



# Acorn Hydrogen and CCS

Gencomm event – Rox Hotel – 12<sup>th</sup> June 2019

Charlotte Hartley – Regulatory Pilot

Alan James - Managing Director & Team Maker

# Acorn: 3 linked projects



## Acorn Hydrogen

Hydrogen production from natural gas with CCS at St Fergus



## Aberdeen Vision Project

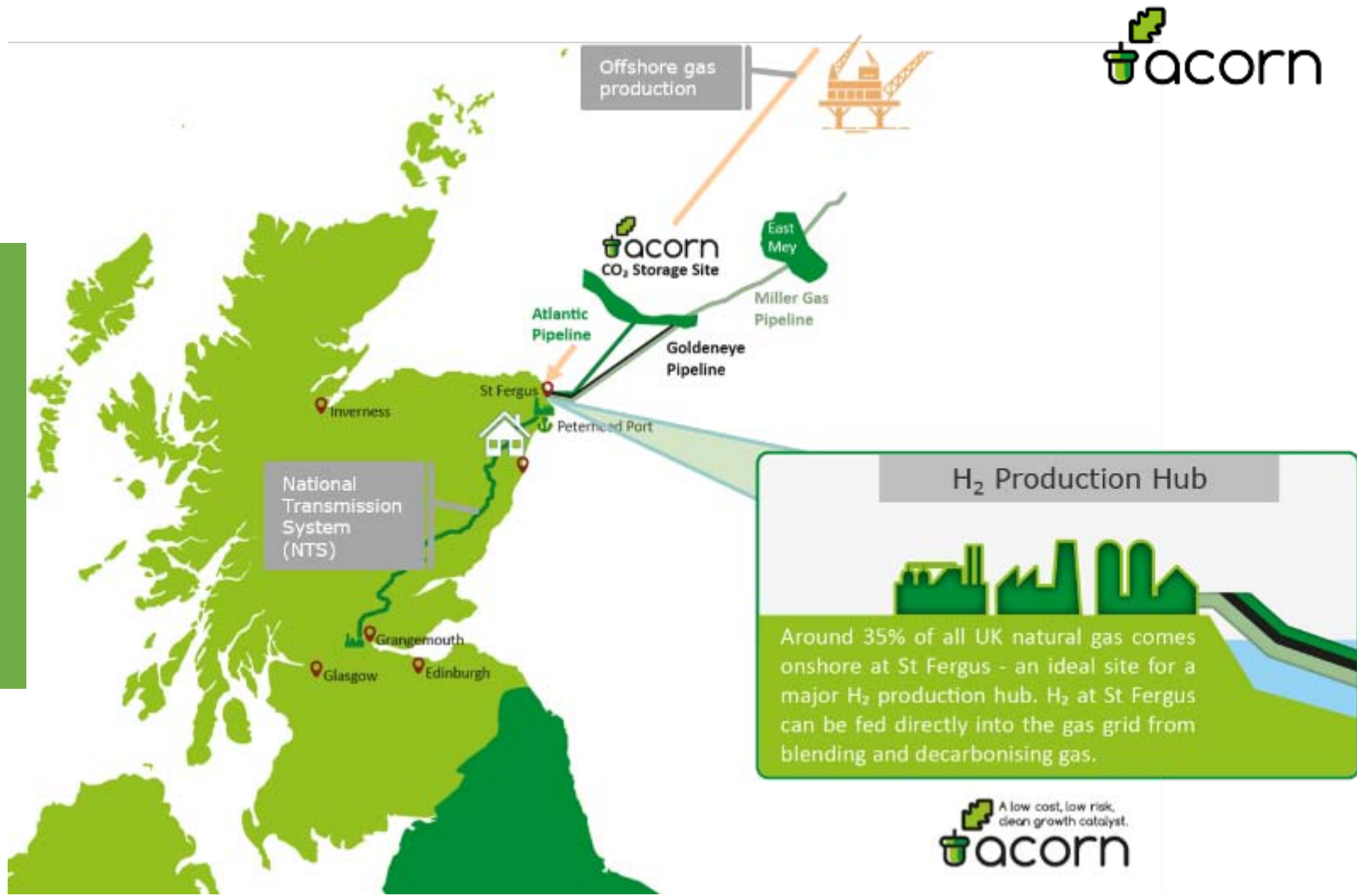
Export and applications for the hydrogen



