

# SSEN Transmission

## Draft Annual Engagement Plan 2021/2

Virtual Workshop

# Agenda

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- 14.00 Welcome
- 14.05 A Network for Net Zero
- 14.15 Our Draft Annual Engagement Plan
  
- 14.30 Breakout session 1
  
  
- 15.05 Breakout session 2
  
  
- 15.35 Group Discussion
- 15.55 Q&A
- 16.15 How to get involved and ways to make contact
- 16.20 Close

## Breakout session 1

- Sustainability Review
- Connection Customer Engagement
- Communities and End Consumer Engagement
- Procurement Engagement

## Breakout session 2

- Large Onshore Transmission Investment (LOTI)
- Net Zero Advocacy
- North of Scotland Future Energy Scenarios

# Slido – send us your questions

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To make today's session as interactive as possible we will be using Slido. Please use your smartphone, laptop or desktop and follow the instructions below:

Go to: [www.slido.com](https://www.slido.com)



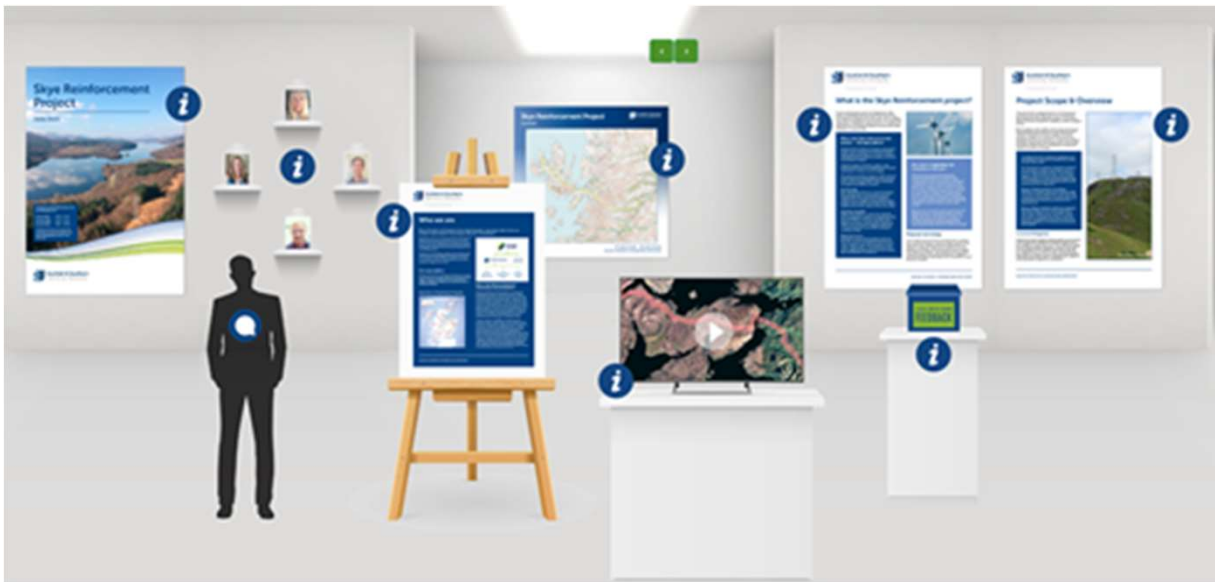
## Access code #AEP1

You can use Slido to ask us questions or make comments/suggestions throughout the workshop.

We will try and answer as many questions as we can in our Q&A session starting at 15.55.

# Safety Moment

COVID-19 Restrictions: Scotland follows a COVID-19 levels system (0-4). Each Level has a different set of rules on what you can and cannot do.



## Remember **FACTS** for a safer Scotland

- F** Face coverings 
- A** Avoid crowded places 
- C** Clean your hands regularly 
- T** Two metre distance 
- S** Self isolate and book a test if you have symptoms 

[nhsinform.scot/coronavirus](https://nhsinform.scot/coronavirus)  
#WeAreScotland



