

Be informed **Stay informed**

On Wind Farms & Large Scale Infrastructure Projects
(including the forthcoming Lynemore Wind Farm)

+

Community Engagement / Community Response

28 Apr 25

Introduction

.This presentation intended to **increase** community-wide awareness of:

- Global, national & regional context behind these projects
- Planning (and Development) System
- Relevance of **Lynemore Wind Farm** & Offshore Wind Farm Technology
- Role of Strathnairn Community Council & NGOs & other community bodies
- Why it's in your individual & collective interest to **be informed & stay informed**
- How you play your part, where you can inform process & why you should

Why engage / attend tonight's meeting?

- **To be and stay better informed** - as both an individual and a community - learning about several important and timely matters which directly affect where you live and/or work in the Strathnairn.
- **To engage and join the conversation** about your community; in all respects.
- **To trigger debate and consideration over the lasting legacy** for your community - not only over the next decade but also for the next generation - by decisions or actions made today.

What can I expect to take away from attending tonight?

-
- AIR OUT helping
- LAND FEET
Some sky boats use these instead of wheels
- BIG WORDS THAT TELL YOU WHAT THIS BOOK IS
- # THING EXPLAINER
- COMPLICATED STUFF IN SIMPLE WORDS
- ## Answers & actions
- E-MAKING Y BOAT
- LIFTER
- NG FIELD
ty boats have field games. They have balls around them, because if you kick it over the side, you get it back.
- or fixing boat parts by tying things together with fire and cutting things with stone teeth
- Room for drinking warm things and water
- VISITING BOAT
- BIGGEST ANIMAL WITH TEETH
- LIGHT THINGS TO LET THE CITY STAND ON WATER
- PUSHERS
- Machine for lifting fire water, sand, and rock-eating machines out of the hole
- ENGINE ROOM
- AIR-MOVERS
- Room where fire water comes up
- LIFTER
- These things sit at the top of the hole and what kinds of air water go in and out are named after those winter foods like the kind with boxes under their noses and people say they look like onions
- VISITING SKY BOAT
- DOCTOR ROOM
- FISH WATER
Some workers stand near the fish water and look for flying fish
- ROOM FOR LIFTING THINGS AND RUNNING IN PLACE TO GET STRONGER
- WATER
- TO SEA FLOOR
- # RANDALL MUNROE

Global + National (UK + Scottish) Context for Development

= Aimed at addressing global + national problems

A word cloud shaped like a stylized cloud, featuring the terms "CLIMATE CHANGE", "ENERGY SECURITY", "BIODIVERSITY", "RENEWABLE TECHNOLOGY", and "JOB CREATION" in various sizes and shades of green and yellow. The words are arranged in a way that they appear to be floating within the cloud shape. The largest words are "CLIMATE CHANGE" and "ENERGY SECURITY". Other prominent words include "BIODIVERSITY", "RENEWABLE TECHNOLOGY", and "JOB CREATION". The background is white.

CLIMATE CHANGE
ENERGY SECURITY
BIODIVERSITY
RENEWABLE TECHNOLOGY
JOB CREATION

National (UK + Scottish) + Regional Context for Development

= More complex picture; specific regional problems and variations to address with many overlays

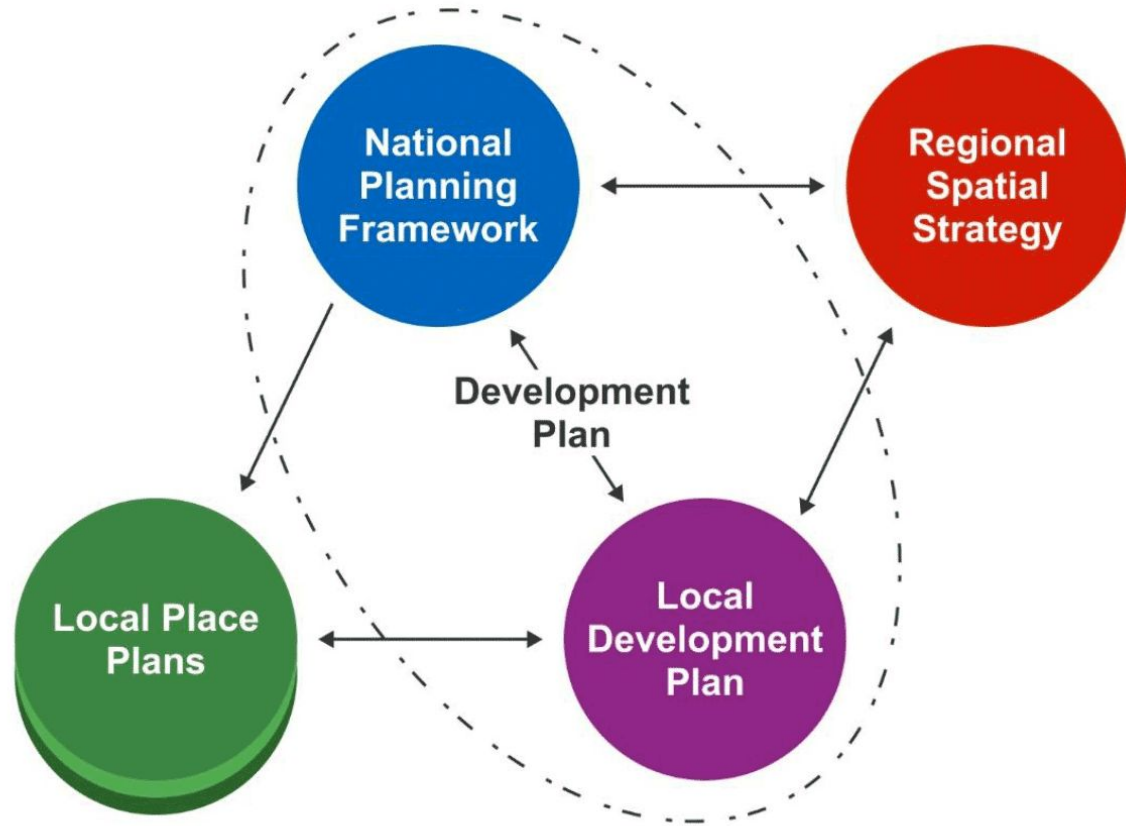


How the Planning & Development System works in Scotland



Development Plan & component parts

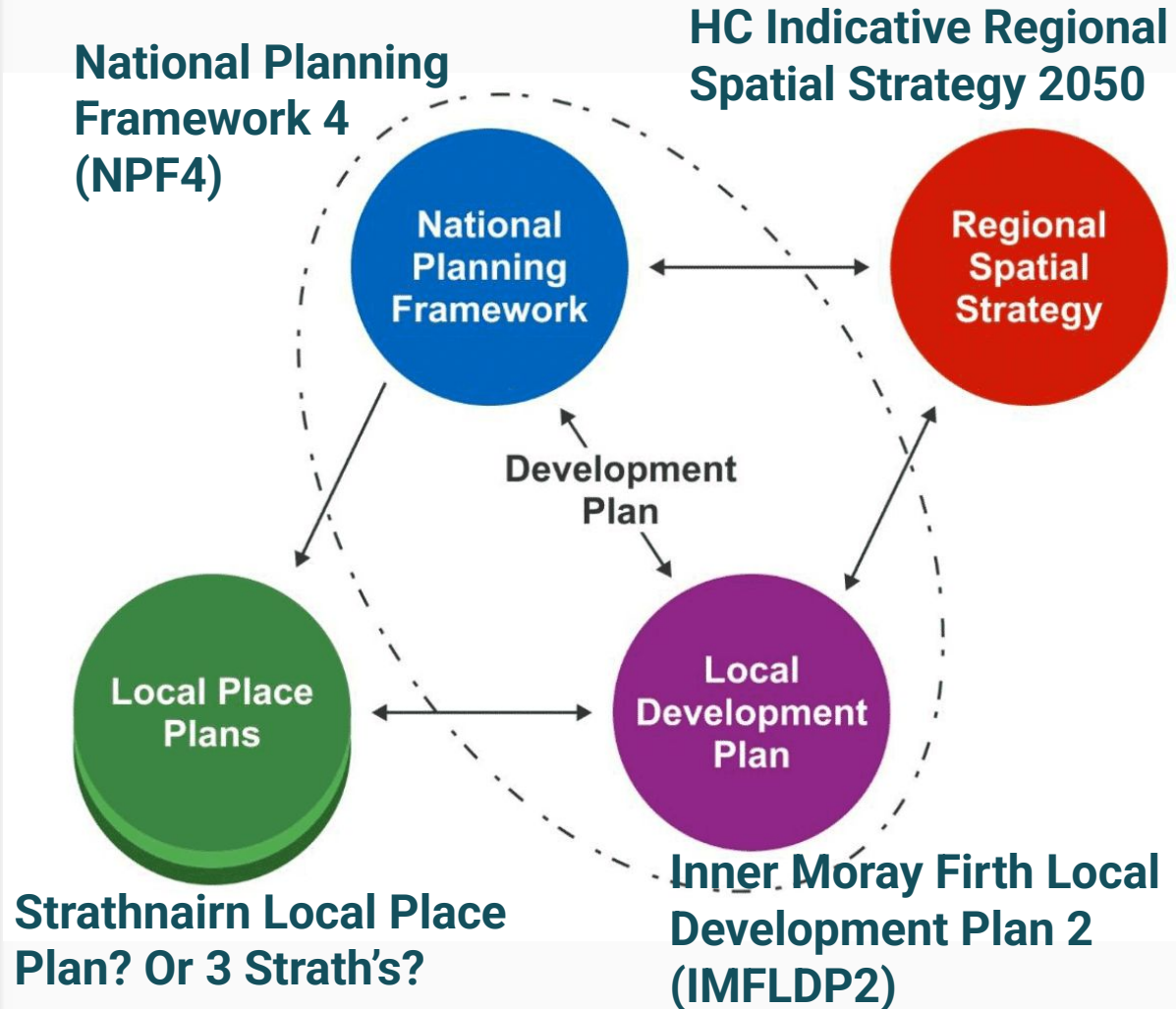
Consulted on at a national, regional
and local level.



