

## **EIR – 202300356373 - Documents**

This file contains the documents relating to EIR 202300356373.

Where redactions have been made the exception used has been made clear. Where no exception clause was given this is under regulation 11 and is personal information that has been redacted.

# **Document 1 – Ministerial Submission – November 2022**

From: Energy Industries Division  
17 November 2022

**Cabinet Secretary for Net Zero, Energy and Transport**

## **STATISTIC REQUIRING UPDATE – SCOTLAND HAS 25% OF EUROPE’S OFFSHORE WIND POTENTIAL**

### **PRIORITY AND PURPOSE**

1. Urgent.
2. To provide Ministers with an update on increasing parliamentary and media scrutiny in relation to the Scottish Government’s use of the statistic that ‘Scotland has an estimated 25% of Europe’s offshore wind potential’, which was highlighted in a report by the These Islands group on 9 November 2022.

### **RECOMMENDATION**

3. You are asked to:
  - note contents of this submission and refrain from using the statistic in question;
  - approve the draft letter text included in **Annex A** to Alex Cole Hamilton MSP, in response to a letter he sent to the First Minister on 14 November 2022;
  - approve the suggested next steps which include:
    - Officials will commence a process to identify where the ‘Scotland has an estimated 25% of Europe’s offshore wind potential’ figure has been used previously in SG material and publications and identify correspondence relating to this figure.
    - Officials will commence a process to establish a new or alternative approach to quantifying Scotland’s offshore wind potential.
    - Approve draft text for a note to be sent by officials to relevant public sector organisations (the enterprise agencies, CES, SNIB) requesting that they refrain from using the statistic in any future publications or correspondence. Draft text for approval is included in **Annex B**.
    - It is recommended that Ministers update Parliament accordingly, at the appropriate point, once the information is available.

### **CONTEXT AND ISSUES**

4. The statistic relating to Scotland having 25% of Europe's offshore wind potential was initially set out in a 2010 publication and has been subsequently used in a range of SG materials and publications.
5. The figure has also been used by the UK Government. For example, it was quoted in the UK Government’s Strategy to boost Scotland’s offshore wind sector, published in 2013.
6. Scottish Ministers thought that the statistic was accurate at the time they cited it. As the Minister for Green Skills, Circular Economy & Biodiversity said in the Chamber on 15 November 2022, Ministers became aware of the issues raised in a report by These Islands on 8 November. On

that basis officials would **not** consider it appropriate for the Minister to seek correction of the Official Record, as called for by certain opposition members.

7. We recognise that changes in technology and use of marine space mean that this statistic now requires updating. However, Scotland's enormous potential for offshore wind has not changed.

8. Scotland remains at the forefront of the developing offshore wind industry in Europe and ScotWind, the world's largest floating offshore leasing round, represents a massive step forward in our transition to net zero and breaks new ground in putting large-scale floating wind technology on the map at Gigawatt scale.

9. The potential pipeline of offshore wind in Scotland – subject to planning and consenting decisions and finding a route to market – is over 40 Gigawatts. This is the equivalent to produce enough electricity to power every home in Scotland for 17 years, or every home in the UK for over a year and a half. A breakdown of Scotland's potential offshore wind pipeline, alongside a footnote outlining and referencing the above calculation, is included in **Annex C**.

**[Redacted under 10(4)d Material in the course of completion]**

#### **SENSITIVITIES**

10. Scotland's offshore wind potential pipeline is subject to planning and consenting decisions, and finding a route to market. Any strengthening of the reference to 40GW potential pipeline could risk undermining evidence led processes, such as the Iterative Plan Review of the Sectoral Marine Plan for Offshore Wind Energy.

11. Similar statistics relating to Scotland's wave and tidal potential have also been queried via the FOI/EIR process and similarly need to be updated. The potential for wave and tidal energies will also be considered as part of the next steps in the statistical work.

#### **QUALITY ASSURANCE**

12. This Submission has been approved by Andy Hogg, Deputy Director, Energy Industries Division and Kathy Johnston, Interim Deputy Director, Office of the Chief Economic Adviser.

#### **CONCLUSION AND NEXT STEPS**

13. We recognise that there was correspondence about the use of the statistic between officials in late 2020 in relation to a speech. Officials propose to undertake a further examination of our records alongside work to assess the statistic and provide a replacement estimate. Once this work is concluded, it is recommended that Scottish Ministers update Parliament accordingly.

Subject to Ministers views, officials will:

- Commence a process within the next two weeks to identify where the 'Scotland has an estimated 25% of Europe's offshore wind potential' figure has been used previously in SG material and publications and identify correspondence relating to this figure and;
- Commence a process within the next two weeks to establish a new or alternative approach to quantifying Scotland's offshore wind potential.

#### **COMMUNICATIONS AND HANDLING**

14. The Scottish Government News team is continuing to receive a number of press enquiries about the use of the statistic, its origin and when Ministers were first made aware. The Cabinet Secretary has cleared holding lines which are being deployed. As further material is released under FOI we anticipate there may be more media and parliamentary interest around our historical processes. We are in close contact with News to ensure lines to take are prepared in relation to any further release of material under FOI.

15. It is recommended that Ministers will update Parliament in due course once the steps outlined above have been concluded. Initial consideration at official level suggests this may take the form of a letter from the Government to the Presiding Officer (copied to all MSPs), clarifying the background to the issue and how Ministers propose to assess Scotland wind potential going forward. Alternatively, should Ministers wish to give more prominence to the issue, there is the option of a ministerial statement to Parliament.