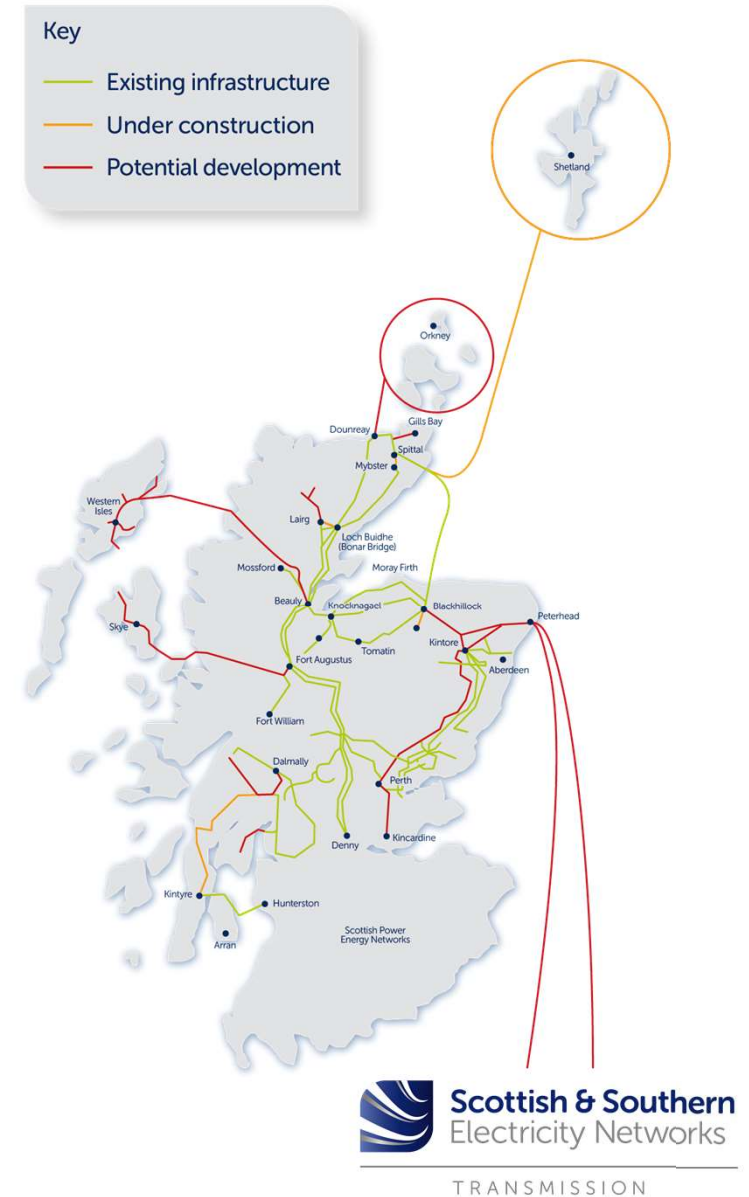
# A Network for Net Zero

## Christianna Logan

Director of Customers and Stakeholders  
SSEN Transmission

# Who we are – SSEN Transmission

- SSEN Transmission - the trading name for Scottish Hydro Electric Transmission
- Part of SSE plc group
- Own and operate the electricity transmission network in the North of Scotland
- Maintaining and investing in the 132kV, 220kV, 275kV and 400kV electricity transmission network



# A Network for Net Zero – Our 5 Year Business Plan

## Ambitious and Stakeholder-led Business Plan

- Five Clear Goals
- Delivers a pathway to net zero & greenhouse gas emissions reduction targets

## Approved by our Regulator Ofgem

- £2.1bn total expenditure agreed over the next 5 years
- All expenditure has a need which can be demonstrated now

## Dealing with Uncertainty

- Mechanism for increasing expenditure when the need becomes more certain
- Our Likely Outturn Assessment estimates this at +£1.2bn over the price control period



# Our Business Plan has 5 clear goals

## This RIIO-T2 Business Plan has **Five Clear Goals**



Transport the renewable electricity that powers 10 million homes



Aim for 100% transmission network reliability for homes and businesses



Every connection delivered on time



One third reduction in our greenhouse gas emissions



£100 million in efficiency savings from innovation

## In delivering these Goals, we will:



Protect consumers from uncertainty



Involve our customers and stakeholders



Be open and transparent

## We forecast this will cost:



Total expenditure of between £470 million and £750 million each year



Around £7 for the average GB household each year

## WE'VE HAD OUR SCIENCE-BASED TARGET APPROVED





# Our Draft Annual Engagement Plan

**Wendy MacIntyre**

Head of Stakeholder Engagement  
SSEN Transmission

# Annual Engagement Plan Consultation – Our Forward Plan

1

**Net Zero**

2

**Supporting Customers, Communities and Consumers**

3

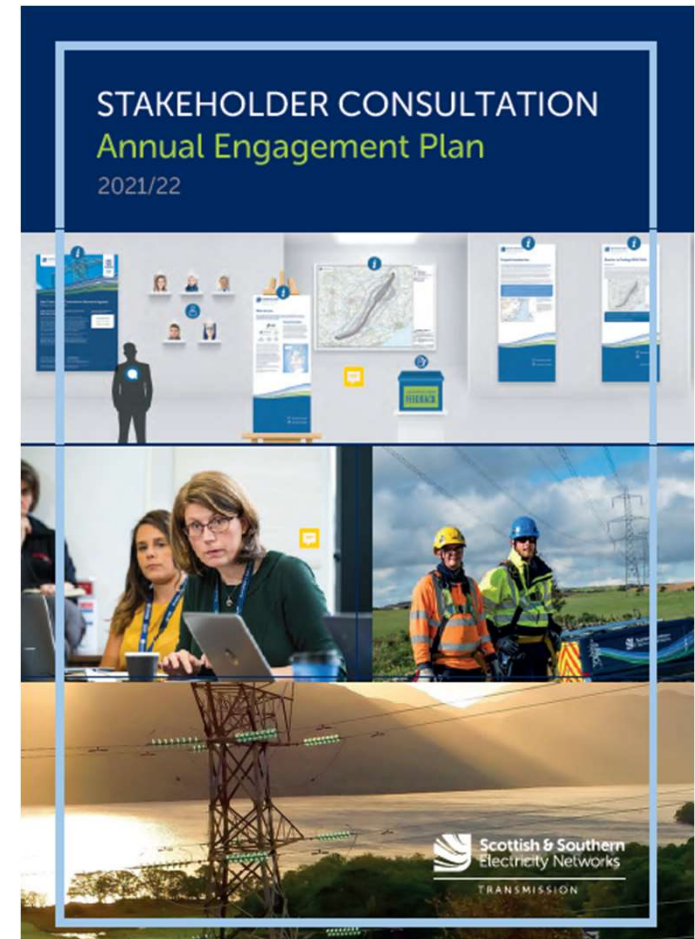
**Co-Creating World-Class Asset Management**

4

**Sharing Best Practice for Positive Change**

5

**Large Onshore Transmission Investment (LOTI)**



- Consultation until 25 July
- Virtual Workshop on 15 July
- Short questionnaire on our website

# 16 Engagement Initiatives across our 5 Themes (i)

## Net Zero

1. Net Zero Advocacy
2. Offshore Wind
3. Industry Structure Reform
4. North of Scotland Future Energy Scenarios

## Supporting Customers, Communities and Consumers

5. Connection Customer Engagement
6. Transmission Network Use of System (TNUoS) and Charging
7. Communities Engagement
8. Procurement Engagement
9. End Consumer engagement



# 16 Engagement Initiatives across our 5 Themes (ii)

## Sharing Best Practice for Positive Change

- 10. Sustainability Strategy Review
- 11. Interrupting and Insulation Gas (SF6)
- 12. Local Area Energy Planning

