

WAPA

**West Aberdeenshire Pylon
Action**
(Alford Keig Insch Huntly)

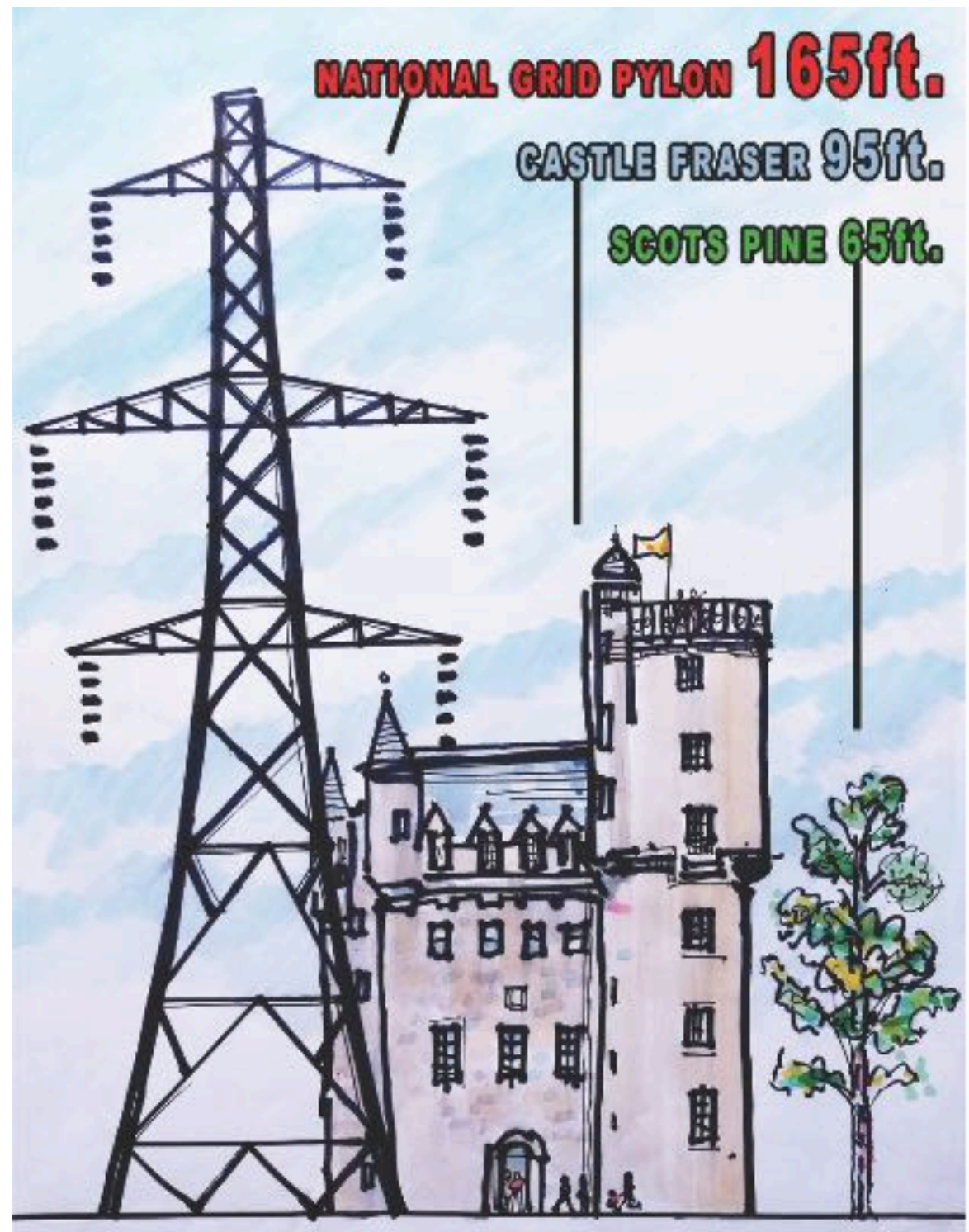
and

CLAMPA

**Craigearn, Leschangie,
and Monymusk
Pylon Action**
(Tillyfourie Kemnay Kintore)

Welcome you to

Keig Village Hall
7:30pm to 9:00pm
Wed 26th October





Who we are

- Ordinary local folk who live in and appreciate our beautiful iconic landscape:
 - Seeking to defend and preserve it
- Apolitical
- Since March 2016 consultation, we have instigated these activities
- From this evening, hope to encourage you to play your part
- Share information about these pylon plans: E mail etc
- Looking for more support to strengthen the resistance
- To date, individual donations have funded printing, posters, banners and hall rentals; our time is given freely

Consult: the meaning?

- To get information or advice
 - Which involves listening

- We've found that SSE are treating us with disdain
 - Tend to be telling not listening
 - Have told us that they are only acting on instructions

Agenda Points

- A landscape worth preserving
- We are realistic; electricity has to be transported
- Drivers:
 - Demand (loss of coal fired power generation)
 - Renewables (opposite end of the country from the demand)
- Cheviot the Stag and the Black Black Oil
- Our Strategy, so far?
 - Who to pressure
 - Points to make

Aarhus Convention 1998

“Recognising that, adequate protection of the environment is essential to human well-being and the enjoyment of basic human rights, including the right to life itself”









The drivers!



1. **Scottish Government** is pursuing **a head-long** drive to become a zero carbon economy. This means:
 - its uncompromising support for all new **renewable energy projects**, these are placed ahead of the **environment, irreplaceable landscape heritage**, and **quality of life within Communities**
 - **Premature retirement** of coal and gas fired stations (EEC instruction)
2. **Electricity being generated at the wrong end of the country**
3. **Network Operators (DNOs) are required to transmit the new power:**
 - National Grid plc, SSE plc, Scottish Power plc
 - Private companies driven to maximise their **profits**
 - **Building new power lines** adds to their profits

Who are we dealing with?