REDACTED

DECC: Energy Industries

Copy List:	For action	For information		
		Portfolio interest	Constituency interest	General awareness
First Minister				
Deputy First Minister				X
Minister for Business, Trade, Tourism & Enterprise				X
Minister for Green Skills, Circular Economy & Biodiversity				X
Minister for Parliamentary Business		X		

DG Net Zero  
 Director for Marine Scotland  
 Director for Energy and Climate Change  
 Kersti Berge  
 Mike Palmer  
 Andy Hogg  
 Ragne Low  
 Philip Raines  
 REDACTED (multiple)

**Draft letter to Alex-Cole Hamilton MSP**

Dear Alex-Cole Hamilton MSP,

Thank you for your letter of 14 November 2022 to the First Minister regarding Scottish Government's use of a statistic claiming Scotland has 25% of Europe's offshore wind potential. The First Minister has asked me to respond on her behalf as the portfolio minister.

I note that this figure has been used for a number of years by the UK Government. In addition to this, it has also been used by the UK Government, including in a report published by the former Secretary of State for Scotland, Michael Moore. We have accepted that the 25% figure for offshore wind potential is dated. As the Minister for Green Skills, Circular Economy & Biodiversity said in the Chamber on 15 November, Ministers became aware of the issues raised in a report by These Islands on 8 November. Scottish Ministers thought that the statistic was accurate at the time they cited it.

Further work is underway to fully understand the scale of Scotland's potential for offshore wind. We will update Parliament once this work is concluded, and at that point also consider how any legacy documents, including the National Strategy for Economic Transformation, may need to be updated.

I welcome your support for the expansion of Scotland's renewable energy sector, and I share your desire to see Scotland fulfil our renewable energy potential and play a significant role in the future of our global wind energy. The key point is that Scotland's enormous potential for offshore wind has not changed. In fact, we have made big progress in recent years with a potential pipeline, subject to planning and consenting decisions and finding a route to market, of 40GW of offshore wind projects – the equivalent to produce enough electricity to power every home in Scotland for 17 years or every home in the UK for over a year and a half.

Under the terms of the Scottish Ministerial Code all Ministers have a personal responsibility to be accurate and truthful in their contributions during Parliamentary proceedings. It is a matter for the Minister concerned to determine whether they wish to seek a correction to the Official Report.

I hope this clarifies the position of this government, and I will ensure that we provide you with a further update upon completion of our work on the scale of Scotland's potential for offshore wind.

Yours sincerely

Michael Matheson  
Cabinet Secretary for Net Zero, Energy and Transport

**Draft text to public sector organisation Chief Executives**

Dear {INSERT NAME OF CHIEF EXECUTIVE}

As I'm sure you are aware, a report has recently been published by These Islands group on 9 November 2022, relating to the statistic that 'Scotland has 25% of Europe's offshore wind potential'.

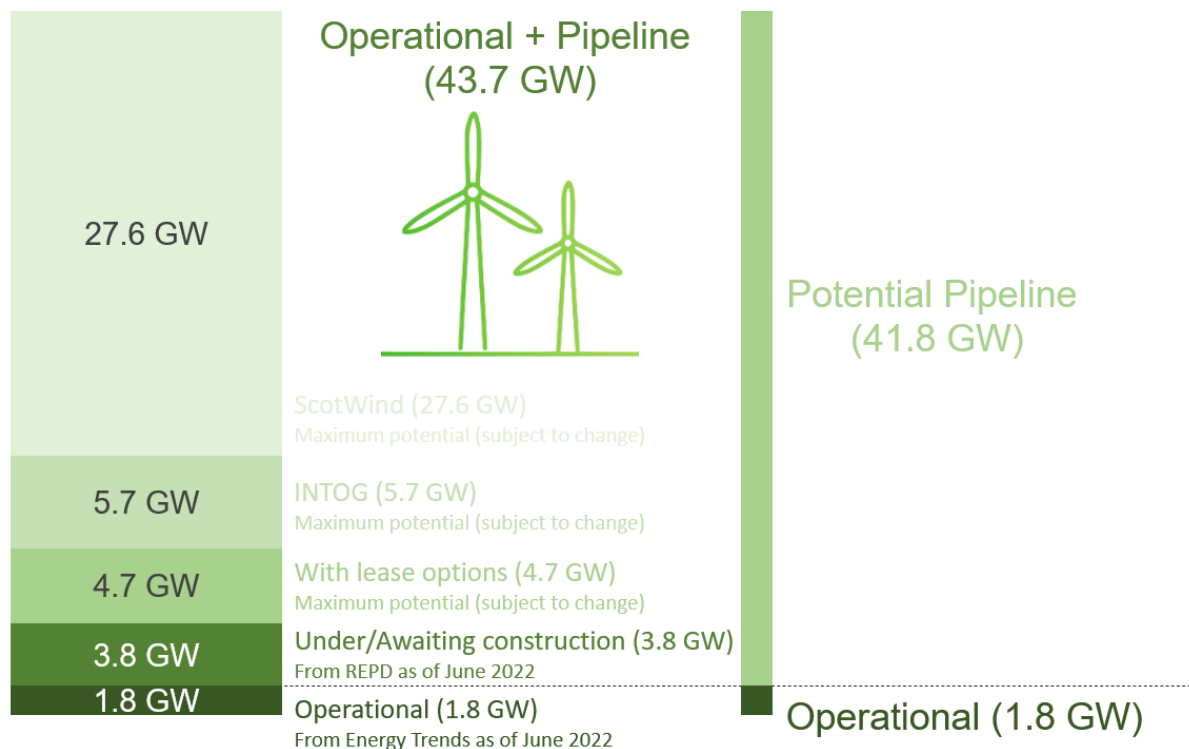
I wanted to make you aware that the Scottish Government is now undertaking further examination of our records to assess this statistic and provide a replacement estimate.