Reference documents to emerge

With a life span of 8-10 years on average, before a revision is required.

The most current is generally adopted.



National Planning Framework 4

NPF4

[National Planning Framework 4 - gov.scot](https://www.gov.scot/publications/national-planning-framework-4/pages/1-introduction-to-npf4.aspx)

6 Overarching Principles: Compact growth; Local living; Balanced development; Conserving and recycling; Urban and rural synergy; Just transition.

5 Priority Areas: North and West Coastal Innovation; **Northern Revitalisation**; North East Transition; Central Urban Transformation; and Southern Sustainability.

North and west coastal innovation

Making sustainable use of our coasts and islands to sustain communities and pioneer investment in the blue economy

Northern revitalisation

Growing low-carbon rural communities, capitalising on digital innovation and making the most of exceptional natural and cultural heritage

North east transition

Actively planning a just transition from oil and gas to a net zero future

Central urban transformation

Transforming and pioneering a new era of low carbon urban living

Southern sustainability

Creating connected, liveable places which benefit from further investment and innovation

In NPF4 > North | Northern Revitalisation

This area broadly includes parts of Highland with parts of Argyll and Bute, Moray, Cairngorms National Park, as well as the north of Loch Lomond and The Trossachs National Park, Stirling and Perth and Kinross, with links west and north to coastal and island communities.

(3 main) Priorities

1 | **To deliver sustainable places**, Regional Spatial Strategies and Local Development Plans in this area should protect environmental assets and stimulate investment in natural and engineered solutions to climate change and nature restoration, whilst decarbonising transport and building resilient connections.

2 | **To deliver liveable places**, Regional Spatial Strategies and Local Development Plans in this area should maintain and help to grow the population by taking a positive approach to rural development that strengthens networks of communities.

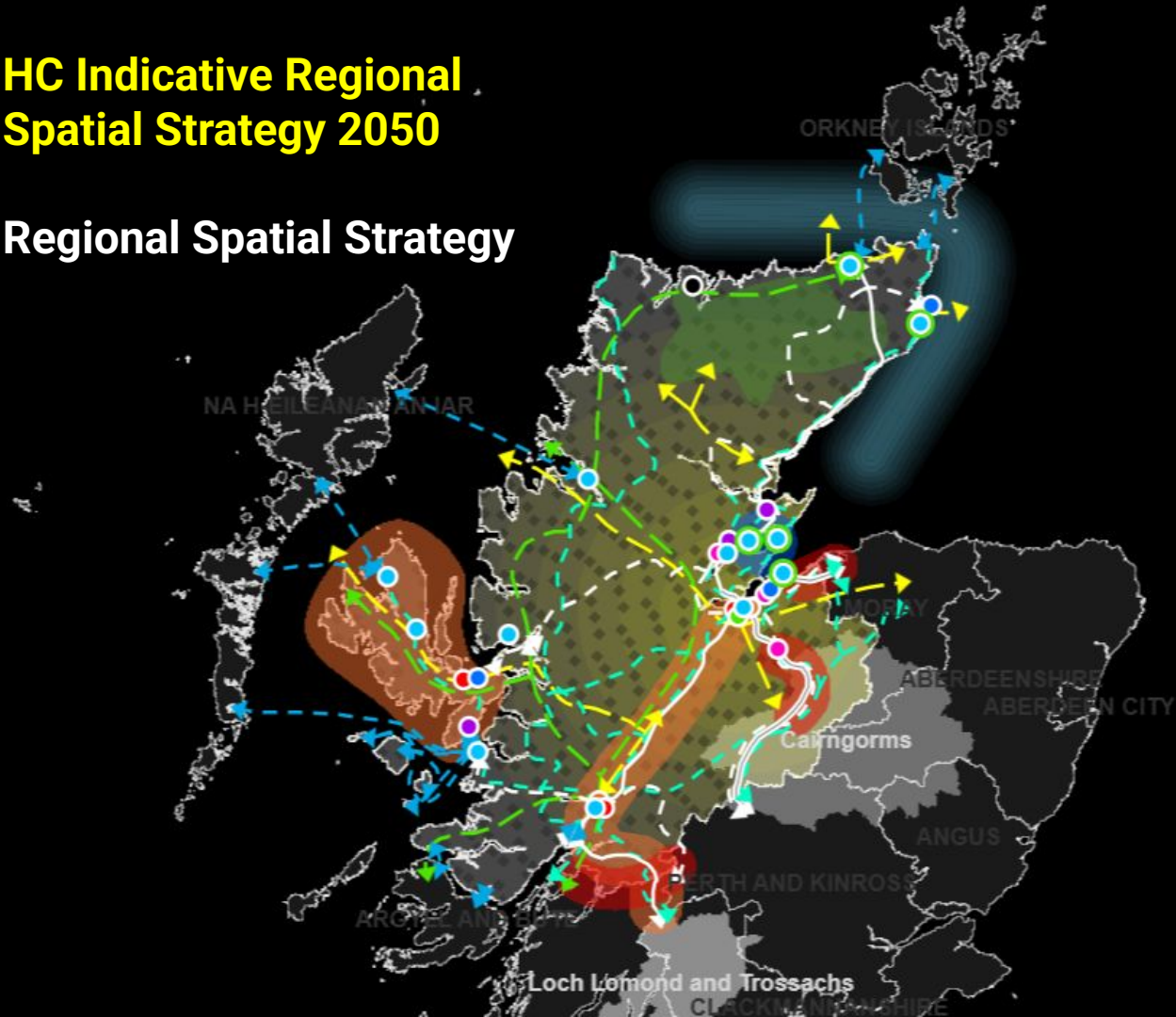
3 | **To deliver productive places**, Regional Spatial Strategies and Local Development Plans in this area should support local economic development by making sustainable use of the area's world-class environmental assets to innovate and lead greener growth.

Highland Indicative Regional Spatial Strategy 2050

highland.maps.arcgis.com/apps/MapSeries/index.html?appid=3028e38a2bc848cfba0db39d7fbda29b#