UK wide: The National Grid

“We own and operate the transmission network in **England and Wales**; we operate but do not own the **Scottish networks**”

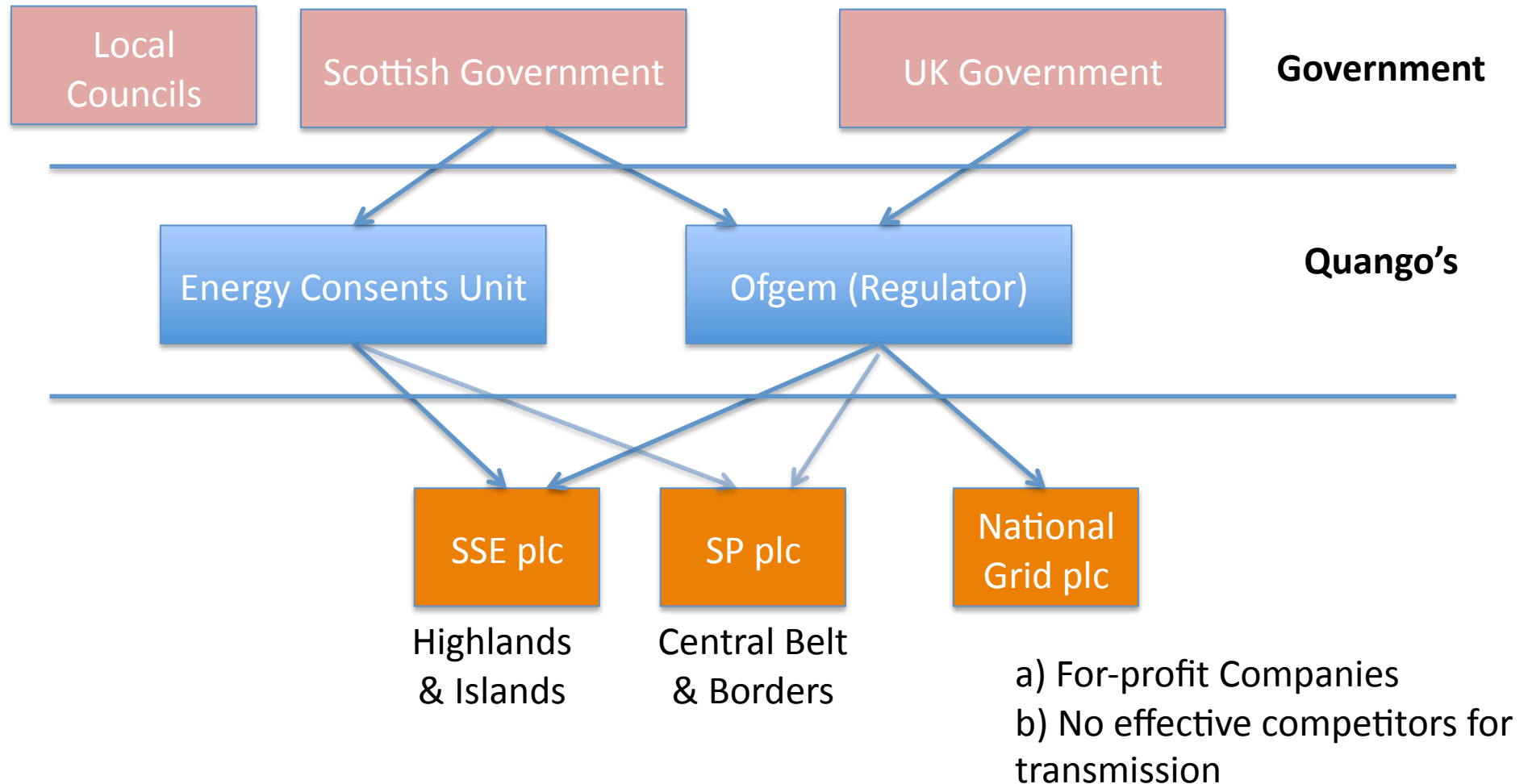
Two Distribution Network Operators (DNO's) are licensed to develop, operate and maintain **high voltage transmission systems in Scotland:**

- **SSE Power Distribution** – northern Scotland and islands
- **Scottish Power Energy Networks** – central belt and borders

Ofgem: The Regulators

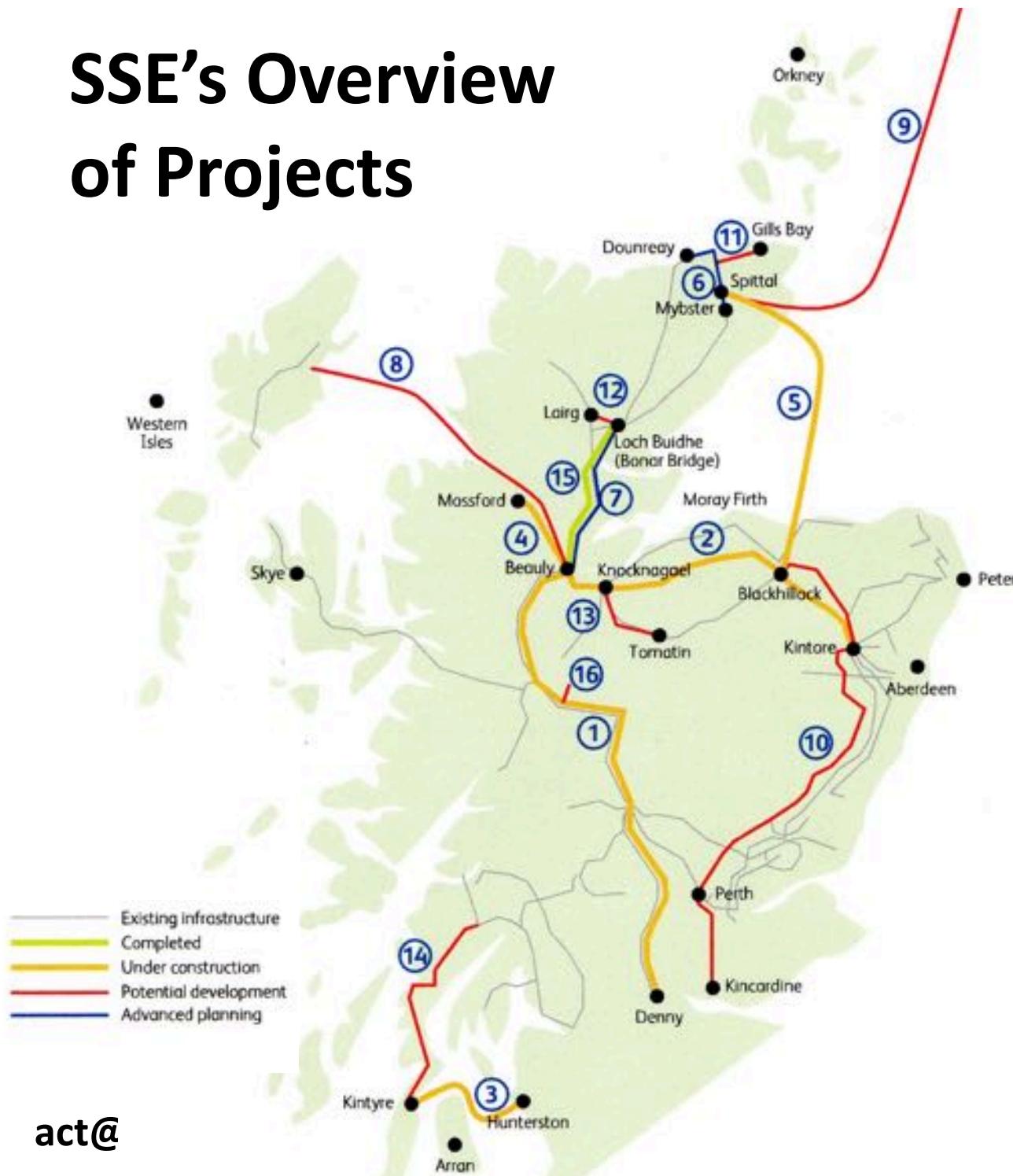
- Government QUANGO
- Wants SSE plc to act on their instruction and to soak the punches
- Insists DNO's build new lines **as cheaply as possible** ("the consumer has to pay")
- Which means that SSE plc will use **routes of least resistance to maximise profit**
- **BUT:** National Grid has persuaded Ofgem in England to spend **extra £400m** to bury new and existing lines in National Parks