I would ask that your organisation also refrain from using this statistic and that you review any future publications and correspondence to ensure this statistic is not included.

Yours sincerely

{INSERT NAME OF OFFICIAL}  
Scottish Government

## Scotland's Offshore Wind Capacity (Operational and Potential Pipeline)



- The 20 ScotWind projects which have secured lease options now total up to 27.6 GW with initial supply chain commitments indicating an average of £1.4bn investment in Scotland per project. This equates to £28 billion of investment across the 20 projects.
- This is in addition to Scotland's existing almost 2 GW of operational projects, 3.85 GW pipeline of projects consented or under construction, 4.2 GW of projects with lease options ahead of ScotWind leasing results, as well as a potential further 5.7 GW from a new leasing round designed to enable development of new offshore wind projects targeting oil and gas decarbonisation, known as INTOG.
- Scotland's enormous potential for offshore wind has not changed; in fact we have made big progress in recent years. Subject to planning and consenting decisions and finding a route to market, we have a potential pipeline of 40 GW of offshore wind projects – the equivalent to produce enough electricity to power every home in Scotland for 17 years or every home in the UK for over a year and a half<sup>1</sup>.

<sup>1</sup> These calculations are based on 40GW new offshore wind capacity operating at 51% load factors, powering homes with consumption averaging 3,880kWh/year. Figures taken from: [BEIS Electricity Generation Costs \(2020\) - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/102222/BEIS_Electricity_Generation_Costs_2020.pdf); [Energy consumption in the UK 2021 - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/102222/BEIS_Electricity_Generation_Costs_2020.pdf)

## **Sensitivities**

Caveats relate to the 40 GW figure:

- This 'potential pipeline' is subject to planning and consenting decisions, and finding a route to market.
- Any strengthening of the reference to '40GW potential pipeline' could risk undermining evidence led processes, such as the Iterative Plan Review (IPR) of the Sectoral Marine Plan for Offshore Wind Energy. The IPR is likely to conclude that the carrying capacity of the Scottish marine environment is constrained in some areas due to impacts on receptors such as seabirds, which will make developments at a scale significantly below 40GW very challenging to consent. Impacts on other users such as fishers will also be taken into account by the IPR.
- There is currently uncertainty concerning the regulatory framework governing the consenting of offshore wind development, which is currently the subject of UKG reforms. Until we have clarity over this framework we will not know the degree to which the future regulatory regime will allow large scale offshore wind development in Scottish Waters.
- We are finalising the draft energy strategy to go out to consultation later this year. The current intention is that this will ask stakeholders for their views on what the offshore wind ambitions for Scotland should be and we would not wish to pre-empt that process.
- We have recommended that the draft ESJTP acknowledges the progress which has been made since the Offshore Wind Policy Statement was published in 2020, and use this opportunity to consult on updating our ambition for offshore wind in Scotland by 2030, as well as setting an ambition for 2045, in a way which takes into consideration all of these issues and the views of all stakeholders, to achieve a Just Transition and our common net zero goals.
- Following the review of this statistic, officials will consider any changes required to the draft ESJTP and will work with the ESJTP team as necessary.



[Redacted under 10(4)d Material in the course of completion]

ANNEX D

## **Document 2 – Ministerial Submission – January 2023**

OCEAEA: Energy and Heat Analysis  
26/01/2023

Cabinet Secretary for Net Zero, Energy and Transport

### **ALTERNATIVE METRICS OF SCOTLAND'S OFFSHORE WIND POTENTIAL**

Priority and Purpose

1. Priority: Routine
2. Purpose: to provide alternative metrics to convey the scale of Scotland's offshore wind potential, and to get a ministerial decision on which (if any) of the options should be taken forward.

Recommendation

**[Redacted under 10(4)d Material in the course of completion]**

3. Further advice will be provided on the approach for updating Parliament and disseminating this information, once a preferred approach has been agreed.

Context and Issues

4. The statistic relating to Scotland having 25% of Europe's offshore wind potential was initially set out in a 2010 publication and has been subsequently used in a range of SG materials and publications. The figure has also been used in some UK Government publications.
5. The figure needs to be revised, or alternative metrics of Scotland's offshore wind potential need to be explored, and it has been agreed that Parliament will be notified when this work is complete.
6. It should be noted that Scotland's enormous potential for offshore wind has not changed and Scotland remains at the forefront of the offshore wind industry in Europe. ScotWind, the world's largest floating offshore leasing round, represents a massive step forward in our transition to net zero and breaks new ground in putting large-scale floating wind technology on the map at Gigawatt scale.
7. The potential pipeline of offshore wind in Scotland is huge - subject to planning and consenting decisions and finding a route to market, we have a current reported potential pipeline (subject to change) of over 38 GW of offshore wind projects. When projects which are awaiting construction, under construction or already operational are added to this, the total potential capacity reaches over 40 GW – the equivalent to produce enough electricity annually to power every home in Scotland for 17 years or every home in the UK for over a year and a half.

8. This paper sets out several alternative metrics that can be used instead of referring to the line that “Scotland has 25% of Europe’s offshore wind potential”. Most options are subject to uncertainty and have associated caveats and we have reflected the key uncertainties in the discussion here. The options should not be seen as mutually exclusive, and it is recommended that more than one option should be selected as each metric helps to further develop and broaden the offshore wind narrative.

