

NFLA (SCOTLAND) SCOTTISH UPDATE BRIEFING JUNE 2020

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Scottish NFLA 19th June 2020

BRADWELL B

Stage One - Consultation Document



NEW NUCLEAR STEAMROLLS ON

EDF submits DCO application for £18bn Sizewell C;

EDF hopes to fund the project using the RAB model; could be EDF's last ditch attempt using post-pandemic recovery funding;

Bradwell B consultation runs to 1st July; growing concern about Chinese involvement;

China is threatening to end its investments if Huawei is dropped;

Secretary of State for Wales says "real enthusiasm" for Wylfa Newydd – decision on DCO due September.



- ▶ EDF said 19th May it had submitted safety case for R3; & 29th May R4;
- ▶ Return to service est. 13th & 27th July;
- ▶ EDF to submit scoping requests to NAC for ILW store and processing facilities; shared use of Hunterston A store still an option;
- ▶ Discussions underway between BEIS, EDF & NDA, re future decommissioning of AGRs;

HUNTERSTON B UPDATE

- ▶ Cracks in graphite core are now expected to start appearing six years sooner than previously thought - 2022 rather than 2028;
- ▶ Cracking could cause debris to inhibit vital cooling of highly radioactive reactor fuel;
- ▶ “If keyway root cracking predictions are realised, then the safety case is unlikely to remain robust for the next ten years periodic safety review period,” observed ONR inspectors.



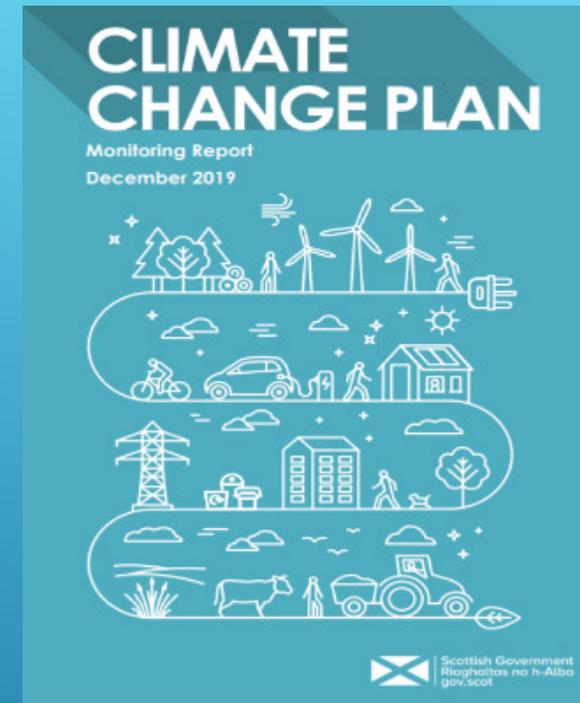
TORNESS



- ▶ Report by a newly formed 100percentrenewableuk, says nuclear instrumental in forcing National Grid to turn off large amounts of wind power in Scotland;
- ▶ wrong for wind power to be 'blamed'; Inflexible nuclear is switching off wind turbines;
- ▶ Essentially, cheaper windfarms turned off in order to protect production from nuclear This undermines renewables and increases the costs to the consumer;
- ▶ Scotland is about to hit its 100% renewable electricity target, but should go further.

100% RENEWABLES

- ▶ Updated Climate Change Plan postponed to end of 2020;
- ▶ CCC asked to report how the update can contribute to a green recovery in Scotland.
- ▶ Use climate investments to support economic recovery and jobs;
- ▶ Ensure the recovery does not lock-in greenhouse gas emissions or increased risk;



CLIMATE CHANGE PLAN

- ▶ Immediate steps are needed to support reskilling, retraining and research;
- ▶ build a climate-resilient economy;
- ▶ scale up housing retrofits & build new homes that are fit for the future;
- ▶ invest in low-carbon, resilient infrastructure - improved broadband instead of new roads;
- ▶ make it easy for people to work remotely, walk and cycle;
- ▶ expand tree planting, peatland restoration;



Committee on Climate Change

GREEN RECOVERY

Climate Assembly UK finalises work after members persevere through challenging 2020



- ▶ Big Climate Conversation to be followed by Citizens' Assembly;
- ▶ Climate action can improve people's lives so best to hear from them how to do it;
- ▶ We should be doing more and better democracy as part of tackling climate crisis, rather than forcing people to comply with directives;
- ▶ There are local processes going on all over UK. Deliberation with the public should be part of the normal way of running democracy.