Who is accountable?



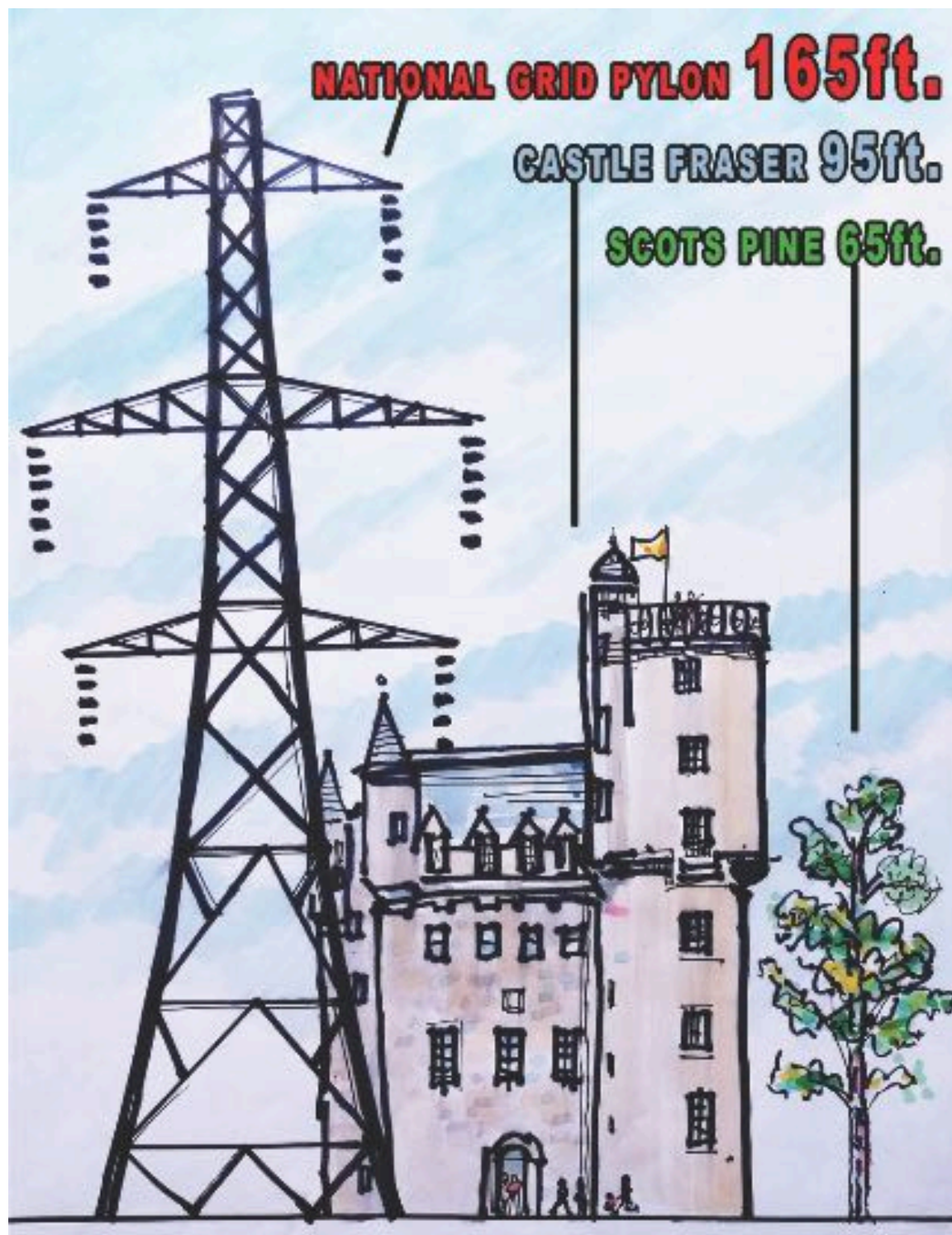
SSE's Overview of Projects

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- 1 Beaulieu – Denny
- 2 Beaulieu – Blackhillock – Kintore
- 3 Kintyre – Hunterston Link
- 4 Beaulieu – Mossford
- 5 Caithness – Moray HVDC
- 6 Dounreay – Mybster
- 7 Beaulieu – Loch Buidhe Reconductoring
- 8 Western Isles Link
- 9 Shetland Isles Link
- 10 East Coast Phase 1
- 11 Gills Bay Radial
- 12 Lairg – Loch Buidhe
- 13 Knocknagael – Tomatin
- 14 Inveraray – Crossaig Reinforcement
- 15 Beaulieu – Loch Buidhe Reinforcement
- 16 Melgarve Substation
(Stronelairg Wind Farm Connection)