**[Redacted under 10(4)d Material in the course of completion]**

Sensitivities

9. Scotland’s offshore wind potential pipeline is subject to planning and consenting decisions, and finding a route to market. There is therefore a high level of uncertainty associated with both the total capacity and the timing of future deployments.
10. The precise volume of generation from offshore wind sites is uncertain, and will fluctuate year-on-year depending on the weather. The figures used in this paper however are averages/estimates taken from widely used literature and statistics, so should be broadly reflective of the potential.

Quality Assurance

11. This Submission has been approved by Andy Hogg and Kathy Johnston.

Conclusions and next Steps

**[Redacted under 10(4)d Material in the course of completion]**

12. The options selected can be drafted into a letter or note to be circulated to relevant parliamentary stakeholders, if required, outlining the new figures to be used, the rationale for using these figures, as well as the sources and any background calculations, to ensure the options are fully transparent.

**REDACTED**

OCEAEA: Energy and Heat analysis

<b>Cabinet Secretaries and Ministers Copy List</b>	<b>For Action</b>	<b>For Information Portfolio interest</b>	<b>For Information Constituency interest</b>	<b>For Information General awareness</b>
First Minister				X
Deputy First Minister				X
Cabinet Secretary for Net Zero, Energy and Transport	X			
Minister for Business, Trade, Tourism & Enterprise				X
Minister for Green Skills, Circular Economy & Biodiversity				X
Minister for Parliamentary Business		X		

<b>Officials Copy List</b>
DG Net Zero
Director for Marine Scotland
Kersti Berge
Gary Gillespie
Mike Palmer
Andy Hogg
Ragne Low
Harry Huyton
John McFarlane
Callum McCaig
Liz Lloyd
Colin McAllister
REDACTED (multiple)

**Annex 1:**

**[Redacted under 10(4)d Material in the course of completion]**

# **Document 3 – Ministerial Submission – March 2023**

First Minister

## **ALTERNATIVE METRICS TO REPRESENT SCOTLAND'S OFFSHORE WIND POTENTIAL**

1. This note provides an update on the progress made in developing alternative metrics to set out and describe Scotland's offshore wind potential. It also sets out the background, and a summary of the analytical options considered. The attached brief provides more detail.

### **BACKGROUND**

2. The metric relating to Scotland having 25% of Europe's offshore wind potential was initially set out in a 2010 publication and has subsequently been used in a range of SG materials and publications. The figure has also been used in some UK Government publications. We have acknowledged publicly that work needs to be done to provide a replacement metric and that the Scottish Parliament will be notified when that work is complete.

3. Initial work has now been completed, with additional work underway, to replace this metric.

**[Redacted under 10(4)d Material in the course of completion]**

[Redacted under 10(4)d Material in the course of completion]

ANNEX

# Document 4 – Offshore Wind Statistic Review

## OFFSHORE WIND 25% STAT REVIEW

### 25% PRESENT / NIL RESULTS LIST

Source	Present / Nil
<b>Scottish Government Published Key Documents</b>	
<i>Scotland's National Strategy for Economic Transformation, March 2022</i>	Present (2)
<i>Scottish Government Hydrogen Policy Statement, December 2020</i>	Present (1)
<i>Sectoral Marine Plan for Offshore Wind Energy: Context report, June 2018</i>	Present (1)
<i>Sectoral Marine Plan for Offshore Wind Encompassing Deep Water Options, June 2018</i>	Present (1)
<i>First Minister Speech at Scotland's energy future: All Energy Conference, May 2017</i>	Present (1)
<i>Scotland's National Marine Plan, March 2015</i>	Present (1)
<i>Scotland's Future: Your Guide to an Independent Scotland, November 2013</i>	Present (2)
<i>Scotland's Marine Atlas: Information for the National Marine Plan, March 2011</i>	Present (1)
<i>Scotland's offshore wind route map: developing Scotland's offshore wind industry to 2020, September 2010</i>	Present (2)
<b>Scottish Parliament Published Materials</b>	
<i>BiFab, the offshore wind sector and Scottish supply chain, January 2021</i>	Present (1)
<b>Scottish Government Internal Materials</b>	
<i>Mr Wheelhouse Speech: Germany Hub Mission Hydrogen Workshop, March 2021</i>	Present (1)
<b>Scottish Agencies Websites and Published Materials</b>	
Scottish Enterprise (2022,2020,2012)	Present (3)
HIE (2020)	Present (1)
SoS Enterprise	Nil
Marine Scotland (2021,2012)	Present (2)
Scottish Development International (2021,2020)	Present (2) *plus tweets* see separate Twitter section
Zero Waste Scotland (2022)	Present (1)
Skills Development Scotland	Nil
<b>Industry Bodies Websites and Published Materials</b>	
Forth and Tay Offshore	Nil



ORE Catapult	Nil
Scottish Renewables (2021)	Present (2)