*World's First 400kV Green Gas for Grid (G3) Substation - Kintore*



*Skye & Harris Wildfires*



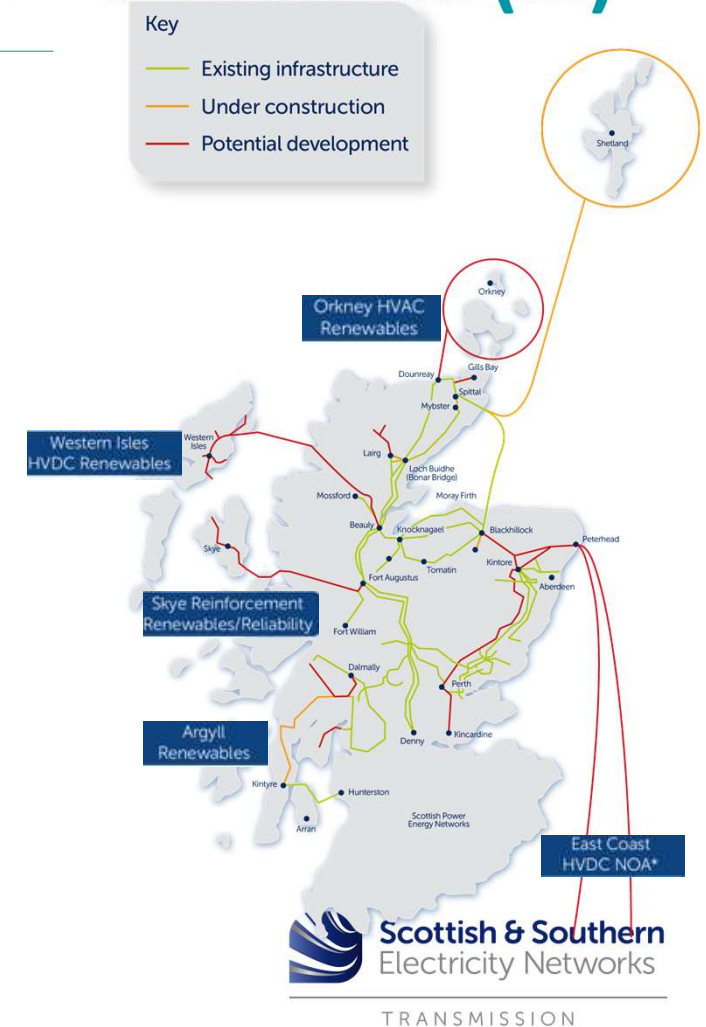
## Co-creating World Class Asset Management

- 13. Asset Management
- 14. Data and Digitalisation
- 15. Wildfires

# 16 Engagement Initiatives across our 5 Themes (iii)

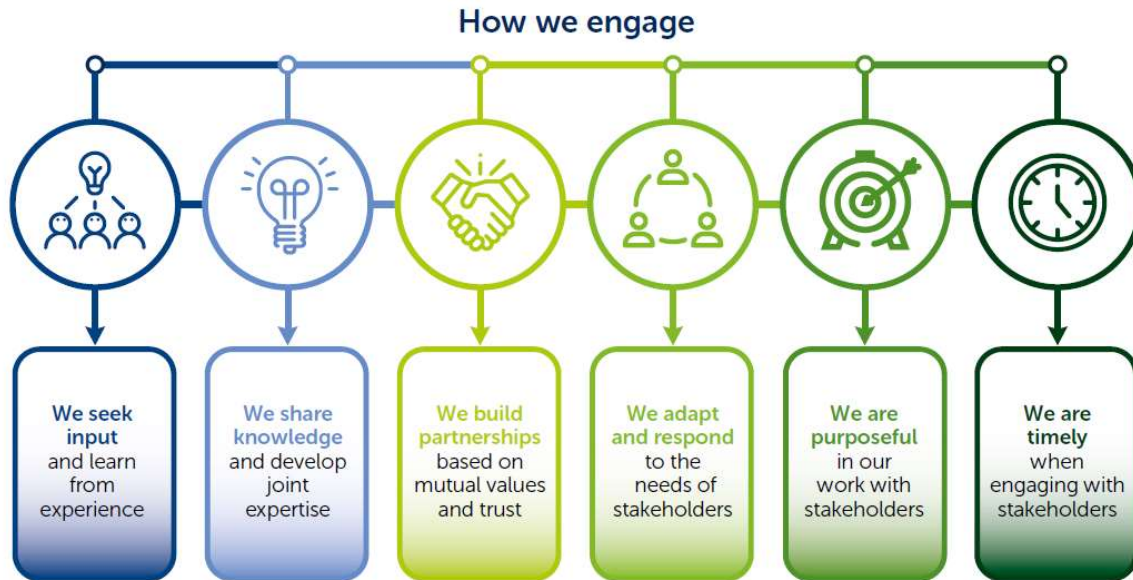
## Large Onshore Transmission (LOTI) Projects

16. Needs Cases	Expected Submission Dates
East Coast HVDC Subsea Link	Final Needs Case late 2021
Skye Reinforcement	Initial Needs Case Summer 2021
Argyll & Kintyre 275kV Strategy Upgrade	Initial Needs Case Autumn 2021
Western Isle Subsea Link	Requires sufficient developer commitment to progress
Orkney Subsea Link	Requires sufficient developer commitment to progress



# Continuously Improving our Stakeholder Engagement

- AA1000 Stakeholder Engagement Health Check score increased to 73% for 20/21 up 11%



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# Breakout Sessions

# Breakout sessions

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- Groups are already assigned
- Our Subject Matter Experts will give a brief introduction at the start of each session
- Facilitators will ask questions to get discussion going
- We want to hear your views first hand
- Facilitators will give a quick report back to the main group at the end of each session
- Remember SLIDO is also still open for you to send any additional questions or suggestions

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# Welcome Back

## Breakout session 1

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# Welcome Back

# Group discussion

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1. How can we best share our information on stakeholder engagement with you?  
E.g. Email, Newsletters, Social Media, Website, Video
2. What engagement methods do you wish us to use, as we move out of the pandemic?  
Please state your preference for online virtual engagement, emails, bilateral calls, or face to face meetings; or whether mixture of all these methods suits you best.
3. How can we make our engagement materials and information more accessible to our stakeholders?
4. Please tell us any suggestions you have for collaboration and partnership working that we have not mentioned in our draft Annual Engagement Plan


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How can we best share our information on stakeholder engagement with you?