HC Indicative Regional Spatial Strategy 2050

Regional Spatial Strategy





Local Spatial Strategy

LEGEND

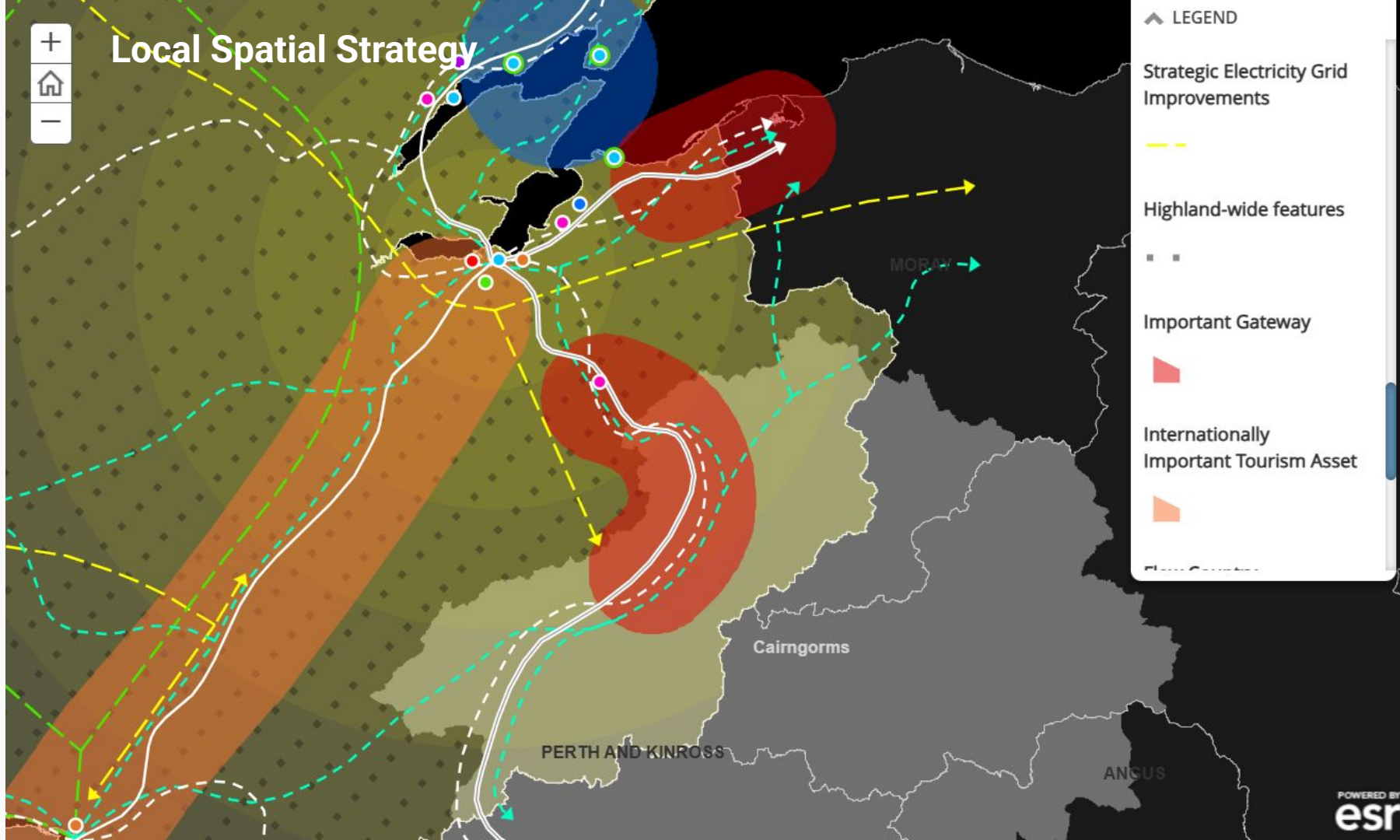
Strategic Electricity Grid Improvements

Highland-wide features

Important Gateway

Internationally Important Tourism Asset

Plan Context



Indicative Regional Spatial Strategy for Highland 2050

Priorities, Development & National Outcomes

Highland IRSS: Strategic Development Priority (candidate National Development - cND)	Highland IRSS Themes to which the cND is particularly relevant					NPF4 Key Themes (3 = most strong, 1 = least strong)			Highland IRSS Diagram features	High level outcomes to be addressed by NPF4, to which the cND contributes						National Outcomes to which the cND contributes										Other priorities and outcomes to which the cNDs contribute	
	Climate Change	Quality of Life, Health and Wellbeing	Resilient Economy	Special Character	Infrastructure	People	Work	Place		Meeting housing needs	Improving health and wellbeing	Increasing population of rural areas	Improving equality and eliminating discrimination	Reduction of emissions of greenhouse gases	Positive effects for biodiversity	Children and Young People	Communities	Culture	Economy	Education	Environment	Fair Work and Business	Health	Human Rights	International	Poverty	- United Nations Sustainable Development Goals - Scotland's Public Health Priorities - Highland Council Improvement Plan: - Poverty Reduction - Community Participation and Dialogue - Infrastructure - Community Safety and Resilience - Mental Health and Wellbeing
(cND01) Rail Infrastructure Improvements	✓		✓		✓	1	2	3	- Proposed Rail Halt - Sustainable Transport Interchange - Rail Corridor Improvements			✓	✓	✓			✓		✓					✓	✓		UNSDGs: 7, 8, 9, 10, 11, 12 SPHPs: 1, 5, 6 HOIP: 3
(cND02) Trunk and Other Strategic Road Improvements	✓		✓		✓	1	2	3	- Major Trunk Road Corridor Improvements - Other Trunk and Strategic Road Improvements			✓	✓	✓			✓		✓			✓	✓	✓	✓	✓	SDGs: 3, 7, 8, 9, 10, 11, 12 SPHPs: 1, 5, 6 HOIP: 3
(cND03) Energy Generation, Transmission, Distribution and Consumption	✓				✓	1	3	2	- Strategic Electricity Grid Improvements - Offshore Renewables			✓	✓	✓				✓			✓		✓	✓		SDGs: 7, 8, 9, 10, 12 SPHPs: 1, 5 HOIP: 1	
(cND04) Regionally Important Facilities		✓	✓		✓	3	1	1	- Strategic Justice Facility - Strategic Health Facility - Strategic Education Facility - Inverness as a Regional Hub		✓		✓			✓	✓	✓	✓	✓		✓	✓			SDGs: 3, 4, 10, 11 SPHPs: 1, 2, 3, 4, 5, 6 HOIP: 3, 5	
(cND05) Local Resilient Networks	✓	✓	✓		✓	2	2	3	Highland-wide features	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	SDGs: 1, 2, 3, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 SPHPs: 1, 2, 3, 4, 5, 6 HOIP: 1, 2, 3, 4, 5	
(cND06) Long Distance Cycling and Walking Network		✓	✓		✓	3	1	2	Long Distance Cycling and Walking Network		✓		✓	✓								✓	✓			SDGs: 3, 10, 12 SPHPs: 1, 2, 3, 5, 6 HOIP: 3, 5	
(cND07) High Quality Housing		✓	✓		✓	3	1	2	Highland-wide features	✓	✓	✓	✓	✓		✓	✓			✓		✓	✓		✓	SDGs: 1, 3, 6, 7, 10, 11, 12, 13 SPHPs: 1, 2, 3, 4 HOIP: 1, 5	
(cND08) Sea Ports			✓		✓	1	3	1	- Renewables Base - Port Improvements - Important Ferry Routes			✓		✓			✓	✓		✓			✓	✓		SDGs: 7, 8, 9, 10, 11, 12 SPHPs: 1, 5 HOIP: 3	
(cND09) Strategic Airport and Service Enhancements			✓		✓	1	3	1	Airport Expansion			✓					✓		✓		✓		✓	✓		SDGs: 7, 8, 9, 10, 11, 12 SPHPs: 1, 5 HOIP: 3	
(cND10) Strategic Digital Fibre	✓	✓	✓		✓				Strategic Digital Fibre	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓		✓	✓		SDGs: 3, 4, 8, 9, 10, 11, 16	

Inner Moray Firth Local Development Plan 2

[Inner Moray Firth Local Development Plan 2 \(IMFLDP2\)](#) | [Inner Moray Firth Local Development Plan](#) | [The Highland Council](#)

+

(New) Highland Local Development Plan (Live Consultation)

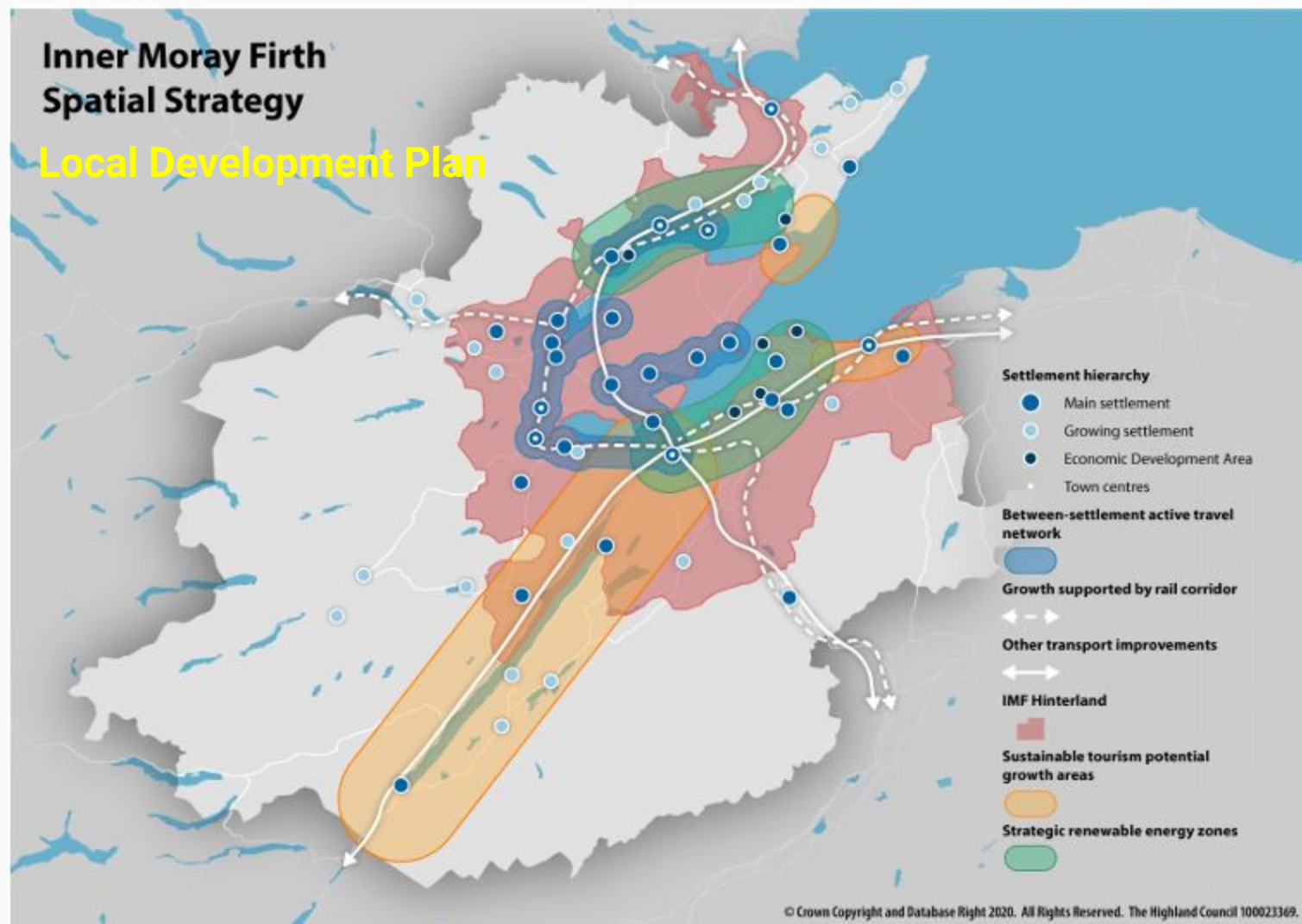
[Highland Local Development Plan \(HLDP\)](#) | [Highland Local Development Plan](#) | [The Highland Council](#)