## Acorn CCS

Transport and storage of CO<sub>2</sub>

# Acorn Hydrogen





# Acorn: St Fergus Gas Terminal



04/07/2019

Pale Blue Dot Energy Limited

[www.pale-blu.com](http://www.pale-blu.com)



# Acorn: St Fergus Location

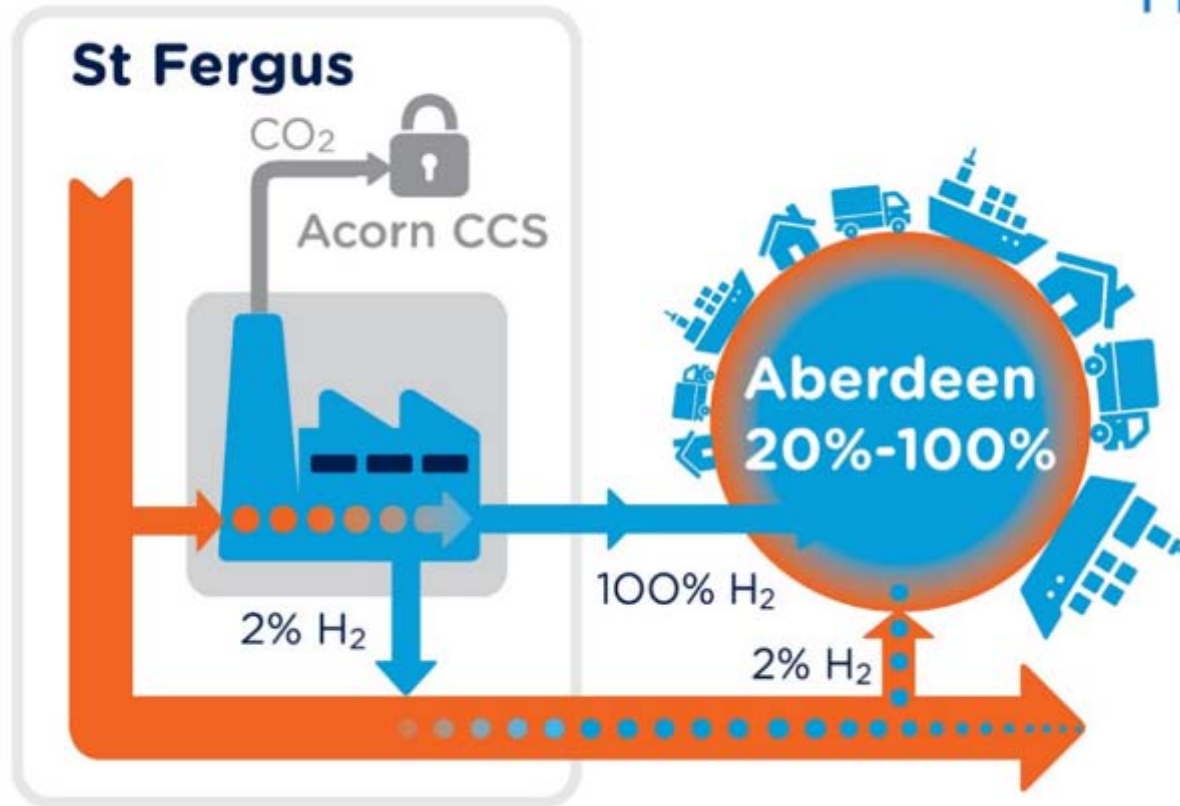




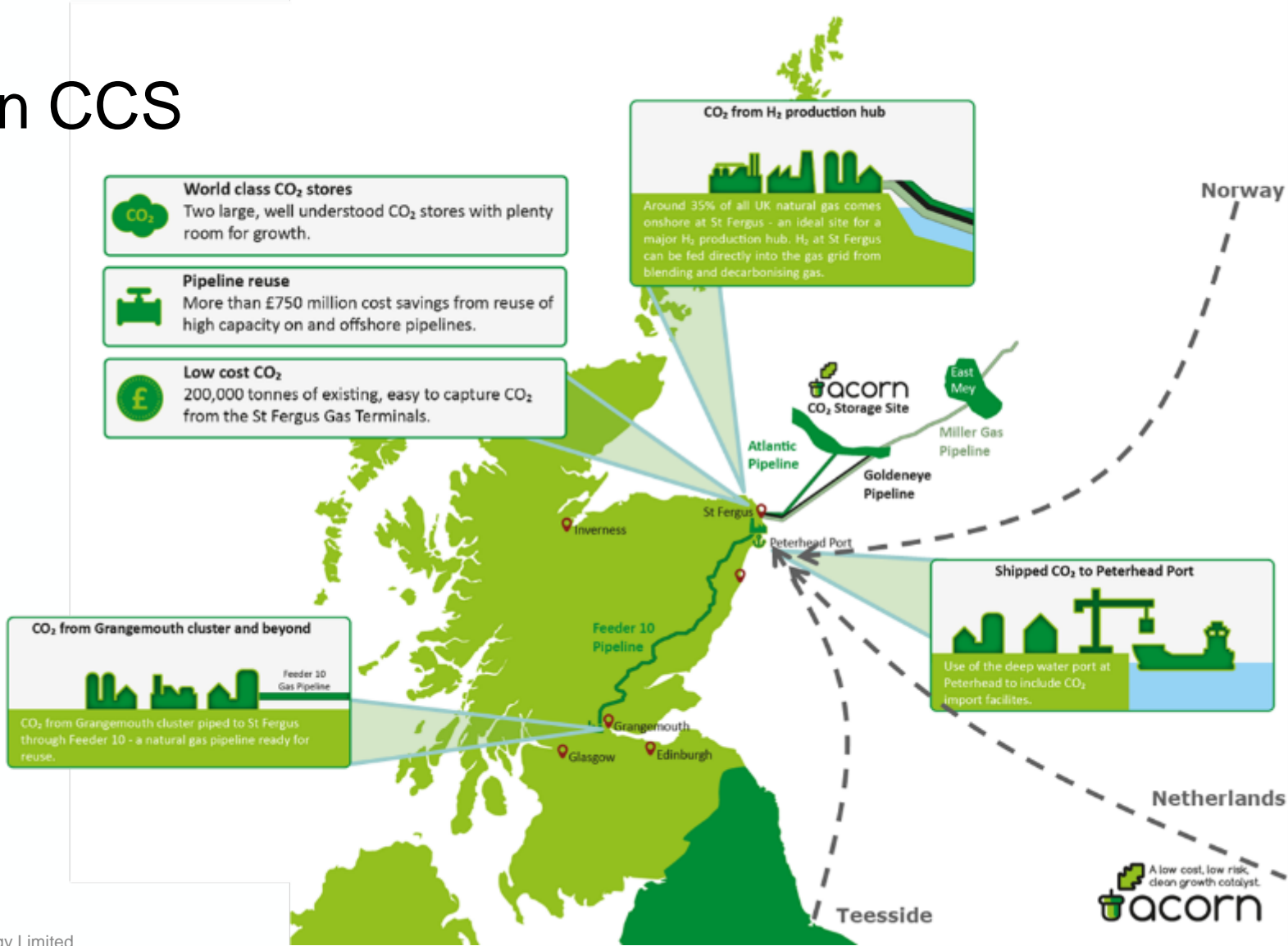
# Aberdeen Vision Project



nationalgrid



# Acorn CCS



# Acorn Project Status



**Oil & Gas Authority**

First OGA  
CO<sub>2</sub> Storage Licence



**Connecting Europe Facility**  
*Investing in Europe's growth*