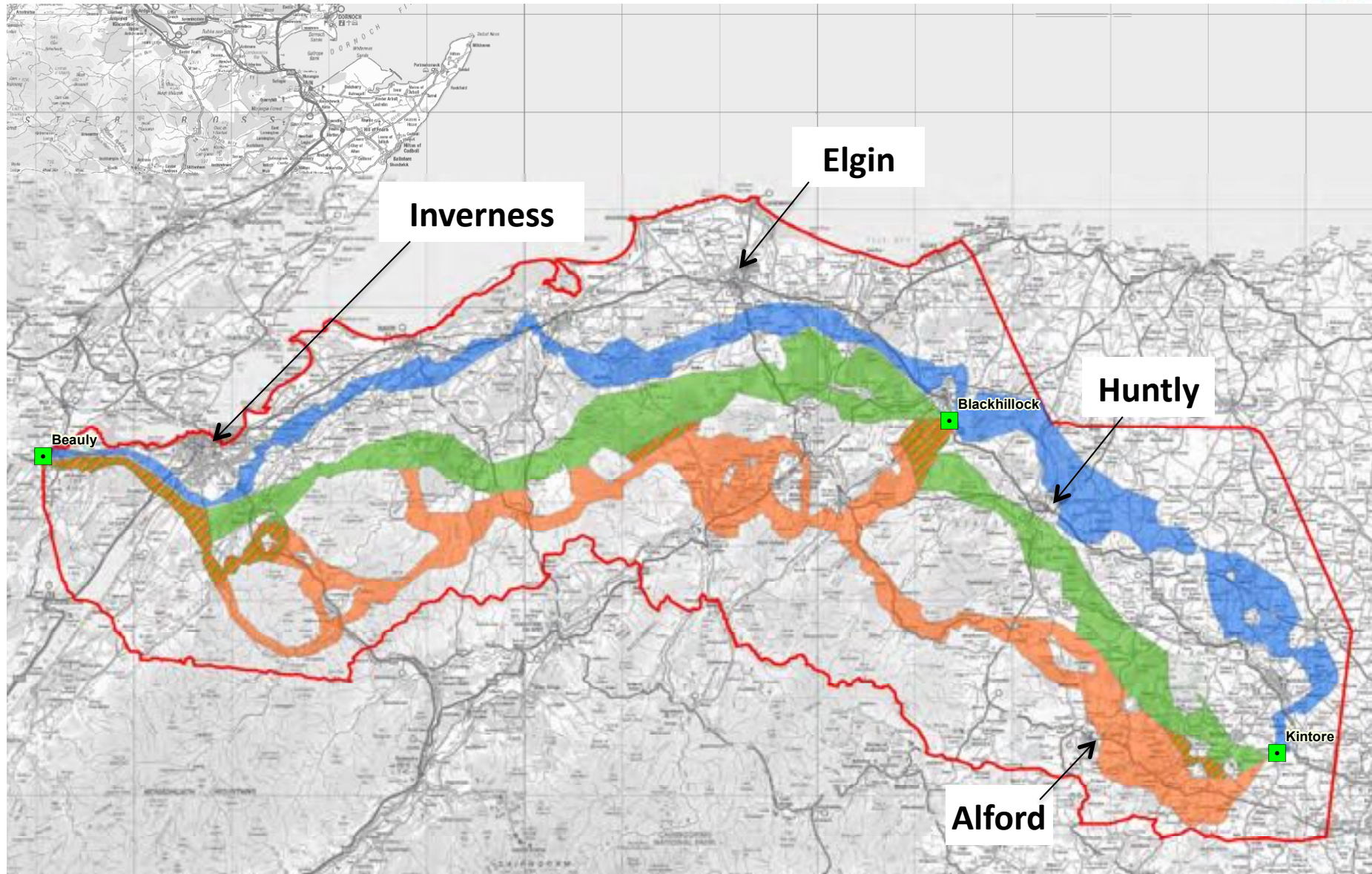
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SSE's corridors Beaulieu to Kintore