Aims: Delivery focussed | Place-based | People-centred

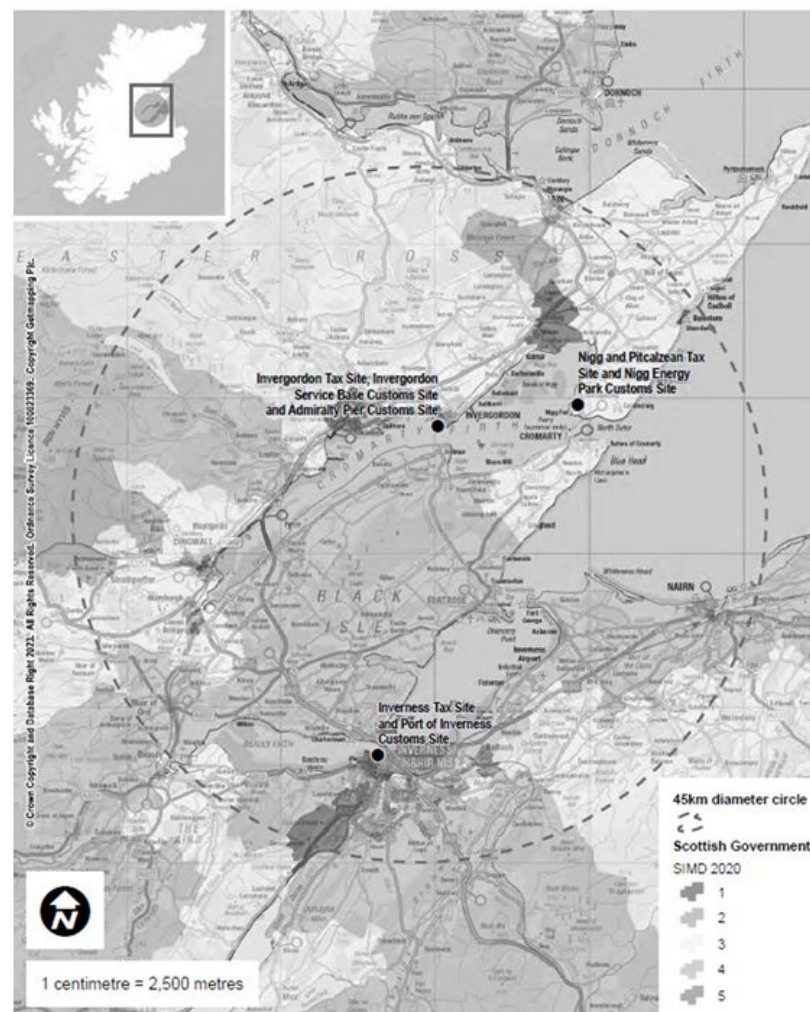


Inner Moray Firth Spatial Strategy

Local Development Plan



Inverness and Cromarty Firth Green Freeport

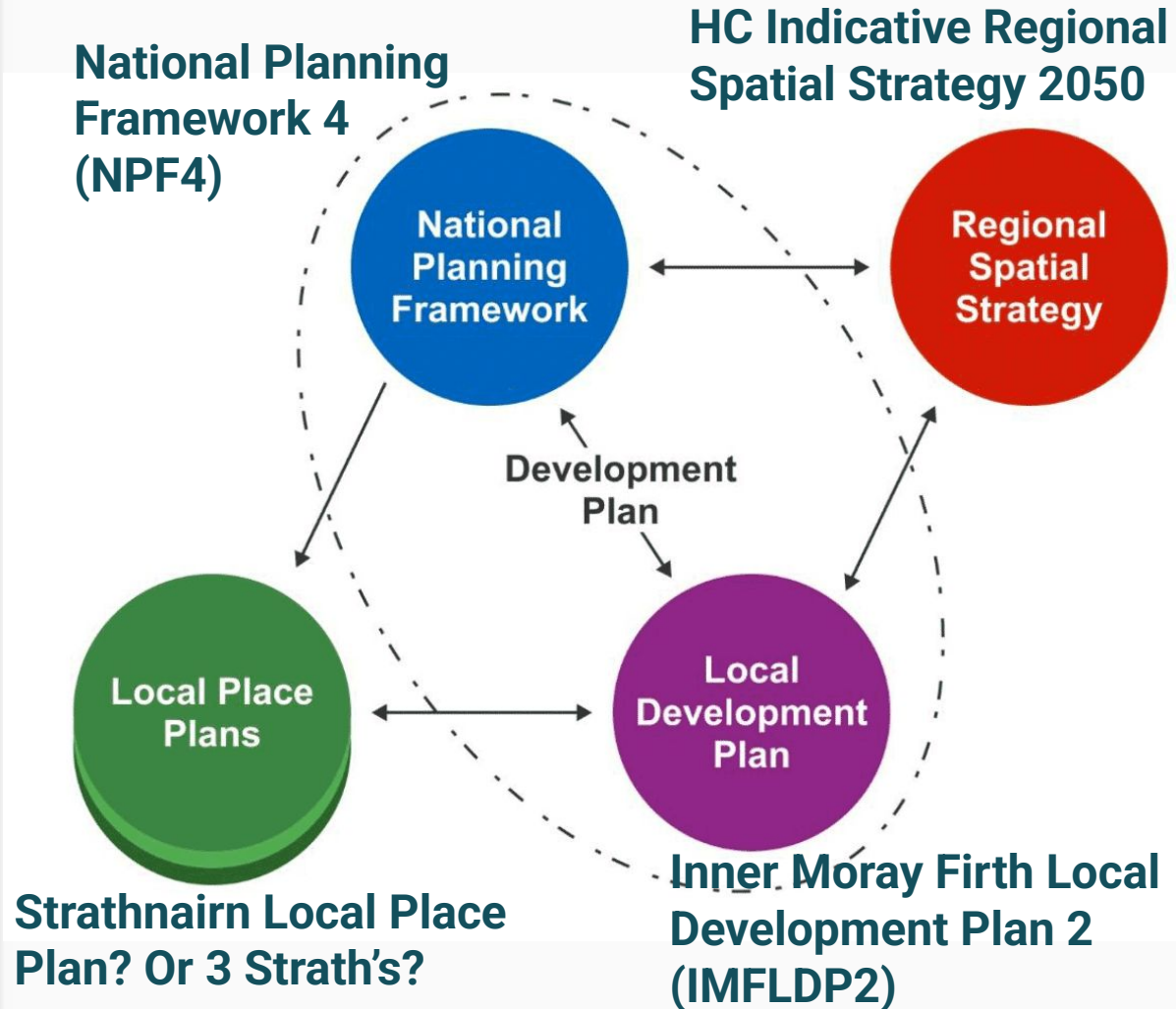


Engage to

Inform your own Local Plan Plan

Consider how your local place plan best addresses your community's needs or wider community areas

Drive community-led change



Wind Farms + Large Scale Infrastructure Projects

= Built, consented or projects in the pipeline for
Strathnairn, Strathtearn and Stratherrick