## DETAIL OF PUBLICATIONS AND WEBPAGES REFERENCING 25%

### Scottish Government Externally Published Materials

Title of Publication	Page	Date of Publication	Link
<i>Scotland's National Strategy for Economic Transformation</i>	11, 23	March 2022	<a href="https://www.gov.scot/binaries/content/documents/govscot/publications/strategy-plan/2022/03/scotlands-national-strategy-economic-transformation/documents/delivering-economic-prosperity/delivering-economic-prosperity/govscot%3Adocument/delivering-economic-prosperity.pdf">https://www.gov.scot/binaries/content/documents/govscot/publications/strategy-plan/2022/03/scotlands-national-strategy-economic-transformation/documents/delivering-economic-prosperity/delivering-economic-prosperity/govscot%3Adocument/delivering-economic-prosperity.pdf</a>
<i>Scottish Government Hydrogen Policy Statement</i>	Ministerial Foreword	December 2020	<a href="https://www.gov.scot/publications/scottish-government-hydrogen-policy-statement/">https://www.gov.scot/publications/scottish-government-hydrogen-policy-statement/</a>
<i>Sectoral Marine Plan for Offshore Wind Energy: Context report</i>	4	June 2018	<a href="https://www.gov.scot/publications/sectoral-marine-plan-offshore-wind-energy-encompassing-deep-water-plan/pages/5/">https://www.gov.scot/publications/sectoral-marine-plan-offshore-wind-energy-encompassing-deep-water-plan/pages/5/</a>
<i>Sectoral Marine Plan for Offshore Wind Encompassing Deep Water Options</i>	8	June 2018	<a href="https://www.gov.scot/binaries/content/documents/govscot/publications/consultation-paper/2018/06/sectoral-marine-plan-offshore-wind-energy-encompassing-deep-water-options/documents/00536651-pdf/00536651-pdf/govscot%3Adocument/00536651.pdf">https://www.gov.scot/binaries/content/documents/govscot/publications/consultation-paper/2018/06/sectoral-marine-plan-offshore-wind-energy-encompassing-deep-water-options/documents/00536651-pdf/00536651-pdf/govscot%3Adocument/00536651.pdf</a>
<i>First Minister Speech at Scotland's energy future: All Energy Conference</i>	Para 16	May 2017	<a href="https://www.gov.scot/publications/scotlands-energy-future-fm-speech-all-energy-conference/">https://www.gov.scot/publications/scotlands-energy-future-fm-speech-all-energy-conference/</a>
<i>Scotland's National Marine Plan</i>	81	March 2015	<a href="https://www.gov.scot/binaries/content/documents/govscot/publications/strategy-plan/2015/03/scotlands-national-marine-plan/documents/00475466-pdf/00475466-pdf/govscot%3Adocument/00475466.pdf">https://www.gov.scot/binaries/content/documents/govscot/publications/strategy-plan/2015/03/scotlands-national-marine-plan/documents/00475466-pdf/00475466-pdf/govscot%3Adocument/00475466.pdf</a>

<i>Scotland's Future: Your Guide to an Independent Scotland</i>	57, 88	November 2013	<a href="https://www.gov.scot/binaries/content/documents/govscot/publications/strategy-plan/2013/11/scotlands-future/documents/scotlands-future-guide-independent-scotland/scotlands-future-guide-independent-scotland/govscot%3Adocument/00439021.pdf">https://www.gov.scot/binaries/content/documents/govscot/publications/strategy-plan/2013/11/scotlands-future/documents/scotlands-future-guide-independent-scotland/scotlands-future-guide-independent-scotland/govscot%3Adocument/00439021.pdf</a>
<i>Scotland's Marine Atlas: Information for the National Marine Plan</i>	Ch.5 "renewable energy and power cables" para 5.	March 2011	<a href="https://www.gov.scot/publications/scotlands-marine-atlas-information-national-marine-plan/pages/49/">https://www.gov.scot/publications/scotlands-marine-atlas-information-national-marine-plan/pages/49/</a>
<i>Scotland's offshore wind route map: developing Scotland's offshore wind industry to 2020</i>	Executive summary, and pg. 5	September 2010	<a href="https://www.gov.scot/publications/scotlands-offshore-wind-route-map-developing-scotlands-offshore-wind-industry/">https://www.gov.scot/publications/scotlands-offshore-wind-route-map-developing-scotlands-offshore-wind-industry/</a>

### Scottish Government Speeches where 25% stat was said

Title of Publication	Page	Date of Publication	Link
Mr Wheelhouse Speech: Germany Hub Mission Hydrogen Workshop	8	March 2021	<a href="https://www.gov.scot/publications/germany-hub-mission-hydrogen-workshop/speeches/mr-wheelhouse-speech-details-objective-ecm/scotland.gov.uk">Germany Hub - Hydrogen - Ministerial - 20210325 - Mission Hydrogen Workshop - Mr Wheelhouse speech details - Objective ECM (scotland.gov.uk)</a>
Mr Ewing Speech: Developing Scottish Infrastructure Getting Low Carbon Built In Conference		December 2015	<a href="https://erdm.scotland.gov.uk:8443/documents/A12852755/details">https://erdm.scotland.gov.uk:8443/documents/A12852755/details</a>
Cab Sec Speech (Unstated minister): 'Aberdeenshire's Future Harvest from	15	May 2013	<a href="https://erdm.scotland.gov.uk:8443/documents/A5791157/details">https://erdm.scotland.gov.uk:8443/documents/A5791157/details</a>

Land and Sea' Council Event			
First Minister Speech: offshore wind and supply chain conference in Aberdeen		February 2012	<a href="https://erdm.scotland.gov.uk:8443/documents/A2082150/details">https://erdm.scotland.gov.uk:8443/documents/A2082150/details</a>
JM Inverness Chamber lunch Speech	8	November 2010	<a href="https://erdm.scotland.gov.uk:8443/documents/C2018140/details">https://erdm.scotland.gov.uk:8443/documents/C2018140/details</a>
Ministerial Speech (Unstated minister): Scottish Renewables Conference	12	April 2010	<a href="https://erdm.scotland.gov.uk:8443/documents/C1650903/details">https://erdm.scotland.gov.uk:8443/documents/C1650903/details</a>

## Scottish Parliament Materials

Title of Publication	Page	Date of Publication	Link
<i>BiFab, the offshore wind sector and Scottish supply chain</i>	8	22 Jan 2021	<a href="https://azureedge.net">BiFab, the offshore wind sector and Scottish supply chain (azureedge.net)</a>

