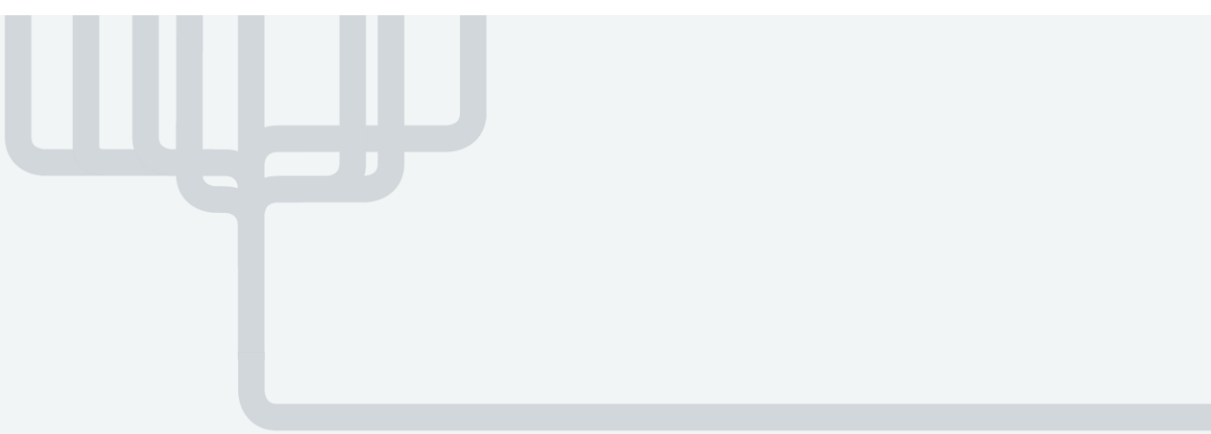
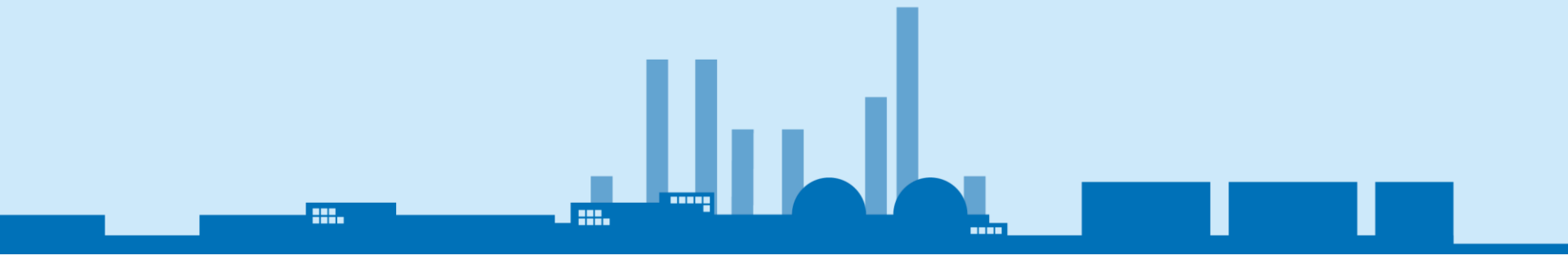


# Update – Q1 2016



Elaine Falconer  
Tees Valley Unlimited

# Background

- Cancellation of UK Commercialisation projects in Nov 15 ( White Rose and Peterhead)
- Paris Conference (COP21) supported reduction commitments
- UK Carbon budgets still in place (80% reduction by 2050)
- UK Energy policy under review

# Current Activities

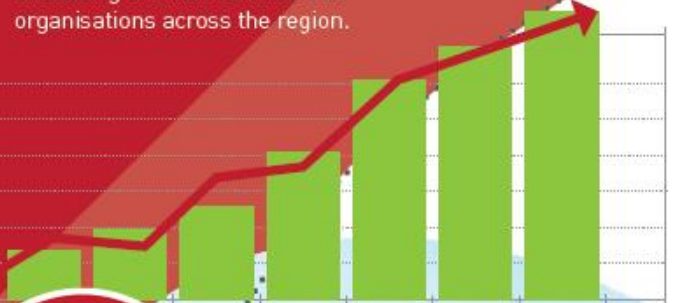
- Collective now includes Sembcorp
- Continued action to promote need for CCS
  - Visit by Lord Oxburgh chair of Carbon Capture and storage association
- Increased interest around utilisation/conversion of CO<sub>2</sub>
  - Commissioned Sheffield University to undertake a study of opportunities for Tees Valley
- Revised business case put to DECC for support whilst policy develops



**NORTH EAST**  
**HYDROGEN**  
**PARTNERSHIP**

## Overview

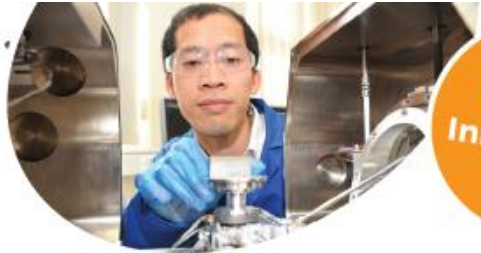
Engaging with emerging hydrogen technologies and taking advantage of leading H2 production capabilities in order to support the growth of existing and new commercial organisations across the region.