CLIMATE ASSEMBLY

- ▶ 200 top economists;
- ▶ Global analyst firm McKinsey;
- ▶ IPPR Environmental Justice Commission;
- ▶ Mayors from many of the world's leading cities;
- ▶ Former Bank of England Governor, Mark Carney,
- ▶ TUC;
- ▶ 80 organisations – children's rights, health, housing, environment, international development & peace, churches;
- ▶



**SPENDING MONEY ON CLIMATE-FRIENDLY
“GREEN” POLICIES OFFERS BEST
ECONOMIC RETURNS**



- ▶ Wright Bus to rollout 3,000 hydrogen buses in UK built in Ballymena;
- ▶ East Lothian firm, Logan Energy to build container to transport green hydrogen produced at a wind farm in County Antrim to Belfast's public transport depot;
- ▶ Some annoyance that £50 million grant to fund new battery electric buses doesn't apply to H2;
- ▶ 300 homes in Levenmouth in Fife will have access to hydrogen within the next 2 - 3years;
- ▶ The UK Environmental Audit Cttee looking at hydrogen and whether Small Modular Reactors could be used.

HYDROGEN UPDATE

- ▶ Edinburgh-based Gravitricity to use old mine shafts as batteries to store renewable energy; demonstration project showcasing technology planned for Leith;
- ▶ SSE project underway to use excess wind to heat Highlands homes;



ENERGY STORAGE



- ▶ **Wastewater treatment facility between North Queensferry and Rosyth latest Scottish Water facility to go solar; now launched a tender for another 5MW;**
- ▶ **Gas-fired power station in Lerwick proposed as alternative to the Viking Energy wind farm and interconnector;**
- ▶ **Scottish Power plans to “repower” Scotland’s oldest commercial windfarm at Hagshaw Hill near Lanark**

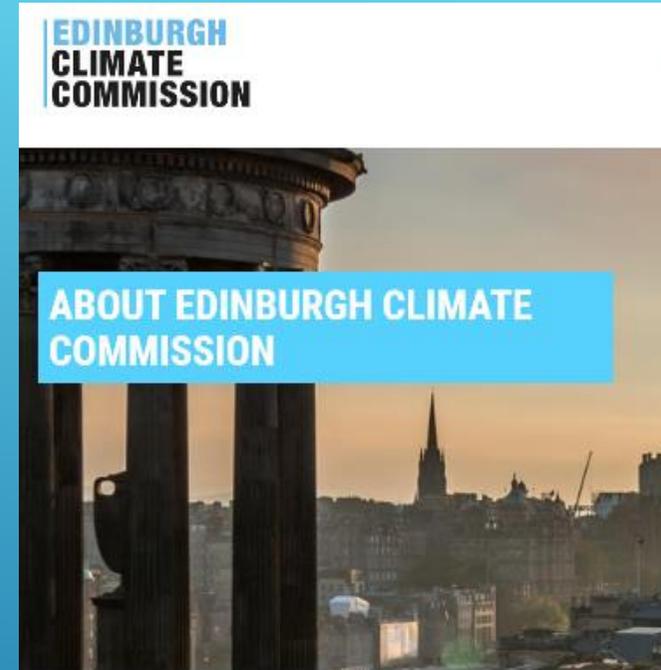
RENEWABLE NOTES

Edinburgh Climate Commission bringing together key organisations from across the city - private, public and third sectors.

Will publish a short paper by the end of June setting out key recommendations.

Principles to guide thinking are:

- ▶ 1. **GO FASTER:** Accelerate the transition to net zero;
- ▶ 2. **DO BETTER:** Measure what matters; judge success against more than economic indicators; include biodiversity, wellbeing and carbon reductions;
- ▶ 3. **BUILD STRONGER:** Unleash potential of local communities & producers; showcase innovation and positive adaptation; empower everyone to play their part in building a city resilient to future crises;
- ▶ 4. **THINK BIGGER:** Covid-19 has broken the belief that big change can't be done;
- ▶ 5. **BE BOLDER:** Use the voice as the capital of Scotland, to set the pace for climate action ahead of COP26;



EDINBURGH CLIMATE COMMISSION