 Start presenting to display the poll results on this slide.

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 Start presenting to display the poll results on this slide.

# Group discussion

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# Slido Q&A

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## Audience Q&A Session

① Start presenting to display the audience questions on this slide.



# Upcoming engagement opportunities

Key Dates	Opportunity	Stakeholder Initiative / Project
25 July 2021 (consultation close date)	Consultation - feedback form	2021/22 Draft Stakeholder Annual Engagement Plan
By end July	Discussion Paper Published	Early Competition in Transmission Networks
Summer 2021	Short Film	TNUoS Stakeholder Video
Summer 2021	Discussion Paper Published	TNUoS Offshore Wind Addendum Paper
29 <sup>th</sup> July 2021	Live Instant Messaging Session	Argyll 275kV Strategy
13 <sup>th</sup> August 2021 (consultation close date)	Consultation (feedback form)	Argyll 275kv Strategy
26 <sup>th</sup> August 2021	Live Instant Messaging Session	Eastern HVDC project
August 2021 (exact dates TBC)	Consultation	Dunoon Overhead Line Rebuild
August/September 2021 (exact dates TBC)	Consultation	Beinn Tharsuinn Wind Farm Extension
By mid September 2021	Feedback Paper Published	Annual Engagement Plan Consultation
September 2021 (exact dates TBC)	Consultation	Elchies Windfarm Connection
September 2021 (exact dates TBC)	Consultation	Harris - Stornoway OHL
September/October 2021 (exact dates TBC)	Consultation	Skye Reinforcement Project
September and November 2021 (exact dates THC)	Consultation	Shetland Renewable Connections
October 2021 (exact dates TBC)	Consultation	Strathy South Customer Connection

# Staying in Touch

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- **Thank you** for your time today

- If there are any questions we have not answered today, we will ensure these are covered in our consultation feedback report
- This report will be published in the coming weeks (by September) on our website and all attendees will be emailed a link to read it
- We will be using your feedback to finalise our Annual Engagement Plan. This too will be published on our website and we will send you the link
- If there is anything we have not covered today, or any further questions or comments you may have, you can get in touch with us. Either email us with your comments, or we can phone you back and speak to you in person.

Our email address is [Transmission.Stakeholder.Engagement@sse.com](mailto:Transmission.Stakeholder.Engagement@sse.com)

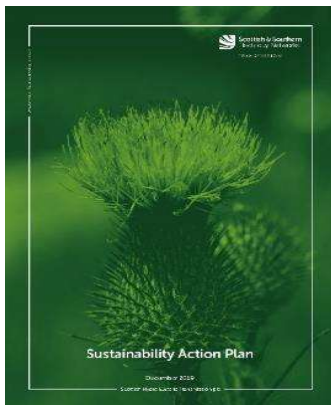
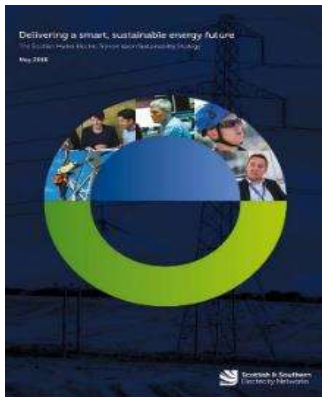


# Sustainability Strategy Review Engagement



## Leadership in Sustainability

Trusting partners of customers and communities, realising long-term benefit for society, economy and environment



## Aim

- To review and refresh our sustainability strategy in advance of COP26 to ensure it continues to be fit for purpose for our Net Zero ambitions.

## Why

- It has been 3 years since we published our Stakeholder-led Sustainability Strategy.
- Sustainability is a fast-moving field - we need to continual learning from best practice within our sector and beyond.
- Stakeholders expect us to deliver a network for net-zero in a responsible and just way.

## How



Horizon scanning of emerging trends



Independent best-practice analysis



Stakeholder engagement: targeted workshops, bilateral meetings & open consultation

# Sustainability Strategy Review Engagement

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## Questions for attendees :

1. What consultation would you expect us to undertake before finalising any new features of our refreshed sustainability strategy?
2. We're currently participating in a sustainability principles project with Sustainability First (think tank), where else should we be seeking input on the future of sustainability?
3. What do you see as the main priorities in the sustainability space in the coming decade?
4. What tools are you aware of or using to value sustainability (social, environmental, economic)?

# Connection Customer & TNUoS Engagement

- TNUoS, ScotWind and Competition in Transmission advocacy
- Updated charging statement
- Review of services provided to connected customers.
- New “Renew” service for customers whose connection needs are changing
- Quality of Connections Survey.



# Connection Customer & TNUoS Engagement

1. Where would you go to get information on customer connections services, charges and policy updates? Do you find accessing this information easy?
2. We are updating our charging statement and are considering producing a more accessible guide for customers. What would help you to understand this better?
3. Have you been involved in the TNUoS engagements so far? How did you find it? What else can we do to advocate for TNUoS reform?