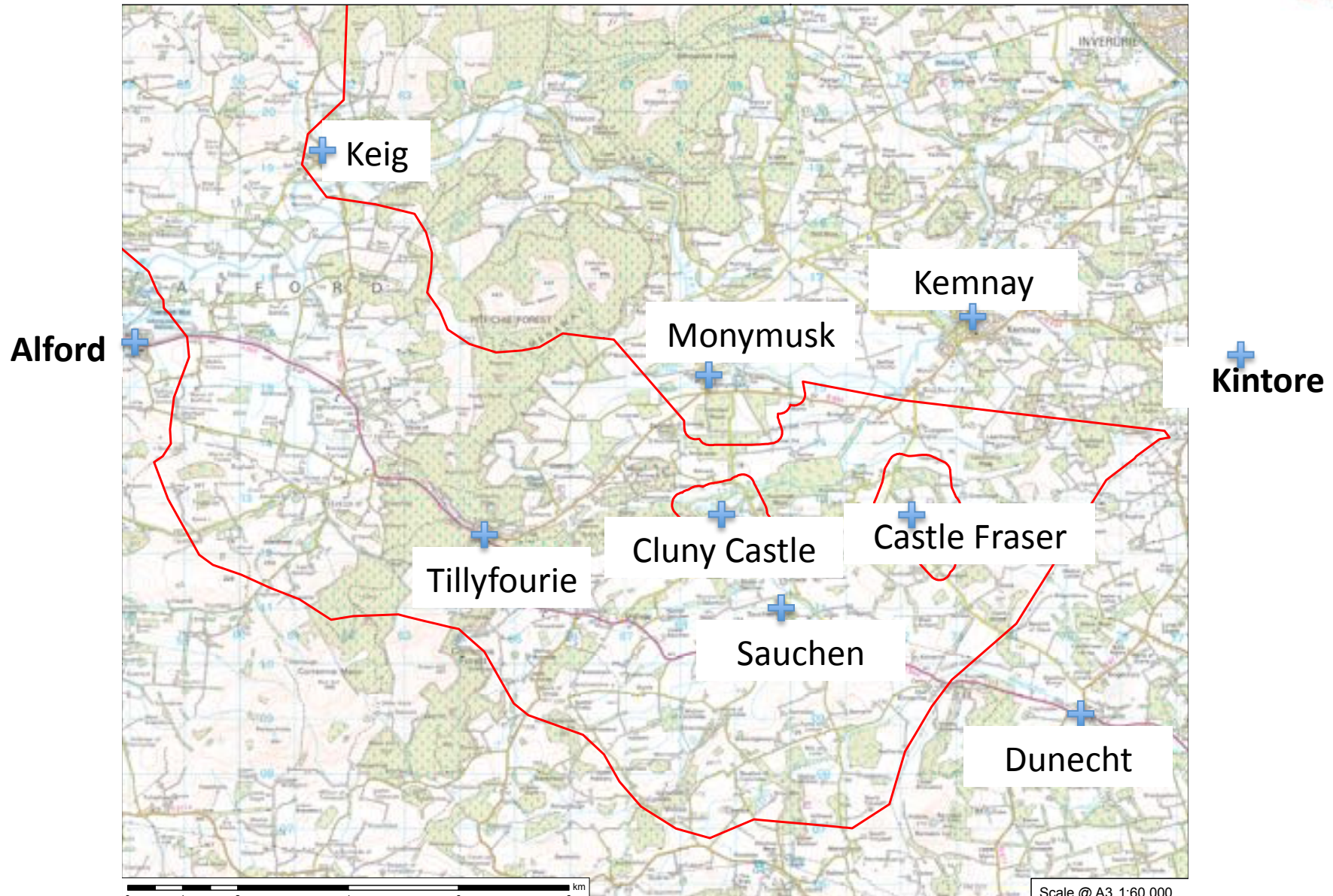
WAPA SAY
AND
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SSE's S corridor: Keig - Kintore

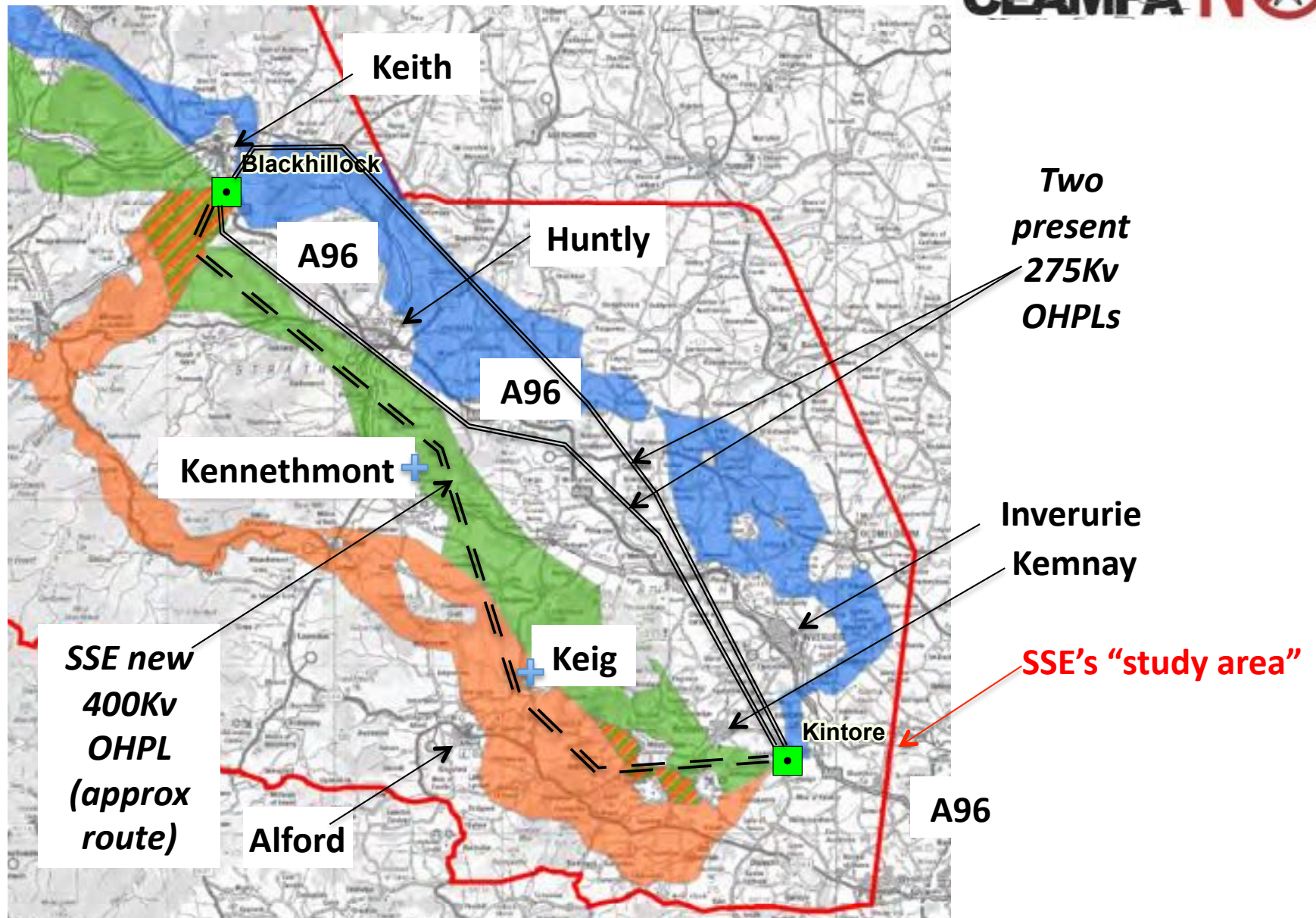
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SSE's corridors Keith to Kintore