Considering the **Cumulative Effect**



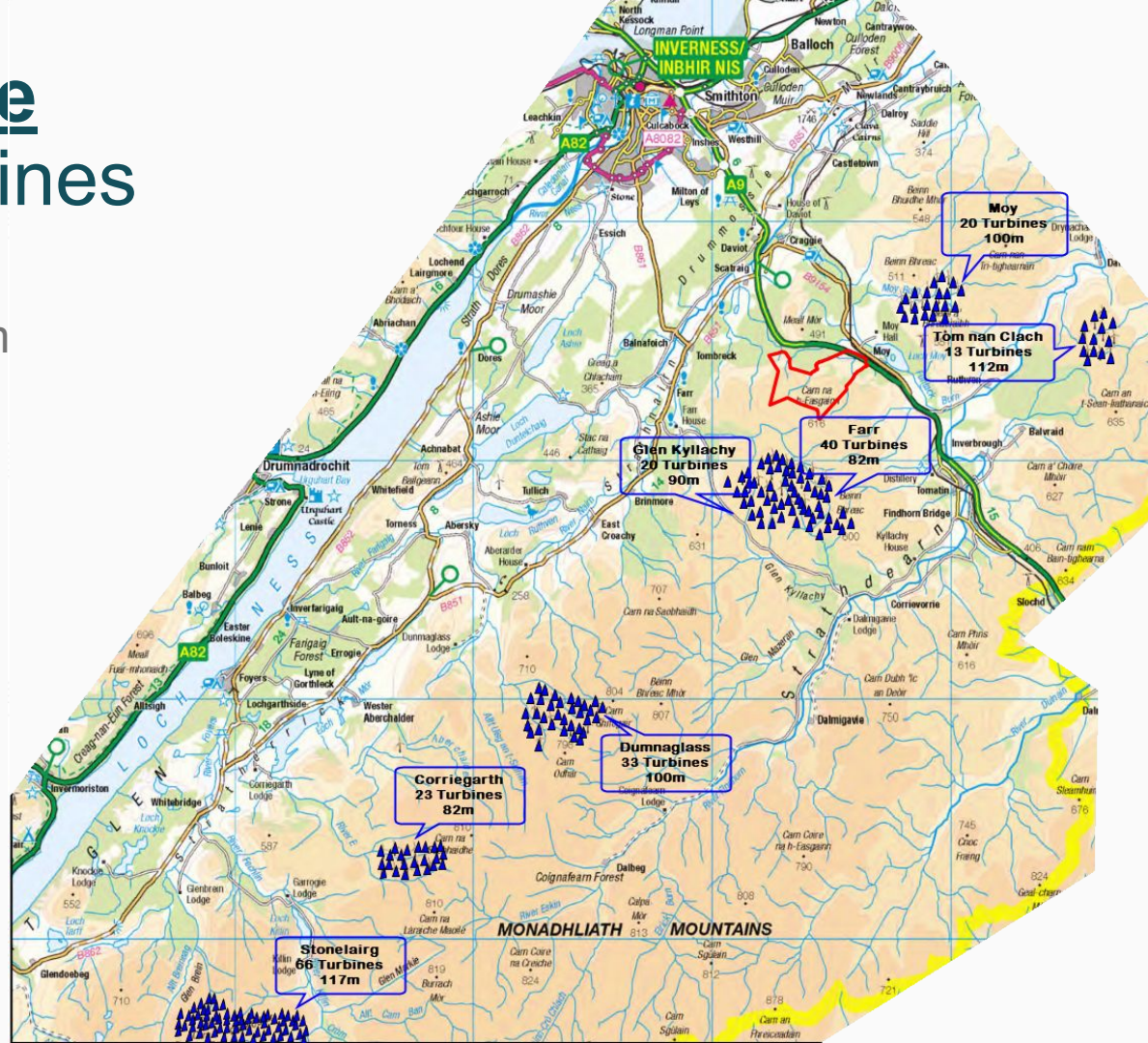
A dramatic seascape with a dark, cloudy sky and a bird in flight. The ocean is dark and textured, with white foam from waves visible in the lower right. A single bird is silhouetted against the lighter part of the sky in the upper center.

Everything has positive and
negative consequences.

Farrah Fawcett

● 215 Active Wind Turbines

- Active = Blue
- Max height 117m
 - (Stonelaig)

