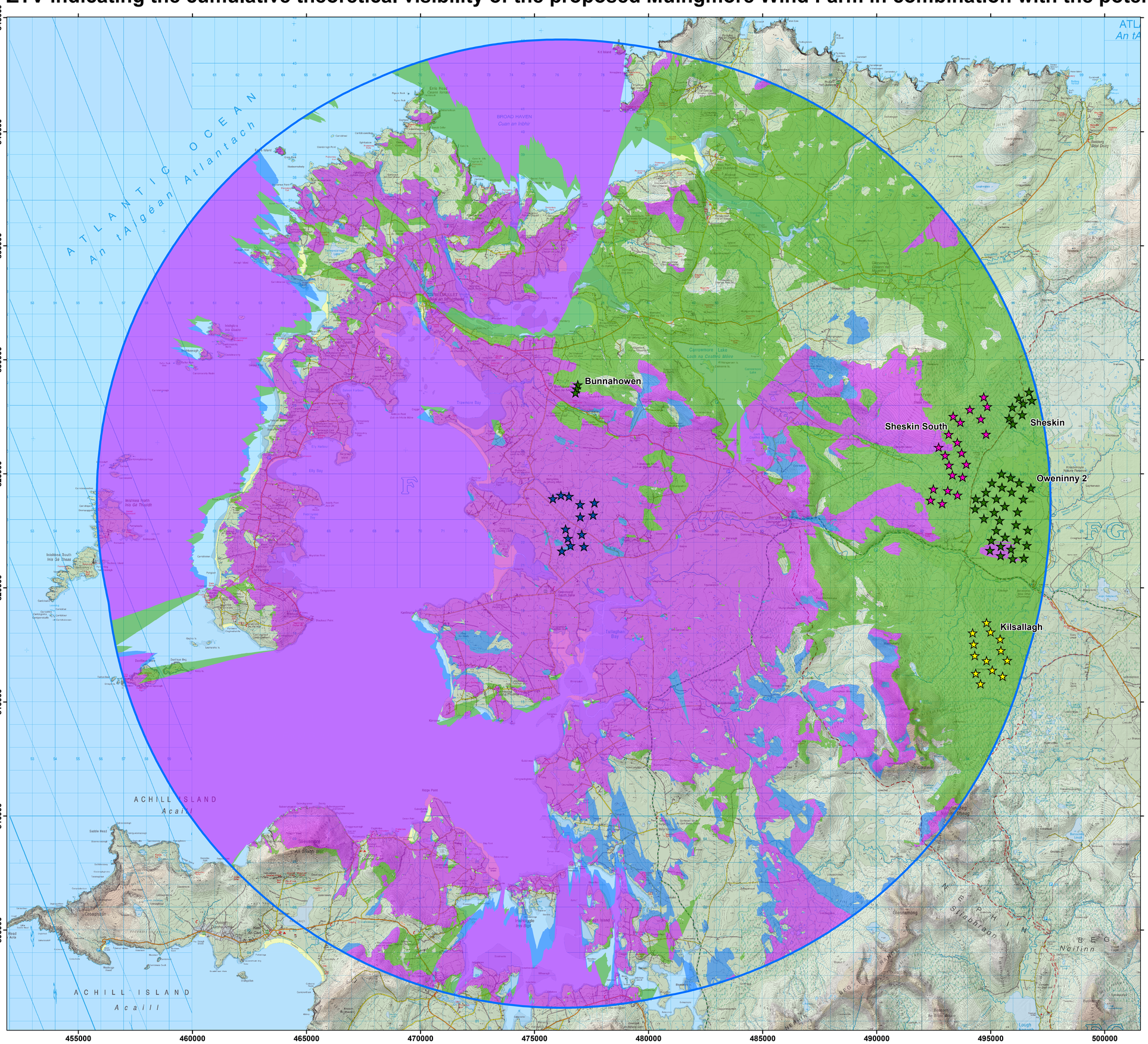
ZTV indicating the cumulative theoretical visibility of the proposed Muingmore Wind Farm in combination with the potential future cumulative scenario



Proposed Turbines

Existing Turbines

Permitted Turbines

In-Planning Turbines

Wind Farm Visibility

23.9%	*Visibility of existing, permitted or Pre-Planning turbines only*
55%	*Visibility of proposed turbines as well as existing, permitted or Pre-Planning turbines*
3.8%	*Visibility of proposed turbines only*

17.2% of the entire study area to 20km will not have any view of the turbine blades of the proposed Wind Farm or that of any existing, permitted or Pre-Planning wind farms

20km Extent

This ZTV map has been calculated such that a turbine registrers as been theoretically visible to observers in the surrounding landscape once there is an unobstructed line of sight to its blade tip.

Observer Height assumed: 2m to eye-level height
Blade Tip Heights: Variable

Note: This ZTV map is calculated for landform screening only and does not take account of the significant screening effects of vegetation (hedgerows, trees) and buildings inherent across the study area.

Scale: 1 : 80,000 if printed @ A1 size

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