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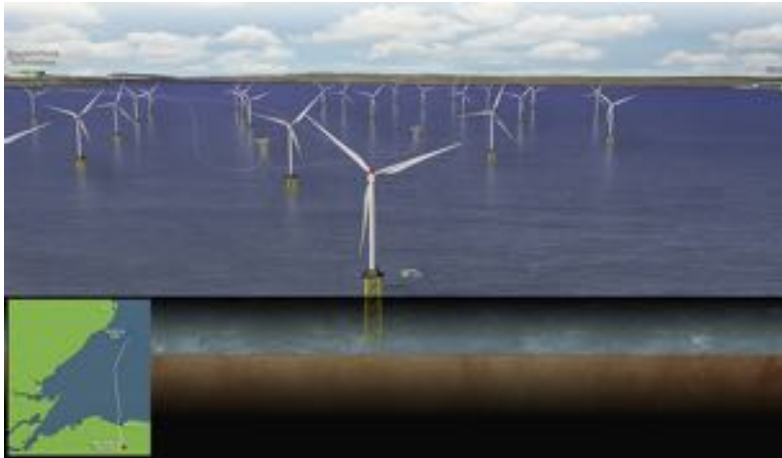


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Renewable Energy

- A clutch of massive renewable projects
 - **Some Scottish Projects:**
 - ✓ BOWL: Beatrice Offshore Wind
 - ✓ Maygen: Pentland Firth
 - ✓ Western Link – submarine HVDC transmission
 - **Contrast:** the varying methods of transporting this power
 - ✓ Menai Strait
 - ✓ £450M to underground pylons in 4 English National Parks
 - ✓ £200M to underground in Lake District
 - ✓ All SSE projects in England are underground or subsea
- **Consider the difference in attitude N and S of the border**

Beatrice Offshore Wind Ltd



- £2.6Bn Outer Moray Firth (BOWL)
- 84 turbines producing 588MW
- **SSE is 40% owner** (and operator)
- CIP (Copenhagen Infrastructure Partners, a **Danish fund** is **35%**
- **SDIC Power, a Chinese state company is 25% partner.**
 - **SDIC appears to be worth £53Bn**

BOWL (cont'd)



- Power from this project is to be connected to the grid at Keith via **submarine cable** to Buckie onwards to Keith/Blackhillock
- In SSE's words: "is expected to power approximately 450,000 homes (around three times the number of homes in the Moray and Highland regions)" - so that means that this new generation will have to be exported to South from Keith.

Pentland Firth energy

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- Seabed tidal power
- Meygen has secured a 15MW connection to the local distribution network managed by SSE
- Meygen has also secured a future connection to the high voltage transmission network with SSE for 398MW by 2020's
- 265 turbines planned at 1.5MW each
- **Built in Norway**
- “The site has good access to the grid” They say!!!!!!!!!!!!!!!!!!!!!!

Western Link HVDC

Why do we show this?



- National Grid and Scottish Power - joint venture to build the Western Link
- **£1 billion project** to transmit renewable energy from Scotland **to England and Wales**
- Construction by consortium of Siemens and Prysmian

Western Link (cont'd)

- Approximately 4km of **high voltage direct current underground cable** from Hunterston to a 'landfall' at Ardneil Bay
- A **subsea marine cable** approximately **385km** long from Ardneil Bay to Leasowe on the Wirral peninsula
- An **underground high** voltage cable of approximately **33km** underground through the **Wirral peninsula**

National Grid: Menai Strait



Aled Rowlands spokesman for the National Grid Stated:

A tunnel **under the Menai Strait** is set to cost £100m and take up to five years to complete.

National Grid said it would **use underground cables instead of pylons** between Anglesey and the mainland in Gwynedd.

He said:

“this would protect the Menai Strait's natural beauty”





The Cheviot the Stag and The Black Black oil

A most poignant, very telling play by John McGrath

➤ And what are we left with?

- We're becoming a conduit for electricity
- Grotesque, hideous infrastructure despoiling Scotland's unique and world famous landscape
- How many permanent jobs are left after construction? Not many!
- Where do the profits go? Elsewhere!!!
- Hence my (personal) and most earnest view that this is the 4th and as yet unwritten, sad chapter of The Cheviot, The Stag and The Black Black Oil

What We've Done

- www.clampa.org 86 on email list + 138 on Facebook
- www.wapa.org.uk 23 on email list + 50 on Facebook
- Public meetings Monymusk x 2, Kennethmont
- Voluntary contributions
- Printed posters, leaflets and banners
- Objections to SSE, Ofgem, NG
- Objections to MPs, A Salmond, Stewart Donaldson
- News items in P&J and others
- Holyrood - MSPs Burnett and Rumbles
- Consulted power distribution experts

From today?



Big Business and uncaring Government are steamrolling us

The only people that change the situation are **our politicians**

Reasons

- SSE plc are only doing what they are told
- Ofgem are only doing they are told – cheapest electricity
- ECU – does what they are told – just do it

Our politicians don't react to petitions – only individuals and the media

- Contact list hand out and on our websites

What to say?



- Renewables – fine, but transmission by 50 meter pylons through unspoiled country is not
- The demand is not in Aberdeenshire, it is much further south – so go directly to the consumer in the south
- Alternatives
 - A96 corridor:
 - upgrade the two existing lines there
 - If have to build a new line there, not through scenic unspoiled landscape
 - Submarine cable HVDC via new N Sea loop to where the consumers are further south
 - Underground via HVDC using recent technologies (Alstom, ABB, Siemens)

To whom?



Gordon	Alex Salmond (SNP)	House of Commons London SW1A 0AA email: alex.salmond.mp@parliament.uk
West Aberdeenshire	Stuart Donaldson (SNP)	House of Commons London SW1A 0AA email: stuart.donaldson.mp@parliament.uk
Aberdeenshire West	Alexander Burnett (Cons)	M2.16, The Scottish Parliament Edinburgh EH99 1SP email: Alexander.Burnett.msp@parliament.scot
Ofgem/GEMA	Kersti Berg Head of Ofgem Scotland	consumeraffairs@ofgem.gov.uk ???
SSE Project Mgr	Greig Taylor	Email: greig.taylor@sse.com



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Chairman



David Gray

Chief Executive



Dermot Nolan

Senior Partner,
Energy Systems



Andrew Wright

Senior Partner,
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Non-Executive



Nicola Hodson

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Jim Keohane

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Priya Sinha
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Paul Fisher
Associate Director

*Currently on secondment,
due back early 2017.