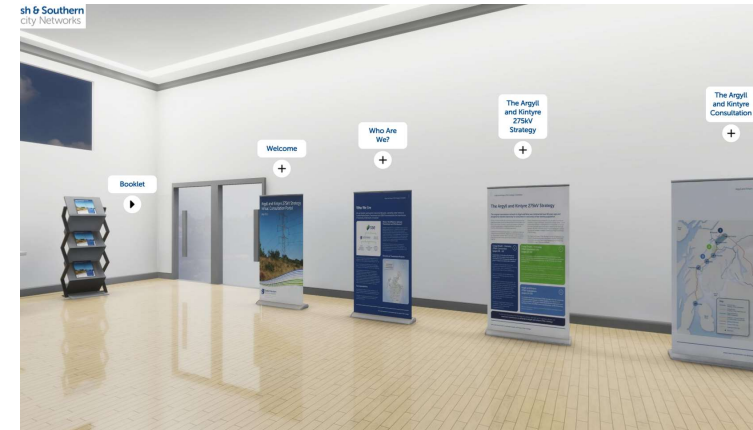
# Community and End Consumer Engagement

## Transmission Projects in Development & Construction

- Over 70 projects in construction and development, which we continue to engage on over the coming year. This engagement is primarily led by our Communities, Environmental and Land Teams with a focus on engagement with local communities, statutory consultees, landowners and local authorities
- Public Consultation events; anticipated that in the next year at least 15 projects will host multiple virtual or face to face public consultation events, with that number likely to increase as the year goes on
- For projects in construction, Communities Team facilitate and support the work of Community Liaison Groups, delivering our commitment to local stakeholders and providing a platform for meaningful engagement between ourselves and nominated local community members. We expect to see an increase in CLGs as more projects enter construction
- Stakeholders in North East Scotland and Argyll & Bute asked us to engage on total development planned for the region, not just one project at a time. This is to help them better understand the reasons for the scale of work, how this helps deliver the UK and Scotland's net zero targets and how they can help shape our plans. We will continue to use this approach, with similar events planned for each region over the next year

## Engagement with end consumers

- We will continue to roll out vulnerability training, ensuring staff are fully aware of issues faced by vulnerable consumers, and the importance of initiatives such as the Priority Service Register. We will take steps to revitalise our partnership with Home Energy Scotland and add guidelines for engaging with end consumers in our Stakeholder Engagement Plans. As part of our commitment to a Just Transition, our definition of vulnerable consumers will expand to include vulnerable consumers in the Just Transition to net zero and in a crisis (including during the pandemic).
- We continue to understand the benefits of collaborating with consumer representative bodies and their greater reach and understanding of consumer advocacy. We continue our discussions with relevant organisations and the possibility of joint initiatives.





# Community and End Consumer Engagement

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## Questions for attendees:

1. As we return to face to face public consultation events, we also intend to supplement these with continuing to offer virtual engagement. Do you believe there is value to this and if so, to what extent?
2. With a growing portfolio of development and construction projects in certain regions, what more can be done to keep local communities engaged and informed?
3. Where there are opportunities to amalgamate community engagement activities, should these be embraced? Does this dilute the effectiveness of engagement or assist in combating stakeholder fatigue?
4. Over and above the activities listed within our plan, are there additional ways in which you believe we can effectively engage with end consumers?

# Procurement and Commercial Engagement

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## Meet the Buyer Events

- The Local Supply Chain is key to the delivery of the SSEN Transmission RIIO T2 Sustainability Action Plan. A key aspect of this goal is to focus on delivering our 'Meet the Buyer' initiative which allows us to promote opportunities and engage with the local economy
- This is included in as a KPI in all our T2 Frameworks
- Traditionally these were held on an ad hoc way
- It is the responsibility of Procurement and Commercial, PMs and the Contractors to instigate and engage in MTB events
- Projects above £20M - always hold MTB Events either via Teams or Face to Face ( Standard Template Agreed)
  - Invite local suppliers to discuss opportunities
  - Advertised via SSEN T Website and Social Media (Twitter)
- Projects below £20M - always produce standard poster information ( Template being finalised)
  - Post local to project ( community boards, local shops)
  - Advertised via SSEN T Website and Social Media (Twitter)
- To Do
  - Schedule events.

# Procurement & Commercial Engagement

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## Questions for Attendees:

1. Meet the Buyer events are how we plan to engage with the local supply chain; how can we ensure that these events are effective?
2. What other ways can we encourage local supply chain participation over and above MTB?
3. Would existing Tier 1 contractors benefit from quarterly non project specific engagement to help understanding of the Transmission industry landscape?
4. Are there any other types of engagement you would be keen to explore?

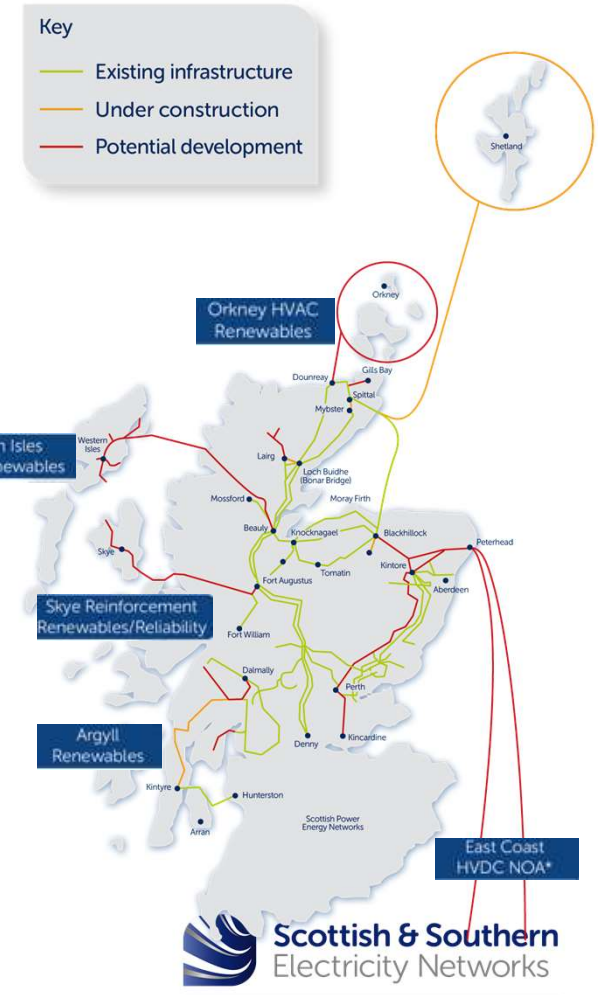
# RIIO-T2 LOTI Project Overview Engagement