## Scottish Agencies Published Materials

Scottish Enterprise			
Title of Publication	Page	Date of Publication	Link
Webpage: <i>Global attention on Scotland following ScotWind announcement.</i>		Approx. January 2022 given content	<a href="https://scottish-enterprise-mediacentre.com">Global attention on Scotland following ScotWind announcement (scottish-enterprise-mediacentre.com)</a>
<i>Export opportunities beckon for green hydrogen from Scottish</i>		May 2020	<a href="https://www.rivieramm.com/news-content-hub/news-content-hub/export-opportunities-beckon-for-green-hydrogen-from-scottish-offshore-wind-59599">https://www.rivieramm.com/news-content-hub/news-content-hub/export-opportunities-beckon-for-green-hydrogen-from-scottish-offshore-wind-59599</a> Note: Riviera, citing Scottish Enterprise hydrogen specialist David Holman

<i>Offshore Wind.</i>			
<i>Submission from Scottish Enterprise to the Economy, Energy and Tourism Committee. Scottish Parliament</i>		2012	<a href="#">WRITTEN EVIDENCE FROM SE (parliament.scot)</a>
<b>Highlands and Islands Enterprise</b>			
Webpage: Scots and German renewables group to collaborate on offshore wind	7 <sup>th</sup> para	23 September 2020	<a href="#">Scots and German renewables groups to collaborate on offshore wind   HIE</a>
<b>Marine Scotland</b>			
<i>Case Study: Scotland's tidal stream resource</i>	2.1	2021	<a href="#">WRITTEN EVIDENCE FROM SE (parliament.scot)</a>
<i>Marine Scotland policy development for marine renewables and offshore wind covering marine planning and licensing.</i>	1	29 February 2012	<a href="#">Marine Scotland policy development for marine renewables and offshore wind covering marine planning and licensing - GOV.UK (www.gov.uk)</a>
<b>Scottish Development International</b>			
<i>Energy Transition Scotland Proposition</i>	4	September 2021	See the attached doc in this email: <a href="https://erdm.scotland.gov.uk:8443/documents/A38431133/details">https://erdm.scotland.gov.uk:8443/documents/A38431133/details</a>
<i>Scotland's Offshore Wind Proposition</i>	2, 4 & 10	September 2020	<a href="https://www.sdi.co.uk/media/2284/offshore-wind-scotland-proposition-september-2020.pdf">https://www.sdi.co.uk/media/2284/offshore-wind-scotland-proposition-september-2020.pdf</a>
<b>Zero Waste Scotland</b>			
(in partnership with OREC): End of life materials	9	July 2022	<a href="#">Link</a>

mapping for offshore wind in Scotland report from phase 1 of the Elmwind project.			
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## Industry Bodies Materials

Scottish Renewables			
Title of Publication	Page	Date of Publication	Link
Westminster Committee hears Scots offshore wind ambition in peril from electricity network charging issue		2021	<a href="https://www.scottishrenewables.com/news/westminster-committee-hears-scots-offshore-wind-ambition-in-peril-from-electricity-network-charging-issue">Westminster Committee hears Scots offshore wind ambition in peril from electricity network charging issue (scottishrenewables.com)</a>
Scottish Government Hydrogen Statement		2021	<a href="https://www.scottishrenewables.com/news/scottish-government-hydrogen-statement">Scottish Government Hydrogen Statement (scottishrenewables.com)</a>
Scottish Council for Development and Industry			
Manifesto for Clean Growth	23	2020	<a href="https://www.scdi.org.uk/wp-content/uploads/SCDI-Manifesto-for-Clean-Growth-2020.pdf">https://www.scdi.org.uk/wp-content/uploads/SCDI-Manifesto-for-Clean-Growth-2020.pdf</a>

## External Materials

Title of Publication	Date of Publication	Link
<i>The Economic Opportunity for Scotland from Renewable Energy &amp; Green Technology.</i> Report prepared for the SNP Westminster Parliamentary Group, Landfall Strategy Group	March 2022	<a href="https://s3-eu-west-2.amazonaws.com/www.snp.org/uploads/2022/10/The-economic-opportunity-from-renewable-energy-green-technology-REPORT.pdf">https://s3-eu-west-2.amazonaws.com/www.snp.org/uploads/2022/10/The-economic-opportunity-from-renewable-energy-green-technology-REPORT.pdf</a> <a href="https://www.thenational.scot/news/23026744.independence-can-unlock-scotlands-renewable-energy-potential-report-finds/">https://www.thenational.scot/news/23026744.independence-can-unlock-scotlands-renewable-energy-potential-report-finds/</a>

<i>Lorna Slater: Scotland should lead the world in moving away from oil and gas</i>	12 February 2022	Herald interview with Lorna Slater <a href="#">Lorna Slater: Scotland should lead the world in moving away from oil and gas   HeraldScotland</a>
<i>How investing in Scotland can help to drive a low-carbon future. Energy Monitor in Association with SDI</i>	November 2021	<a href="https://www.energymonitor.ai/tech/innovation/how-investing-in-scotland-can-help-to-drive-a-low-carbon-future">https://www.energymonitor.ai/tech/innovation/how-investing-in-scotland-can-help-to-drive-a-low-carbon-future</a>
<i>Neil Francis: Scotland's values to be highlighted through international trade and investment. Scottish Financial News</i>	March 2021	<a href="https://www.scottishfinancialnews.com/articles/neil-francis-scotland-s-values-to-be-highlighted-through-international-trade-and-investment">https://www.scottishfinancialnews.com/articles/neil-francis-scotland-s-values-to-be-highlighted-through-international-trade-and-investment</a>
<i>Business for Scotland: New figures show how Scotland is leading the renewable energy revolution</i>	2019	<a href="#">New figures show Scotland is leading the renewable energy revolution – Business for Scotland</a>
<i>Climate X Change Report: The Impact of Wind Farms on Scottish Tourism</i>	September 2012	<a href="#">The Impact of Wind Farms on Scottish Tourism (climatexchange.org.uk)</a> Note: commissioned by SG
<i>Website: WWF Scotland. Our Climate Work in Scotland.</i>	No Date	<a href="https://www.wwf.org.uk/what-we-do/projects/learn-about-our-climate-work-scotland">https://www.wwf.org.uk/what-we-do/projects/learn-about-our-climate-work-scotland</a>
<i>Website: Wikipedia. Renewable Energy in Scotland.</i>	No Date	<a href="#">Renewable energy in Scotland - Wikipedia</a>