First CCS project to be awarded PCI funding



**Pale Blue Dot.**



Department for  
Business, Energy  
& Industrial Strategy

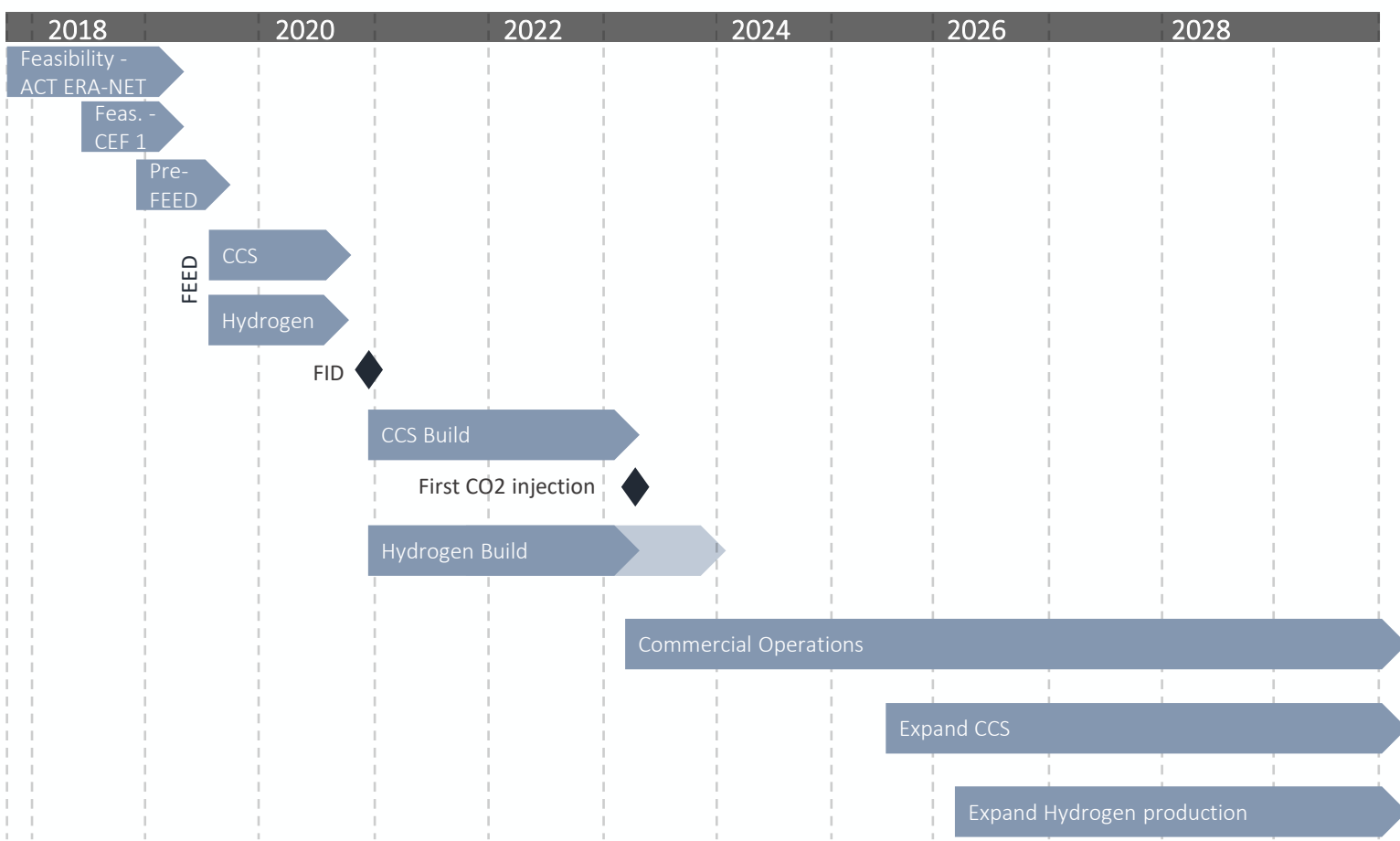


**The Scottish Government**  
Riaghaltas na h-Alba





# Acorn Project Plan



# Acorn Summary



## Acorn opportunity

- The first PCI funded project
- CO2 storage license in place
- Re-use of O&G infrastructure



## Acorn Hydrogen enables;

- Hydrogen blending into the NTS
- Local hydrogen applications
- Early learning for other regions



## Acorn CCS enables;

- Initiation of CCS in the UK
- Decarbonisation of multiple regions
- A CCS project by 2023

SAVE THE DATE

## Hydrogen: A Business Opportunity for the North Sea Region

Explore the opportunities that the transition to Hydrogen offers the regional supply chain.

1<sup>st</sup> October 2019 | Hilton Treetops - Aberdeen



Pale Blue Dot.

In partnership with:





**You are never too small to  
make a difference**

**– Greta Thunberg**

04/07/2019

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