## Large Onshore Transmission (LOTI) Projects

	RIIO-T2						RIIO-T3					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
<i>LOTI projects</i>												
<b>PROJECTS UNDER DEVELOPMENT</b>												
Skye		Submit INC		Actual delivery programme ★								
Argyll 275kV		Submit INC		Indicative programme for delivery ★								
Eastern HVDC		Submit FNC		Actual delivery programme			★		★			
Western Isles		Submit revised FNC		Actual delivery programme			★					
<b>LIKELY SIGNIFICANT DEVELOPMENT</b>												
East Coast 132kV		Submit INC		Indicative programme for delivery ★								
Beaulieu-Denny 400kV				Submit INC			Indicative programme for delivery ★					
West of Orkney				Submit INC			Indicative programme for delivery ★					
Beaulieu - Loch Bhuide 275kV				Submit INC			Indicative programme for delivery ★					
Beaulieu-Blackhillock 400kV					Submit INC		Indicative programme for delivery ★					
2nd Eastern HVDC						Submit INC	Indicative programme for delivery ★					
Blackhillock -Peterhead 400kV						Submit INC	Indicative programme for delivery ★					

Stakeholder Engagement is essential, Each Needs Case is unique

- Evidencing need
- Stakeholder support
- Stakeholder input into our solution development
- Stakeholder led



**Scottish & Southern**  
Electricity Networks

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# Large Onshore Transmission Investment (LOTI)

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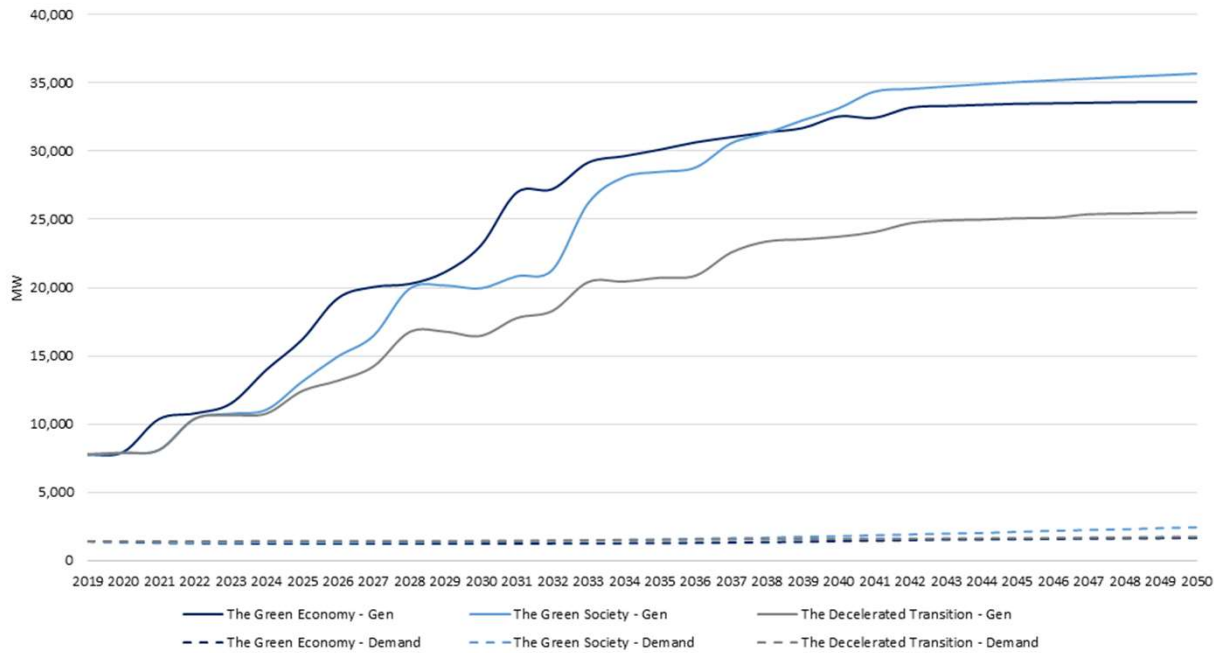
## Questions for Attendees

1. Should we be doing more to help stakeholders understand the requirements of net zero (including regulatory approvals)? Do you have any suggestions or best practice examples to share?
2. What further engagement could we do to understand future network requirements across our regions? So far we've used seminars and questionnaires with developers to inform the Needs Cases.
3. What is the optimal timeframe or stage of development to start engaging with wider stakeholder engagement on LOTI projects? Do you believe different stakeholders should be consulted at different development stages?
4. Achieving consensus decision making is our optimal objective. Where there are conflicting stakeholder views in relation to our proposals, do you believe bringing different stakeholder groups together to openly discuss conflicting views would be beneficial?