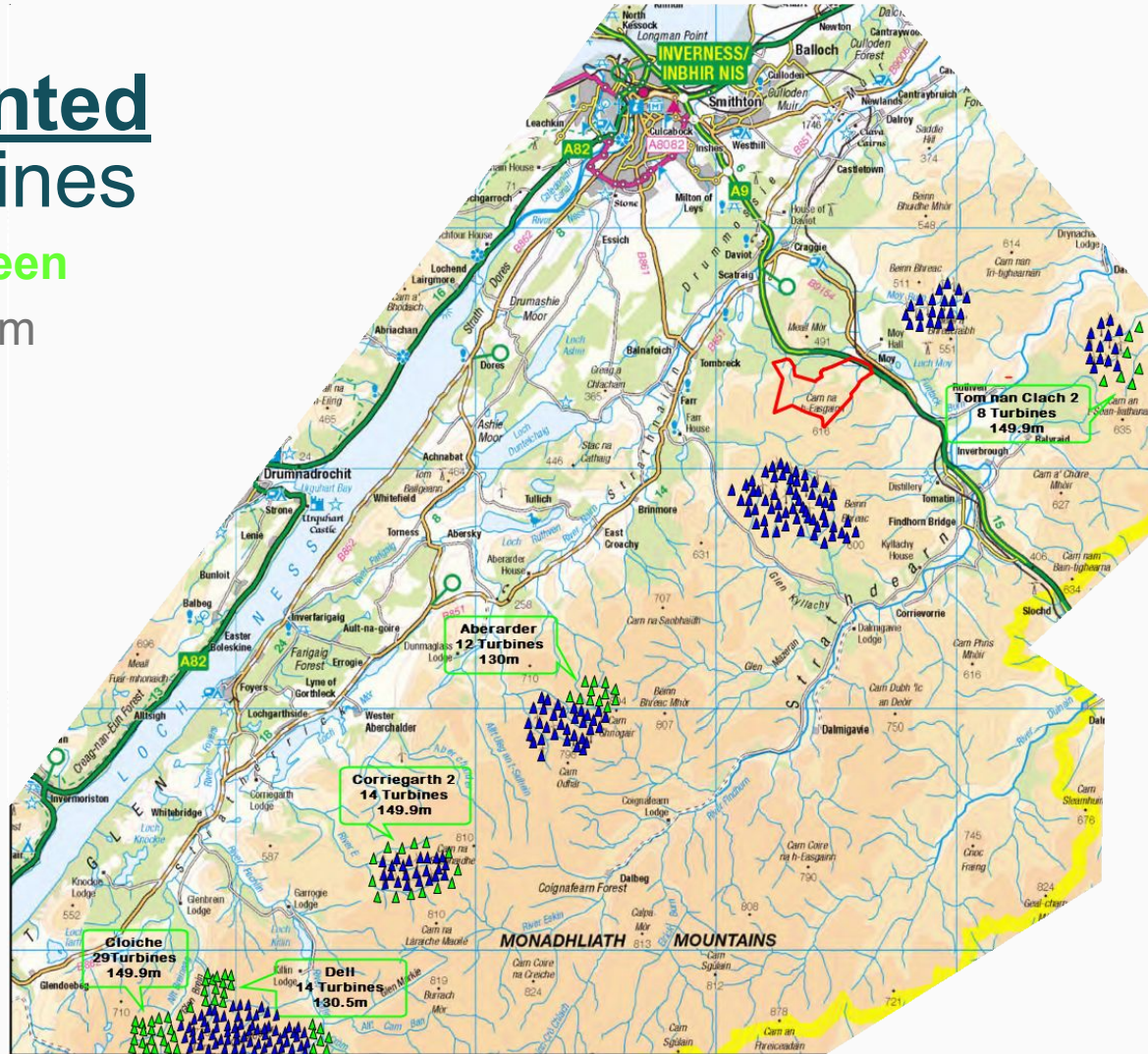


● 76 Consented Wind Turbines

● Consented = Green

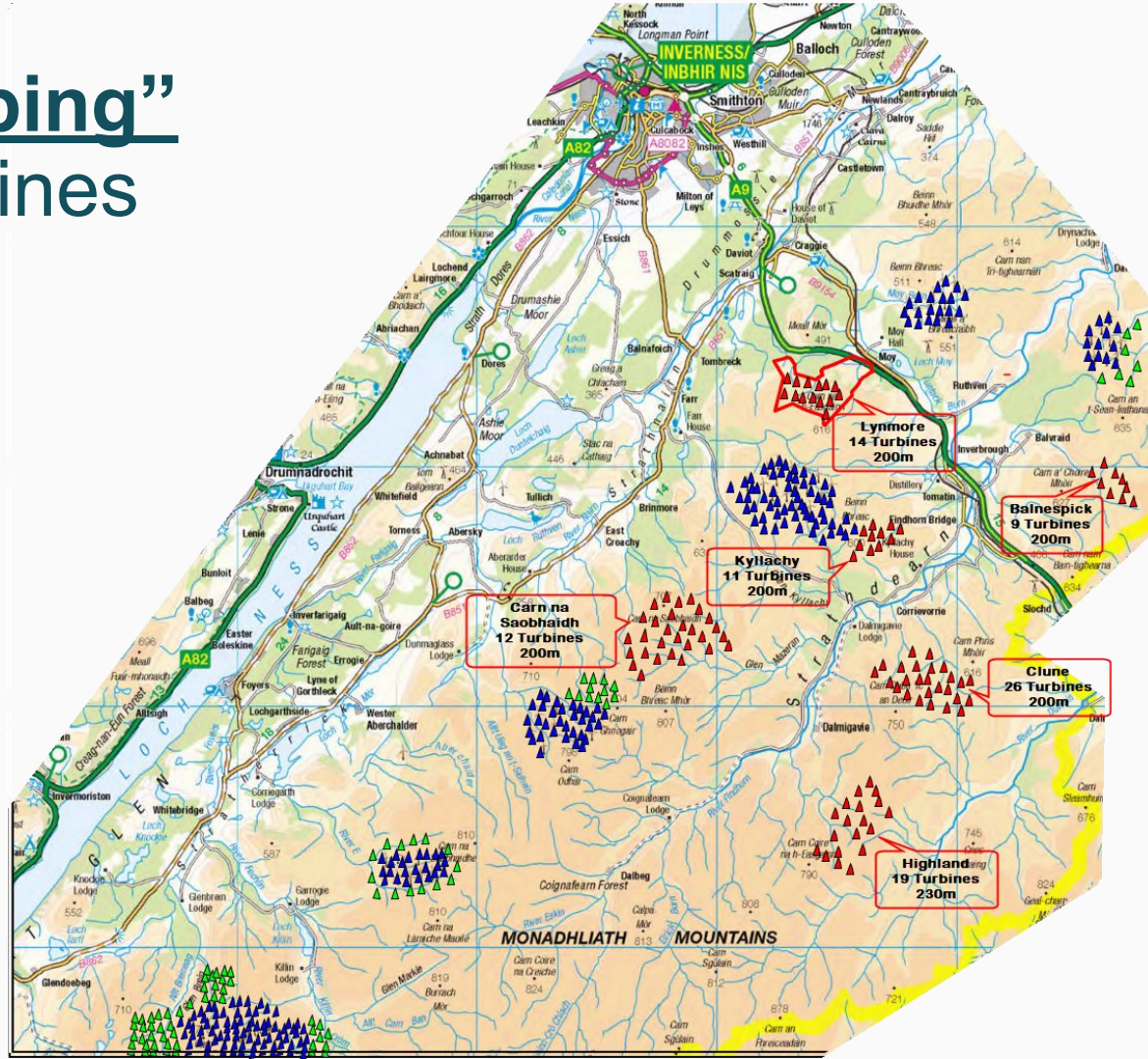
● Max height 149.9m

- Aberarder currently under construction-
Traffic runs along B851
- Corriegarth 2 and Dell also propose traffic on B851
- Cloiche Scoping report indicates using B862



● 108 “Scoping” Wind Turbines

- **Scoping = Red**
- Max height 230m
 - Highland
- Lynemore will be access via A9 entrance
- Kyllachy and Carn na Saobhaidh proposed Traffic along A9 > Farr-Windfarm Track



Loch-Ness Hydro-Pump Storage

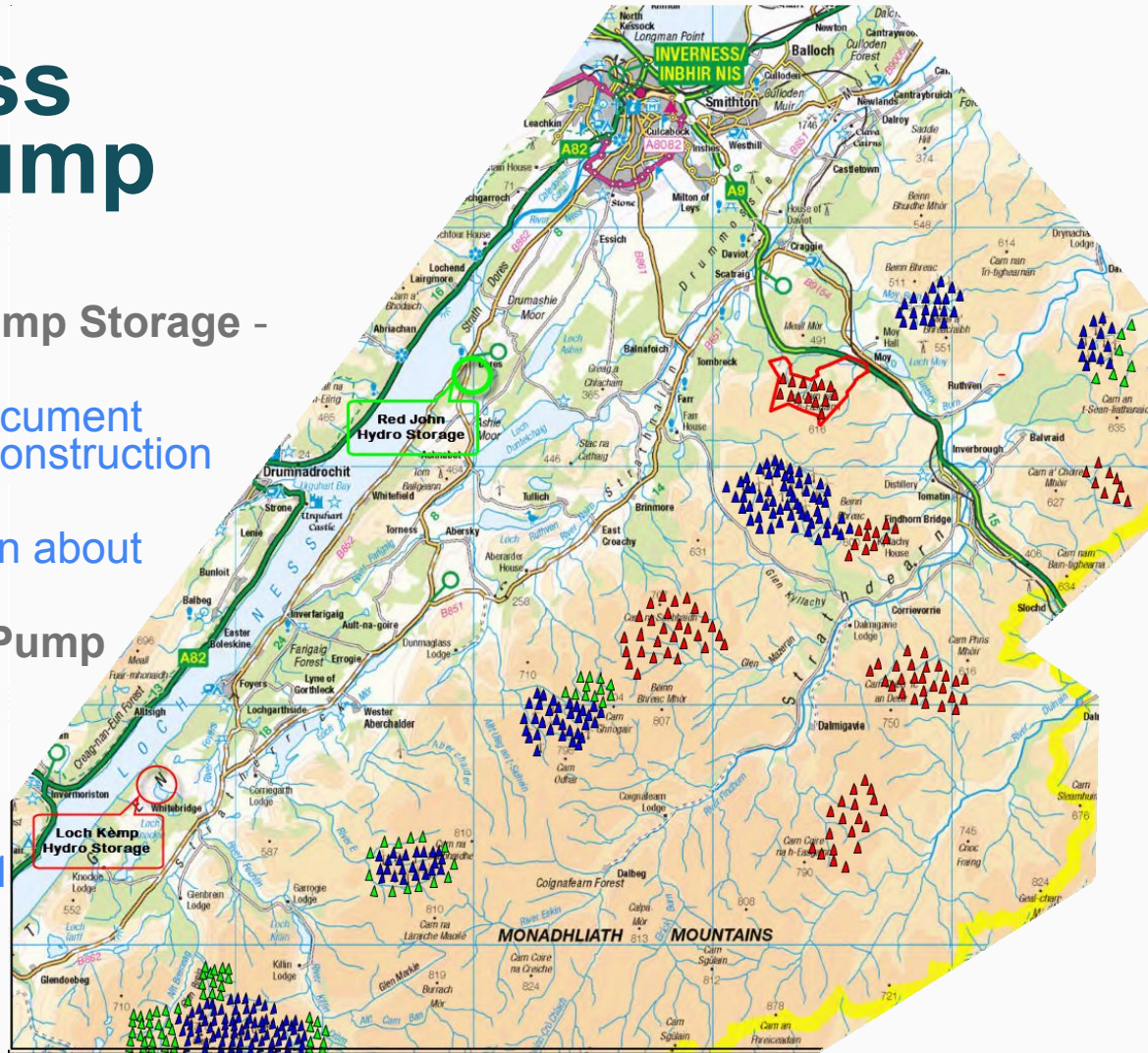
Red John Hydro Pump Storage - consented

Traffic in planning document references all HGV construction traffic via B851.

Statkraft in discussion about alternative route

Loch Kemp Hydro Pump Storage-

Currently in planning
All HGV Traffic
proposed along B851



Energy Project Timelines

	Construction Date	Traffic Route	
Aberarder	Now	Along B851	Jan to mid-March ~1000 lorries Even with SSE engaged traffic was extreme and going non-agreed routes and timings!
Corriegarth 2	??	Along B851	
Dell	??	Along B851	
Cloiche	??	Proposed B862	*ECU application indicates Stratherrick & Farr School sensitive traffic areas so plan to avoid!
Lynemore	??	A9 > Farr Windfarm Track	
Kyllachy	??	A9 > Farr Windfarm Track	
Carn na Saobhaid	??	A9 > Farr Windfarm Track	
Red John	??	Along B851	Discussions with Statkraft regarding alternative route
Loch Kemp	??	Along B851	

Turbines per Capita

Using Population numbers from Highland Council Estimate mid-2013

- Strathnairn has approx. 1316
- Stratherrick has approx. 780
- Strathdearn has approx. 618

	Approx Population	No. of Turbines	No of Turbines per Capita
3x Straths	2714	Existing 215	1 Turbine for every 12.6 people
3x Straths	2714	Existing + Consented 291	1 Turbine for every 9.3 people
3x Straths	2714	Existing + Consented + Scoped 399	1 Turbine for every 6.8 people
Highlands	235,540	1149 existing	1 Turbine for every 205 people
Sweden	10,555,448	4679	1 Turbine for every 2255 people
Denmark	5,998,205	6000	1 Turbine for every 999 people

Population details from Wikipedia.

Highland Turbine info

https://map-highland.opendata.arcgis.com/datasets/fdad9392071a477087c9e0cb4184b5d4_0/explore?location=57.784337%2C-4.677843%2C8.13&showTable=true

Sweden Turbine info – Wikipedia data, International Energy Agency 2021 report

Denmark Turbine info – Denmark.net/wind-power-in-denmark 2023

Galileo's Lynemore Wind Farm

[Lynemore Wind Farm](#)

Registered end of March 2025 by Developer with ECU |

Consultation goes live from 02 May 2025

Galileo's Lynemore Wind Farm

Project Details as defined by the Developer

- Proposing 14 no x 200m to tip turbines
- Proposing a 50MW Battery Energy Storage System (BESS), which would be located within the substation compound.
- Access track from the new A9 junction at Lynebeg (Tomatin to Moy Dualling).
- Habitat enhancement measures including forestry planting along the A9, >150Ha of peatland restoration including damming and reprofiling.

