

#h2nw

NORTH WEST DELIVERS HYDROGEN ECONOMY FOR THE UK

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DELIVERING THE
HYDROGEN
ECONOMY

North West

PROTOS

ENERGY • INNOVATION • INDUSTRY

WHERE ENERGY BEGINS

Delivering the Hydrogen Economy

Jane Gaston

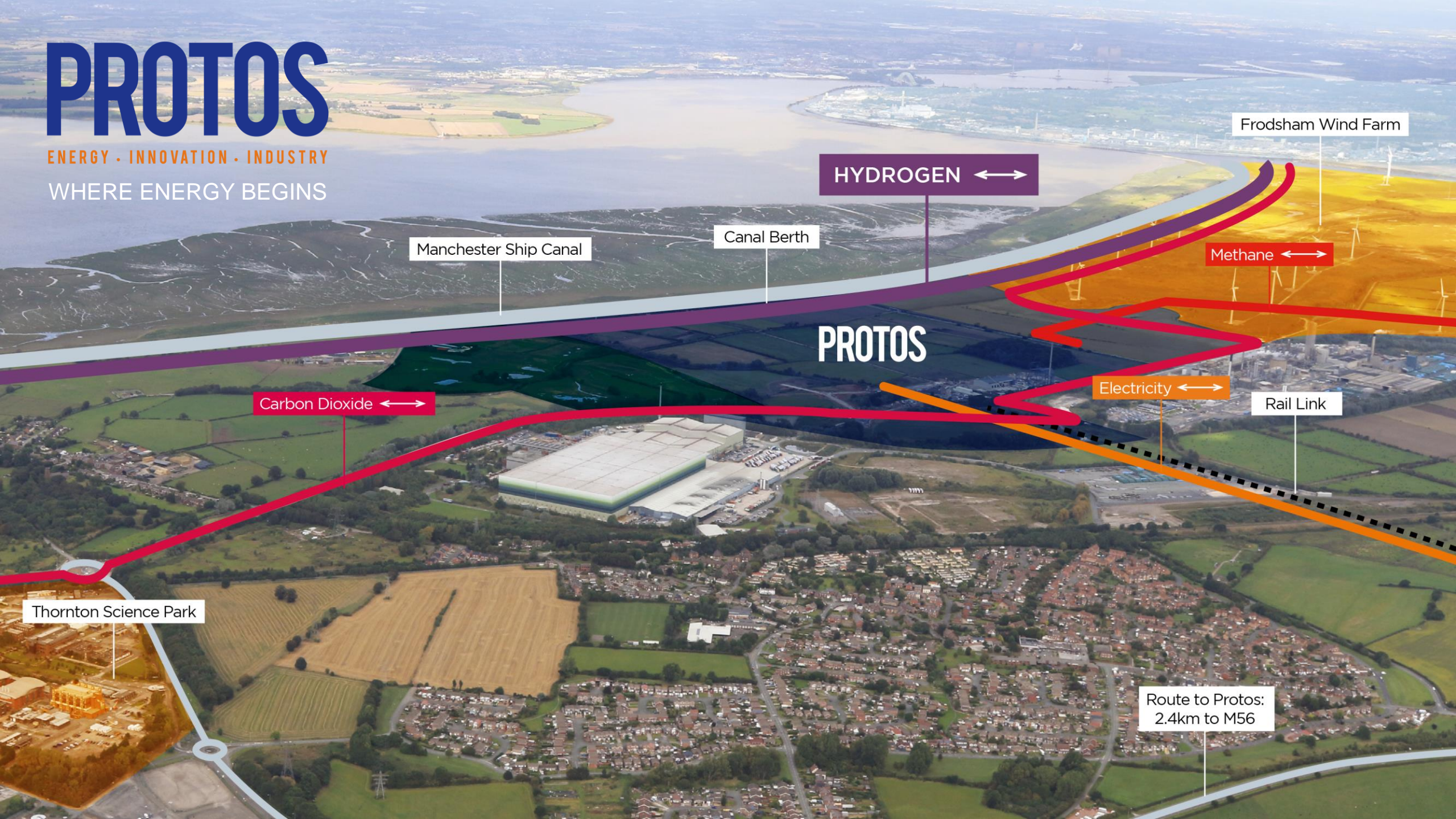
Development Director

PROTOS Peel Environmental

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Frodsham Wind Farm

HYDROGEN ↔

Manchester Ship Canal

Canal Berth

Methane ↔

PROTOS

Carbon Dioxide ↔

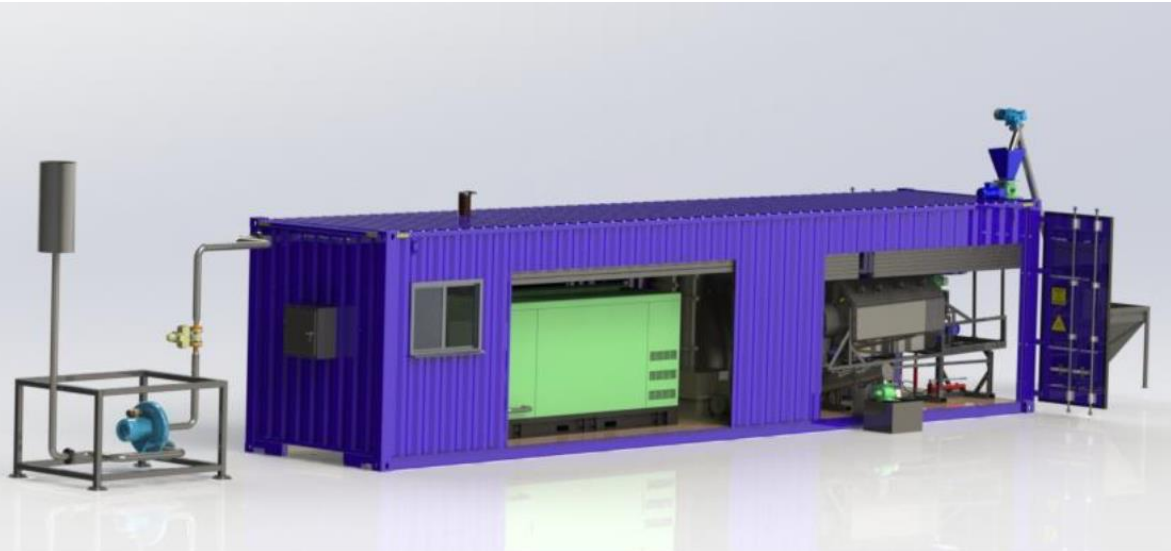
Electricity ↔

Rail Link

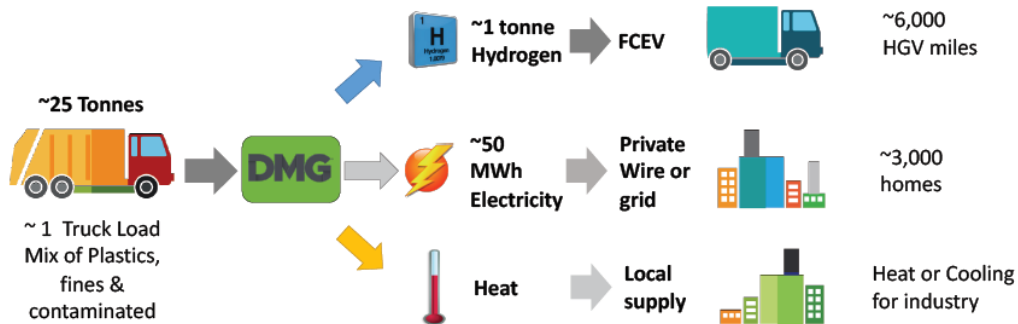
Thornton Science Park

Route to Protos:
2.4km to M56

SUPPORTING DELIVERY OF INNOVATION IN THE HYDROGEN ECONOMY



- £7 million facility processing non-recyclable plastic waste and using it to produce hydrogen
- Proof of Concept delivered at Thornton Science Park with commercial scale up at Protos
- Processes 25 tonnes of non-recyclable plastic waste per day
- A local source of hydrogen which could be used to fuel road vehicles helping to reduce air pollution
- Generating electricity which could be provided to commercial users at Protos or domestic consumers via the grid



PIONEERING ENERGY TRANSFORMATION IN THE NORTH WEST FOR THE UK

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Thank you

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