# Net Zero Advocacy

## Delivering a pathway to net zero

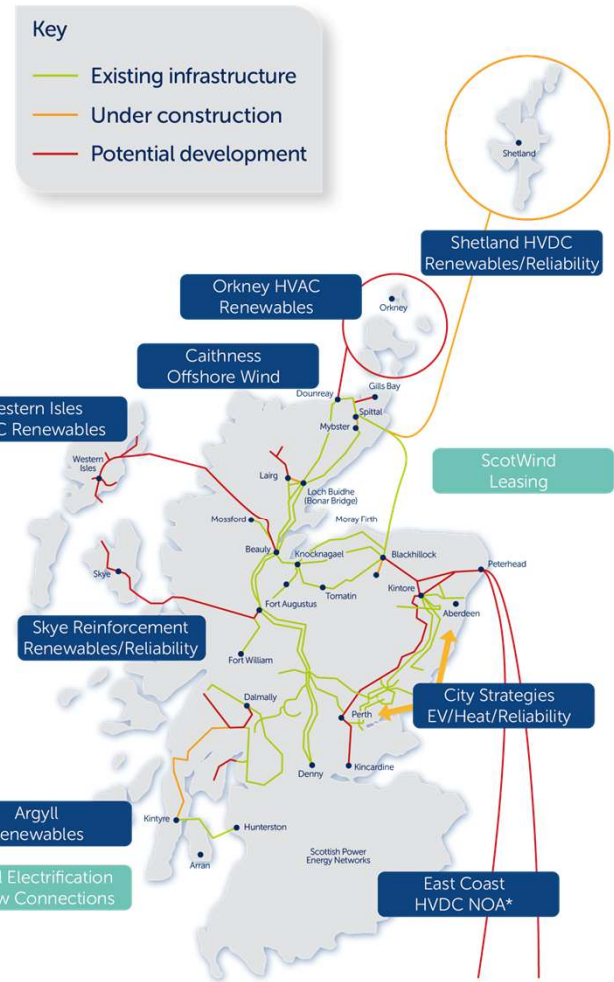
Generation and Peak Demand (MW) in the north of Scotland for the three Electricity System Operator (ESO) Future Energy Scenarios (FES) net zero pathways



[www.ssen-transmission.co.uk/information-centre/industry-and-regulation/future-energy-scenarios/](http://www.ssen-transmission.co.uk/information-centre/industry-and-regulation/future-energy-scenarios/)  
Includes thermal & distributed generation



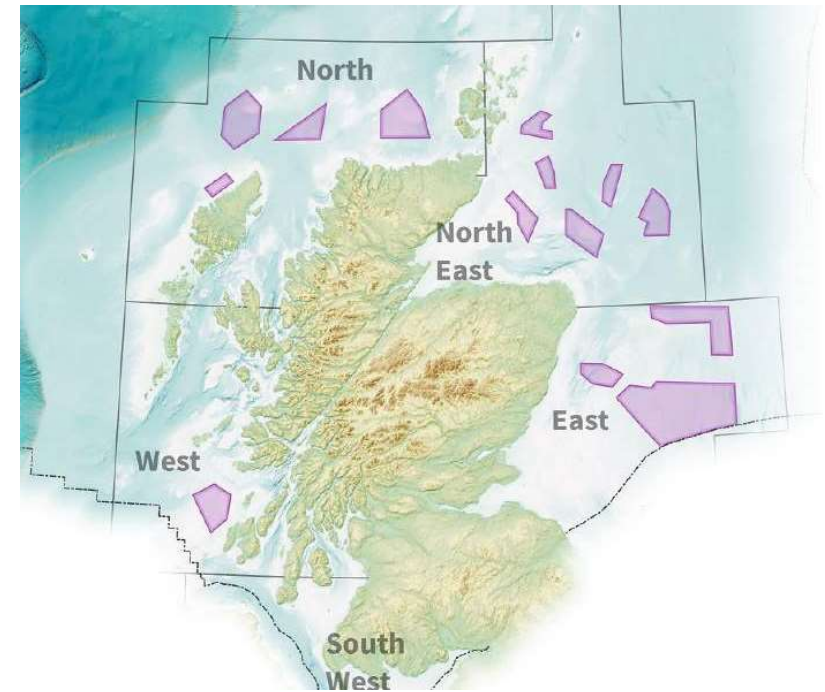
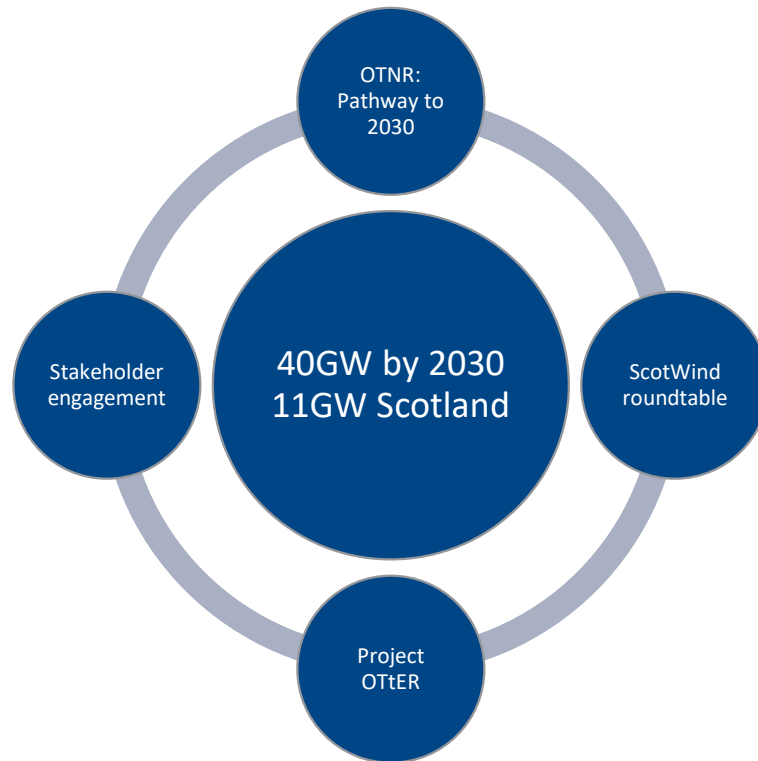
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# Offshore Wind Engagement

Supporting a Co-ordinated Approach to Delivering ScotWind Targets



UK and Scottish Governments target - 40GW of offshore wind connected in the UK by 2030, 11GW target for Scotland

# Net Zero Engagement - including Co-ordinated Approach to Offshore Wind

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## Questions for Attendees

Our Net Zero Advocacy currently includes our involvement in the SSE Group sponsorship of this year's COP26, encouraging domestic and international action; connecting ScotWind to support 2030 targets; advancing other critical national infrastructure projects to support net zero delivery; and influencing the development of national and developed policies.