## **OTHER STATS ISSUES**

**HIE/SE Offshore Wind website**

[Scottish offshore wind projects | HIE \(offshorewindscotland.org.uk\)](#)

“All of these projects, provided the Berwick Bank development project achieves its planning consent, will be operational before 2030 and will contribute 10.2GW towards our overall delivery of more than 40GW by 2035.”

[Offshore Wind Scotland | Portal site | HIE](#)

“All of the above puts Scotland in the top ten of global offshore wind markets with up to 42GW deliverable before 2035.”

**TWEETS REFERENCING 25%****Ministerial Twitter Accounts referencing 25%**

<b>Nicola Sturgeon FM - <a href="#">@NicolaSturgeon</a></b>	
NIL RETURN	
<b>Michael Matheson MSP Cabinet Secretary for Net Zero, Energy and Transport - <a href="#">@MathesonMichael</a></b>	
5 August 2021	<a href="#">Michael Matheson MSP on Twitter: "Scotland has 60% of UK's offshore wind capacity and 25% of Europes wind resource. Meanwhile UK governments transmission charges in Scotland are the highest in Europe. This holds back investment in renewable energy and potential for new green jobs. https://t.co/MHLF6a4BGd" / Twitter</a>
<b>John Swinney MSP Deputy First Minister and Cabinet Secretary for Covid Recovery - <a href="#">@JohnSwinney</a></b>	
NIL RETURN	
<b>Shirley-Anne Somerville MSP Cabinet Secretary for Education and Skills - <a href="#">@S A Somerville</a></b>	
NIL RETURN	
<b>Kate Forbes MSP Cabinet Secretary for Finance and the Economy - <a href="#">@ KateForbes</a></b>	
NIL RETURN	
<b>Mairi Gougeon MSP Cabinet Secretary for Rural Affairs and Islands - <a href="#">@MairiGougeon</a></b>	
NIL RETURN	
<b>Angus Robertson MSP Cabinet Secretary for the Constitution, External Affairs and Culture - <a href="#">@AngusRobertson</a></b>	
8 June 2022	<a href="#">One key point that arose from my trip to Brussels was the huge interest in Scotland's renewable and hydrogen supplies. With a quarter of Europe's renewable potential, countries far and wide hope to partner with Scotland to bolster their energy mix.</a>
<b>George Adam MSP Minister for Parliamentary Business - <a href="#">@GeorgeAdam</a></b>	
NIL RETURN	



<b>Richard Lochhead MSP Minister for Just Transition, Employment and Fair Work - <a href="#">@RichardLochhead</a></b>	
NIL RETURN	
<b>Ivan McKee MSP Minister for Business, Trade, Tourism and Enterprise - <a href="#">@Ivan McKee</a></b>	
NIL RETURN	
<b>Tom Arthur MSP Minister for Public Finance, Planning and Community Wealth - <a href="#">@ThomasCArthur</a></b>	
NIL RETURN	
<b>Mairi McAllan MSP Minister for Environment and Land Reform - <a href="#">@MairiMcAllan</a></b>	
NIL RETURN	
<b>Jenny Gilruth MSP Minister for Transport - <a href="#">@JennyGilruth</a></b>	
NIL RETURN	
<b>Neil Gray MSP Minister for Culture, Europe and International Development and Minister with special responsibility for Refugees from Ukraine - <a href="#">@neilgraysnp</a></b>	
NIL RETURN	
<b>Patrick Harvie MSP Minister for Zero Carbon Buildings, Active Travel and Tenants' Rights - <a href="#">@patrickharvie</a></b>	
NIL RETURN	
<b>Lorna Slater MSP Minister for Green Skills, Circular Economy and Biodiversity - <a href="#">@lornaslater</a></b>	
22 August 2020	<a href="#">(1) Lorna Slater on Twitter: "@George McKinlay @illystor Oil and gas is 7% of Scotland's economy. We have 25% of all the renewable energy in Europe, most of it undeveloped. We need a just transition away from fossil fuels. We can provide our own energy needs from sustainable sources and export. I have never suggested anything else." / Twitter</a>
15 February 2021	<a href="#">(1) Lorna Slater on Twitter: "Scotland has 25% of all the renewable resources in Europe. Key word: renewable i.e. can't run out. The 'glorious union' has failed to invest fully in these so they are there for an independent #Scotland to develop. The lights will stay on." / Twitter</a>

### Scottish Government Twitter Accounts referencing 25% (1/1/2020 – 18/11/2022)

<b>Scottish Government General - <a href="#">@scotgov</a></b>	
NIL RETURN	
<b>Scottish Parliament - <a href="#">@ScotParl</a></b>	
NIL RETURN	
<b>Scottish Government Energy - <a href="#">@ScotGovEnergy</a></b>	
NIL RETURN	
<b>Scottish Government Marine Energy - <a href="#">@ScotGovMarine</a></b>	