Community Offering

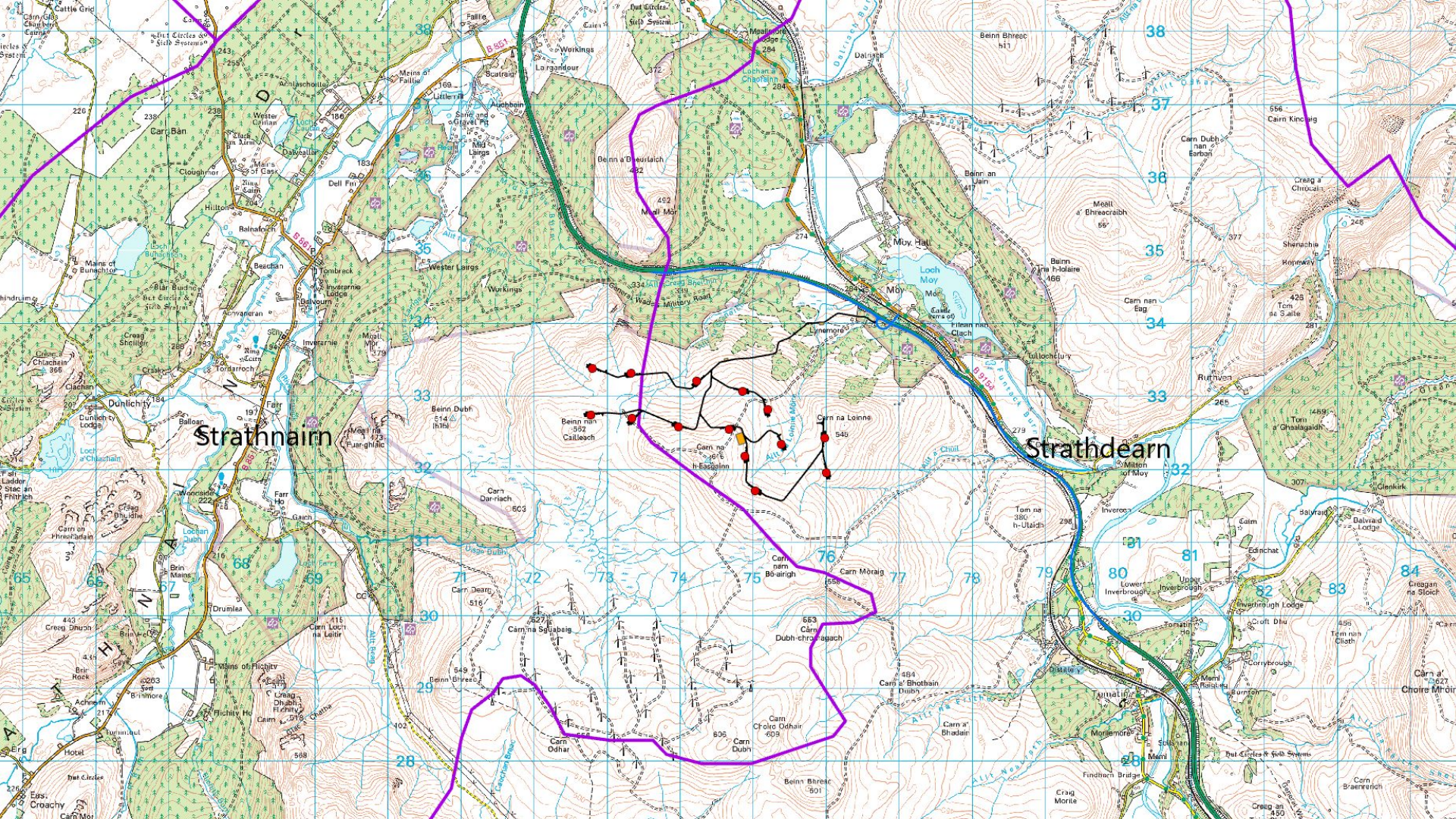
Galileo Empower is committed to developing projects that deliver substantial and tangible benefits locally and foster strong community relations.

We will:

- Commit to offering a community wealth fund of £5,000 per MW annually (index-linked) for the operational lifetime of the wind farm.
- Explore opportunities for a renewable electricity discount scheme (REDS).
- Offer up to 10 per cent shared ownership – where the profits generated by an ownership stake can be used to benefit the community. - Positive engagement with Fergus Ewing MSP regarding the re-establishment of a fund to grant initial capital.
- A Construction Community Fund will be made available to local groups and organisations from construction until the commencement of operation and to help offset any inconvenience caused during construction
- Explore opportunities to deliver green skills and jobs in the local area. We are keen to ensure the local supply chain helps us deliver the services we need.

Indicative Fund	
Number of turbines	Up to 14
Project capacity	Up to 98MW
Project Lifetime	40 years
Community Wealth fund rate	£5k per MW annually
Annual Community Fund	Up to £490K
Lifetime Wealth fund	Up to £19.6M





Significance of Galileo's Lynemore Wind Farm & Offshore Wind Farm Technology



Project Details the community need to be aware of:

Galileo are proposing the inclusion of 14 number 200m high to tip of blade wind turbines. In so doing, offshore technology comes onshore. If consented this will be among the first of the consented 150m+ turbines in the Highlands, and will require overnight industrial lighting solutions.

Moray West offshore wind farm to be switched on



[Moray West offshore windfarm to be switched on - BBC News](#)

MORAY WEST@OCEAN WIND

| Moray West has capacity to generate 882MW of electricity

24 April 2025

An offshore wind farm said to be capable of powering half of Scotland's homes is due to become fully operational later.

Moray West in the Moray Firth has 60 turbines each standing 257m (843ft) above the surface of the sea, making them the tallest turbines to be installed in UK waters according to the operator.

Ocean Winds, the consortium operating the wind farm, said it would have capacity to generate up 882MW of electricity - enough power for 1.3 million households.

About 1,500 jobs were created during construction at the site, which lies about 13 miles (21km) north of Buckie in Moray.



Significance of Galileo's Lynemore Wind Farm & Offshore Wind Farm Technology

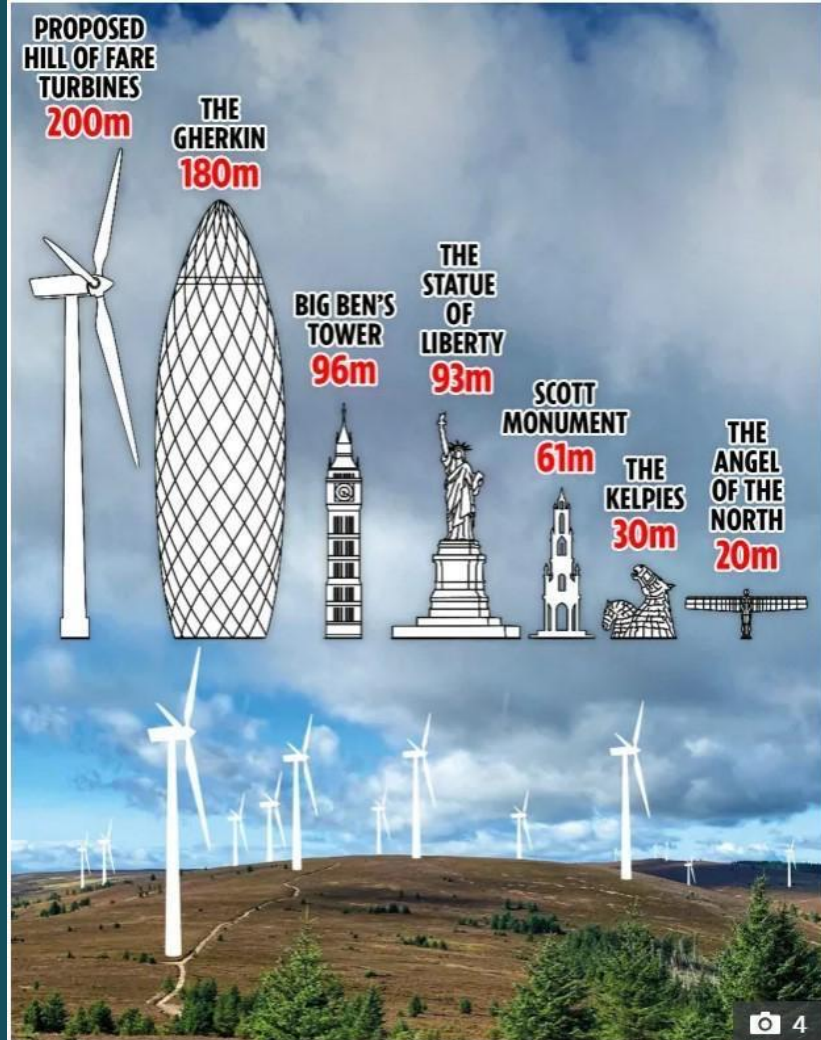
Project Details the community need to be aware of