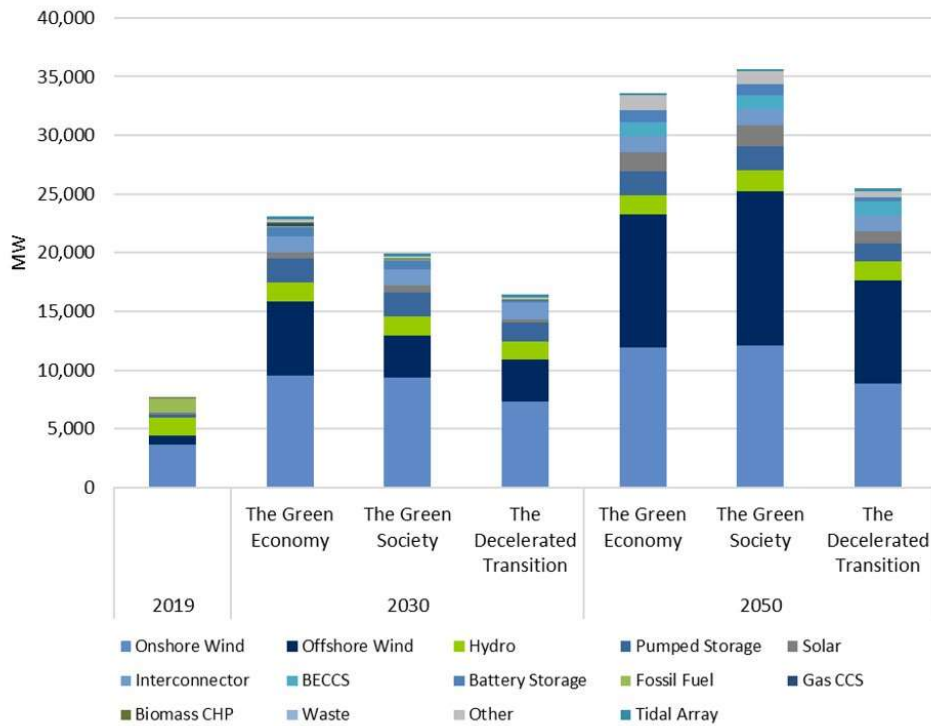
1. Do you agree these are the right areas for us to focus on?
2. Are there any other stakeholder engagement you think SSEN Transmission should be supporting to help progress Net Zero?
3. How would you like to engage with us as part of our Net Zero advocacy work?
4. What role, if any, should we play in encouraging wider climate change action across society, for example through our supply chain, community engagement etc?



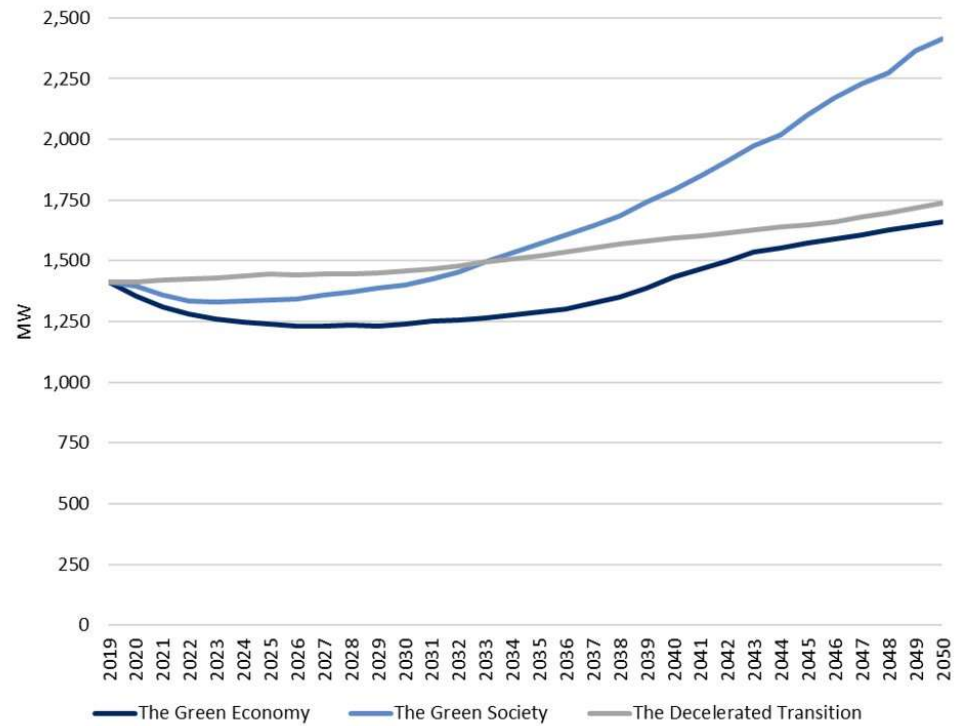
# North of Scotland Future Energy Scenarios

## A Net Zero Future

Installed generation capacity by technology



Total electricity demand at Winter Peak



# What is next for our localised scenarios

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We are engaging with stakeholders and the ESO regarding hydrogen development in our network area

- There are two areas where further analysis will be required to identify the potential impact on the electricity network in the north of Scotland;
- Hydrogen
- Electrification of rail
- We will be carrying out research during 2021 in order to give us the required inputs to model the impact of hydrogen production and the electrification of the rail on our network
- Hydrogen stakeholder engagement has begun with further engagement set to take place later in the year

# North of Scotland Future Energy Scenarios (FES)

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## Questions for Attendees:

1. Our scenario analysis has carried out an assessment on the impact of hydrogen, what is the best way to communicate our findings to stakeholders and allow you to provide feedback?
2. What additional topic areas do you think we should add to our analysis this year if any?
3. We're engaging with Transport Scotland and Network Rail re electrification of rail. Are there other stakeholders we should be involving in these discussions?
4. We currently publish a scenarios report. What is the best way for us to communicate our scenario findings to stakeholders?