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Philippa Pickford
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Andrew Burgess
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Management and
Technology

Richard Fawcett
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Great Working Environment

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Sue Allis
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Ofgem E-Serve

Chris Poulton
Acting Managing Director

James Robinson
Interim Legal Director

Charles Hargreaves
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Renewable Energy

Gareth John
Associate Director,
Non-Domestic Renewable
Heat Incentive

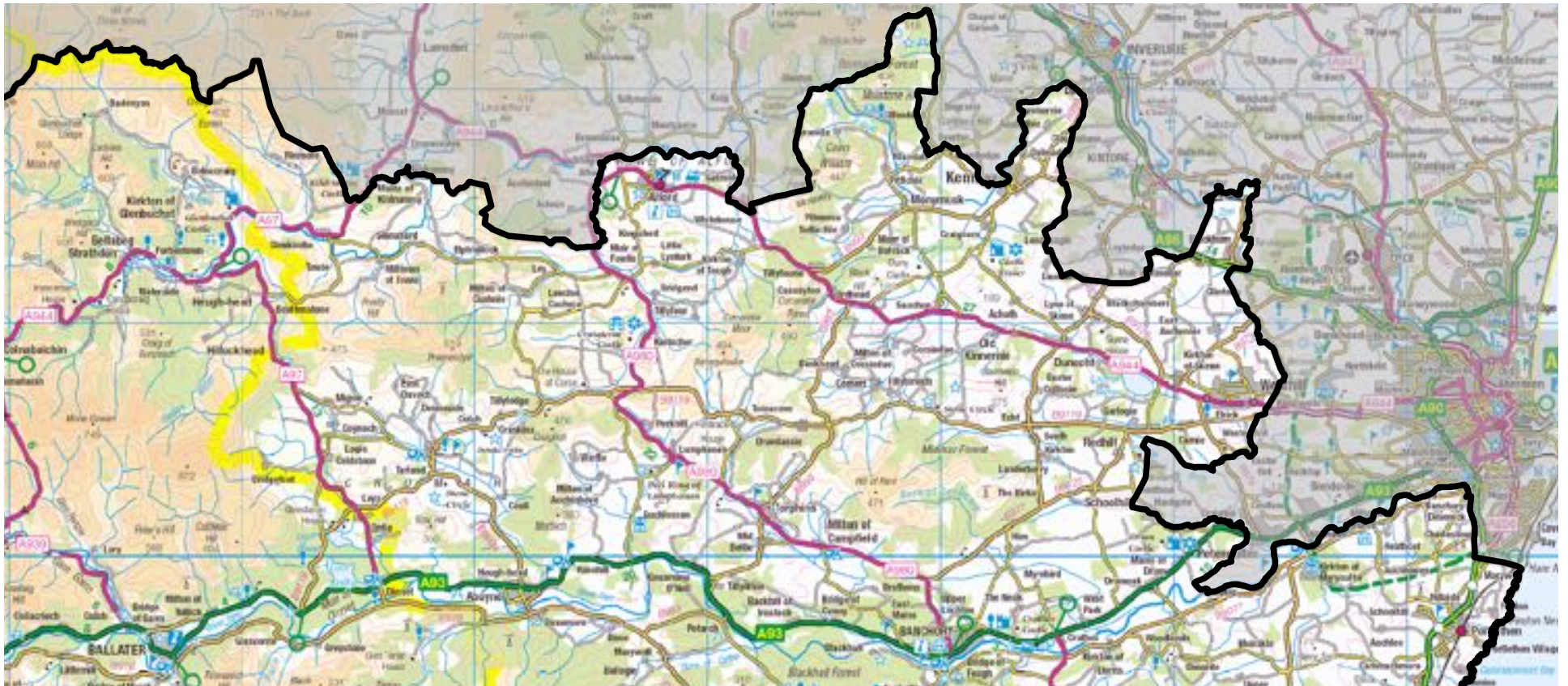
David Fletcher
Associate Director,
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Florentin Albu
Associate Director