- Proposing 14 no x 200m to tip turbines | **Requires Civil Aviation Authority Lighting & Ministry of Defence Lighting / Nocturnal lighting, for any turbine 150m or higher resulting in loss of dark skies and potential flicker effect**
- Proposing a 50MW Battery Energy Storage System (BESS), which would be located within the substation compound | **Implications of battery storage and proximity to this**
- Access track from the new A9 junction at Lynebeg (Tomatin to Moy Dualling) | **Disruption during and after construction to the area and proximity and siting relative to Farr**
- Habitat enhancement measures including forestry planting along the A9, >150Ha of peatland restoration including damming and reprofiling | **Habitat destruction, including noise pollution and changes to flora and fauna and lasting legacy**

Impact of scale & siting

Scale of a 200m turbine relative to UK landmarks

[Hill of Fare Wind Farm](#)
[Hill of Fare Windfarm Information Group -](#)



The mammoth turbines will be twice the size of the Statue of Liberty

Overnight industrial lighting solutions

The effect of Industrial Civil Aviation Authority plus MOD Nocturnal Lighting; as photographed in Galway, Ireland.

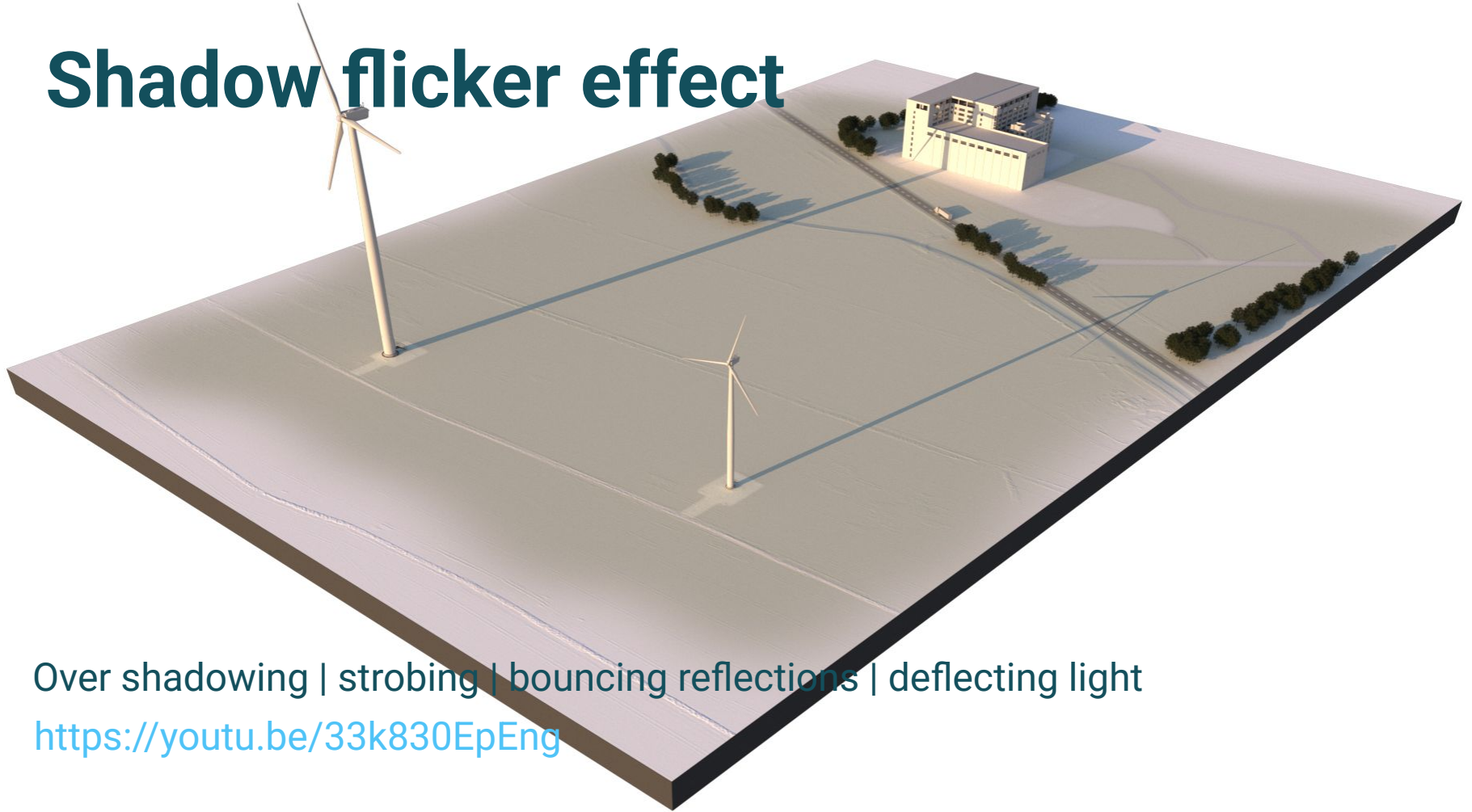
It is proposed that **half of the turbines will be permanently lit** overnight at Lynemore, equating to 7 of the 14.

Existing local reference

(Single) telecoms mast at Mount Eagle on the Black Isle; as seen from the North Woods Cafe at Daviot



Shadow flicker effect



Over shadowing | strobing | bouncing reflections | deflecting light

<https://youtu.be/33k830EpEng>



Proximity to turbines & noise pollution

From individual turbines or cumulative effect

[Islanders say they cannot escape mysterious humming sound - BBC News](#)

Islanders say they cannot escape mysterious humming

A number of Lewis residents say the 'Hebridean Hum' has disrupted their lives for weeks.

Timeline

31 March 2025 > Submitted to Energy Consent Unit by Galileo Ltd (as Developer)

02 May 2025 > Application goes live for 6 week Community Consultation & Other representations

02 May 2025 > Strathnairn Community Council will request an extension / no guarantee

21 or 22 May 2025 > Neil Thomson (Galileo) will attend Farr Community Hall for shortcut to any point

Thereafter > Goes to Highland Council Planning for consideration for approval (over 3 month period)

Indicative Timeline

28 April 2025

**Environmental Impact
Surveys**

2022-2024

**Public Consultation
Events**

March 2024 and October 2024

Planning Decision Issued

2026

Wind Farm Operational

2031

Scoping Request

Submitted June 2023

[April 2024 – Click Here](#)

**Section 36 Application
Submitted**

Early 2025

Construction Commences

2029

Support or object?

What can realistically be challenged or supported?

What action can the community take and why?

What action can I take and why?

Few things in life are black and white; as with many things it's about balance

Given the context, wholesale support or objection holds little meaning.

What is more effective is for the community (and its related groups) plus individuals to give consideration to the detail of what is proposed.

In essence supporting what is good, but equally challenging what negatively affects the community / landscape / heritage / people in considering what is proposed and what is at risk locally or in a wider context. In addition understanding thresholds of 'acceptable' change.

Meaningful support or objections might therefore focus on scale and siting, detailed conditions, environmental impact assessment, cumulative effect, lasting legacy etc.

As a community

Ahead of further developments being consented or proposed; in 2025 SCC will commission **3 surveys** on behalf of the community to establish the datum, with which to challenge or support change. 1 Dark Skies | 2 Audio | 3 Flora & fauna

SCC - on behalf of the community - will make a representation on each and every application; ideally with your feedback / input. However **coordinating efforts cross-community**, as a series of community bodies, will strengthen your wider community response (say with responses from DT, Heritage Group, etc)

And **working across Communities**, with Strathdearn and Stratherrick - who face similar issues and have much in common - will double your resources / half your efforts / increase your critical mass.

As an individual

Start to engage with community matters that directly or indirectly impact you and your neighbouring communities; specifically planning development. SCC's website is a good starting point. [Home | Strathnairn Council | Srath Narann coimhearsnachd](#)

Join the conversation locally, see things from multiple perspectives, but form a view of your own. Be curious, ask questions. Think about your needs, the communities needs and those of future generations.

Make an individual representation, on each and every application as it comes forward, if you can. Regardless of whether you support or object, SCC will assist you if required.

A cumulative effect of a different kind worth considering....

The cumulative effect of each person making a change in his or her own life will make a difference.

James Balog

quote fancy



The change you can make as an individual is to engage in the process on behalf of your community.

The cumulative effect of each person making a change in his or her own life will make a difference.

James Balog

quote fancy



Or remain silent / disengaged / disconnected and simply accept the outcomes. **It's entirely up to you.**

The cumulative effect of each person making a change in his or her own life will make a difference.

James Balog

quote fancy



Make a difference to your local community

Join the conversation / engage
and /or take action over
**Development | Heritage |
Landscape | Environment |
Community |**
<https://strathnairn.org.uk/>

