

#h2nw

A CONNECTED LOW CARBON TRANSPORT SYSTEM

MARK KNOWLES

LEAD OFFICER FOR LOW CARBON
LIVERPOOL CITY REGION COMBINED AUTHORITY



DELIVERING THE
HYDROGEN
ECONOMY

North West

Liverpool City Region's perspective on the Hydrogen Economy

Mark Knowles
Head of Energy and Environment
Liverpool City Region Combined Authority



Green

“I want our region to be at the forefront of innovation in sustainable technology and be a zero-carbon City Region by 2040. I want us to be a place that cherishes its natural assets, its green spaces, its ecology and its heritage.”

Why is Hydrogen important to Liverpool City Region?

- Long History
- Assets already in the ground and in production
- Expertise in our companies, universities, regulators and government
- Ability to scale and mainstream
- Offshore Wind as a recent reference point

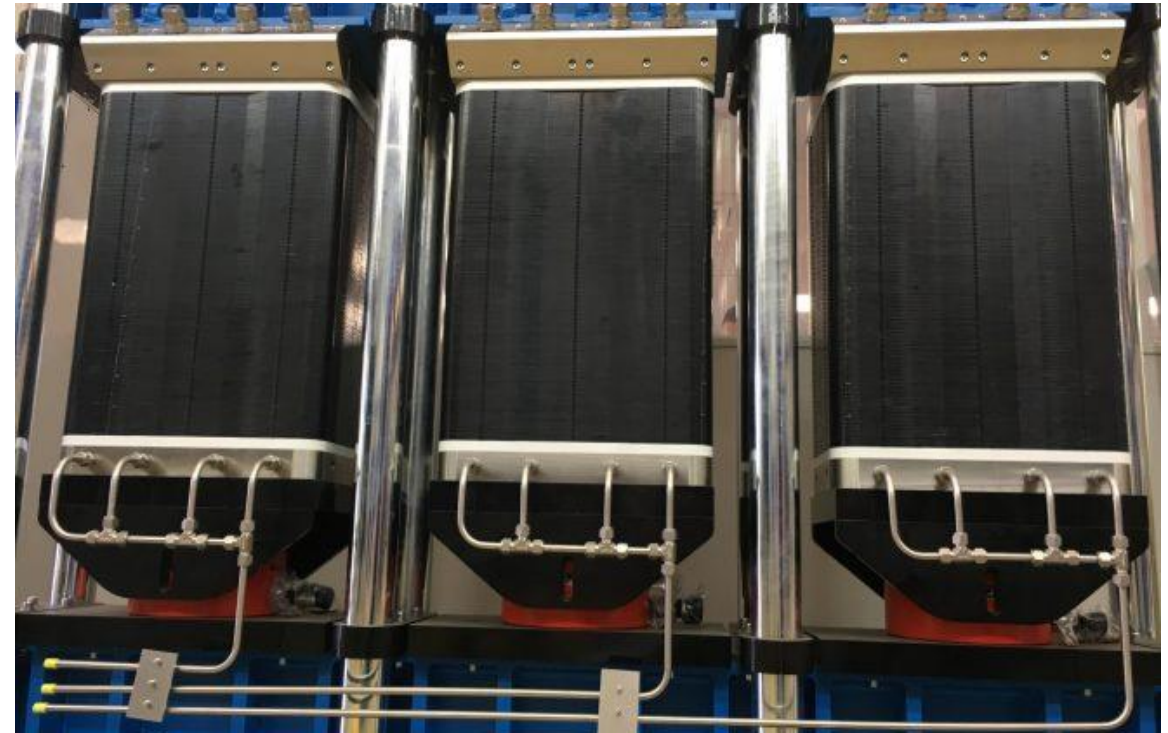
Two H2 Production facilities with pipeline networks



Home to leading H2 transport solutions



The LCR H2 Project Pipeline



Lessons we are learning

- We need to create new partnerships and create common cause
- We are all on a steep learning curve
- We need courage to lead
- We need to make Hydrogen visible and relevant to our communities
- We need to think mainstreaming and scale rather than endless pilots