Patricia Dreghorn
COO

Constituency Maps follow

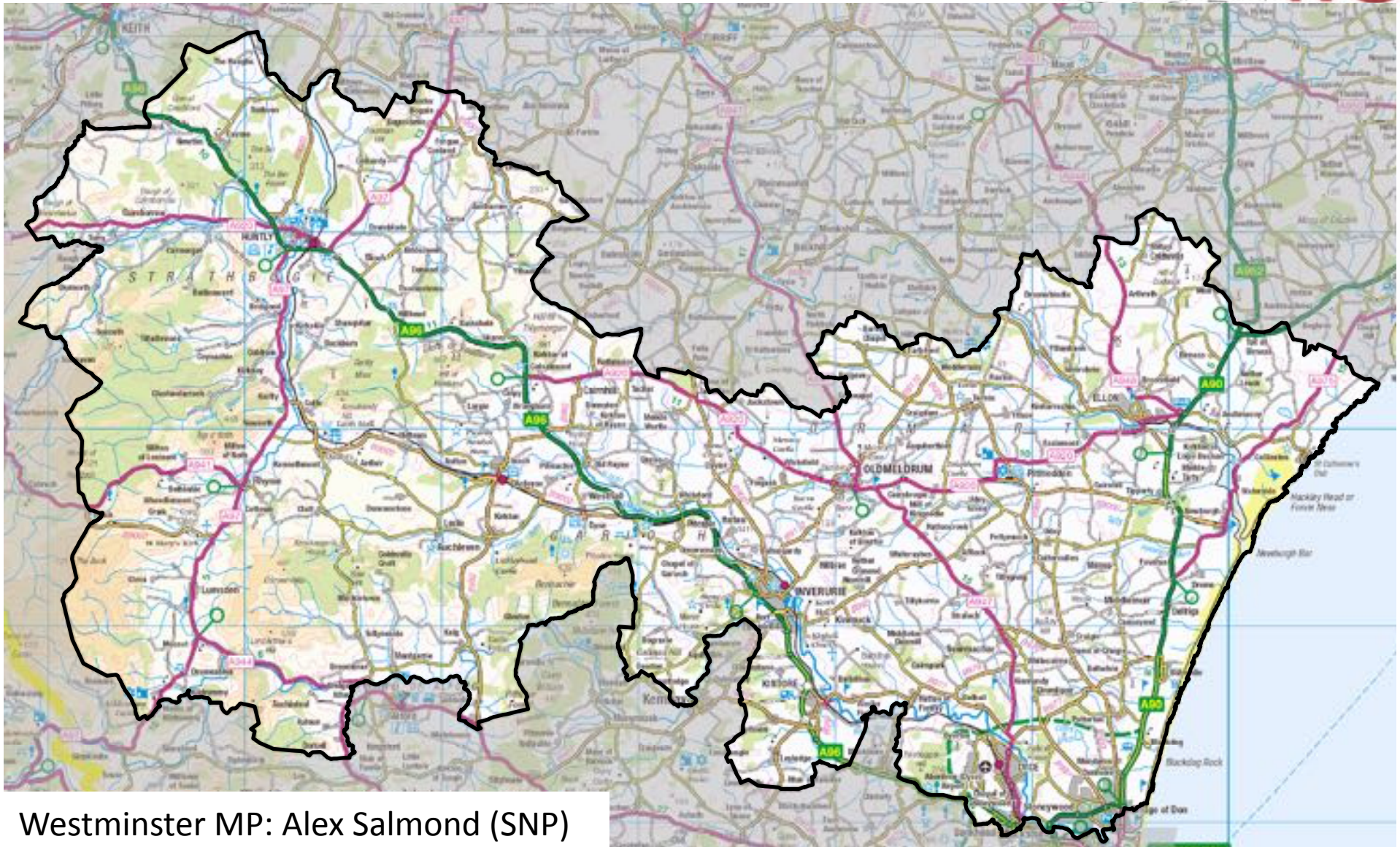
West Aberdeenshire (part)



Westminster MP: Stuart Donaldson (SNP)

Gordon

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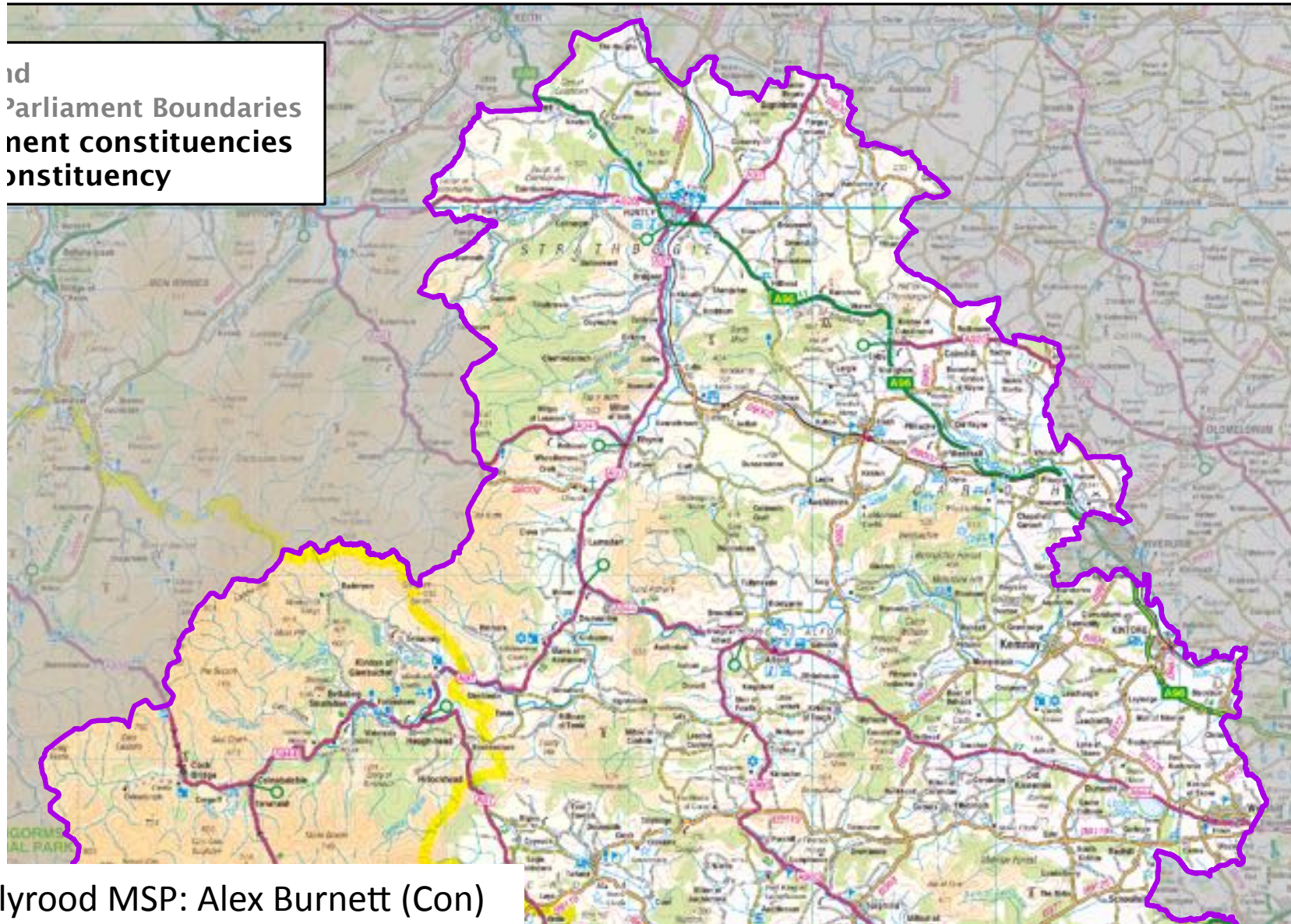


Westminster MP: Alex Salmond (SNP)

Aberdeenshire West (part)

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Parliament Boundaries
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Holyrood MSP: Alex Burnett (Con)