NIL RETURN
<b>Scottish Government Net Zero - <a href="#">@ScotGovNetZero</a></b>
NIL RETURN
<b>Scottish Government Finance and Economy - <a href="#">@scotgoveconomy</a></b>
NIL RETURN
<b>Scottish Procurement and Property - <a href="#">@ScotProcurement</a></b>
NIL RETURN
<b>Scottish Government Marketing Campaigns - <a href="#">@ScoGovMarketing</a></b>
NIL RETURN
<b>Scottish Government Europe - <a href="#">@ScotGovEurope</a></b>
NIL RETURN
<b>Scottish Government External Affairs - <a href="#">@ScotGovInter</a></b>
NIL RETURN
<b>Scottish Government Office of the Chief Economic Adviser - <a href="#">@scotgovocea</a></b>
NIL RETURN
<b>Scottish Government Rural Affairs - <a href="#">@ScotGovRural</a></b>
NIL RETURN

### Scottish Government Agency Twitter Accounts referencing 25%

<b>Scottish Government Employability Network - <a href="#">@EmployinScot</a></b>
Nil Return
<b>National Manufacturing Institute Scotland - <a href="#">@NMIS_group</a></b>
NIL RETURN
<b>Crown Estate Scotland - <a href="#">@CrownEstateScot</a></b>
NIL RETURN
<b>NatureScot - <a href="#">@nature_scot</a></b>
NIL RETURN
<b>Scottish Enterprise - <a href="#">@scotent</a></b>
NIL RETURN
<b>South of Scotland Enterprise - <a href="#">@SoSEnterprise</a></b>
NIL RETURN
<b>Highlands and Islands Enterprise - <a href="#">@HIEScotland</a></b>

NIL RETURN	
<b>Scottish Development International - @ScotDevInt</b>	
15 June 2021	<p><a href="#">Celebrating wind power on #GlobalWindDay With 25% of Europe's entire offshore wind and tidal resource, Scotland is the place for world firsts. Find out more <a href="http://ow.ly/vMqo50EZaOH">http://ow.ly/vMqo50EZaOH</a> #ScotlandIsNow #Renewables</a></p> <p>Retweeted by: Scottish Government Brussels, John Semple SDI, Graham Glover DIT,</p>
1 March 2021	<p><a href="#">Think of a country with the power to change the world. Think 25% of Europe's offshore wind and tidal resources. Think Scotland #ScotlandIsNow #ClimateAction</a></p> <p>Retweeted by: Ben Macpherson MSP , Paul Wheelhouse , Scotland Is Now</p>
23 June 2020	<p><a href="#">Did you know that Scotland has 25% of Europe's offshore wind and tidal resource?</a>  <a href="#">So it's no wonder that our offshore wind farm sites are in demand from international companies #ScotlandIsNow #RenewableEnergy #OffshoreWind</a></p> <p>Retweeted by: Scotland Is Now</p>
30 November 2020	<p>Scotland is where you will find a quarter of Europe's offshore wind, a renowned engineering heritage, a flair for invention and a passion for research. Find out more about our powerful offshore wind opportunity <a href="http://ow.ly/V3Xn50CwFgF">http://ow.ly/V3Xn50CwFgF</a> #ScotlandIsNow #OffshoreWind</p> <p>Retweeted by: Richard Hyde, British Consul General: Texas, Arkansas, Louisiana, New Mexico and Oklahoma.</p>
23 November 2020	<p><a href="#">We've got the power! Scotland has 25% of Europe's offshore wind and tidal resource and over 60% of the UK's onshore wind capacity</a></p>
<b>Zero Waste Scotland - @ZeroWasteScot</b>	
NIL RETURN	
<b>Transport Scotland - @transcotland</b>	
NIL RETURN	
<b>Scottish Futures Trust - @SFT_Scotland</b>	
NIL RETURN	
<b>Skills Development Scotland - @skillsdevscot</b>	
NIL RETURN	
<b>Scottish Environment Protection Agency - @ScottishEPA</b>	
NIL RETURN	
<b>VisitScotland - @VisitScotland</b>	
NIL RETURN	
<b>Caledonian Maritime Assets Ltd - @CMAssets</b>	
NIL RETURN	

### List of accounts for Twitter advanced search

@NicolaSturgeon, @MathesonMichael, @JohnSwinney, @S\_A\_Somerville, @\_KateForbes, @MairiGougeon, @AngusRobertson, @GeorgeAdam, @RichardLochhead, @Ivan\_McKee, @ThomasCArthur, @MairiMcAllan, @JennyGilruth, @neilgraysnp, @patrickharvie, @Iornaslater, @scotgov, @ScotGovEnergy, @ScotGovMarine, @ScotGovNetZero, @scotgoveconomy, @ScotProcurement, @ScotGovMarketing, @ScotGovEurope, @ScotGovInter, @scotgovocea, @ScotGovRural, @EmployinScot, @NMIS\_group, @CrownEstateScot, @nature\_scot, @SoSEnterprise, @scotent, @HIEScotland, @ScotDevInt, @ZeroWasteScot, @ScotParl, @skillsdevscot, @SFT\_Scotland, @transcotland, @ScottishEPA, @VisitScotland, @CMAAssets

### Search Log

Searched all of above account for the following between 1.1.2020 – 21.11.22

These exact phrases:

- Scotland has 25% of all the renewable resources in Europe.
- 25% of renewable energy in Europe
- 25% of Europes wind resource

These words together:

- 25% & wind & Scotland
- 25% & wind & Europe
- 25% & renewable resources
- Quarter & wind & Scotland
- Quarter & renewable resources