**Economic Growth**



## NORTH EAST HYDROGEN PARTNERSHIP



**Enable Innovation**



Facilitating the collaboration between industrial businesses and research organisations to develop innovative solutions to real world problems. Building links with other hydrogen partnerships to promote the benefits of a hydrogen economy



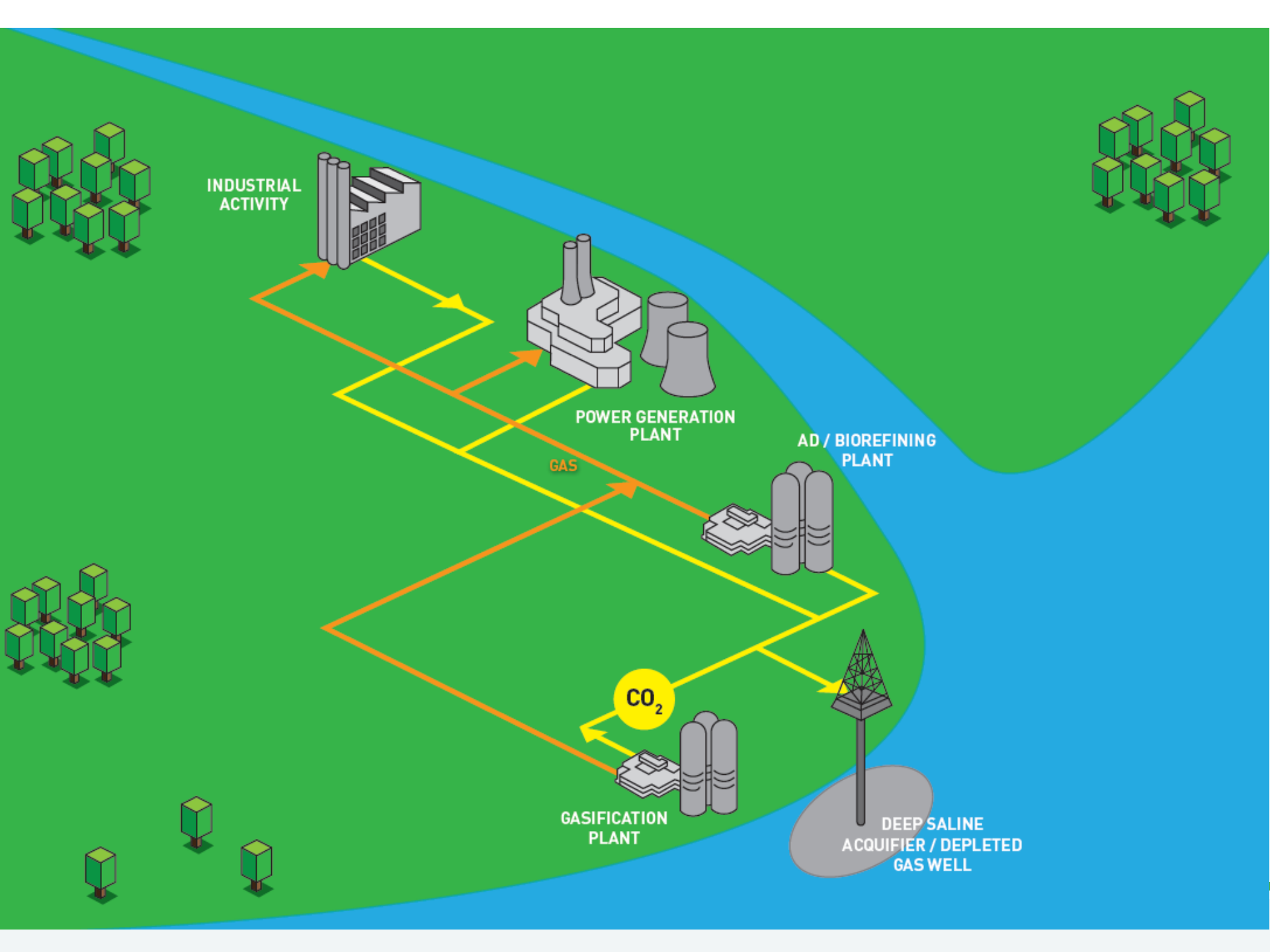
**Protect Our Environment**

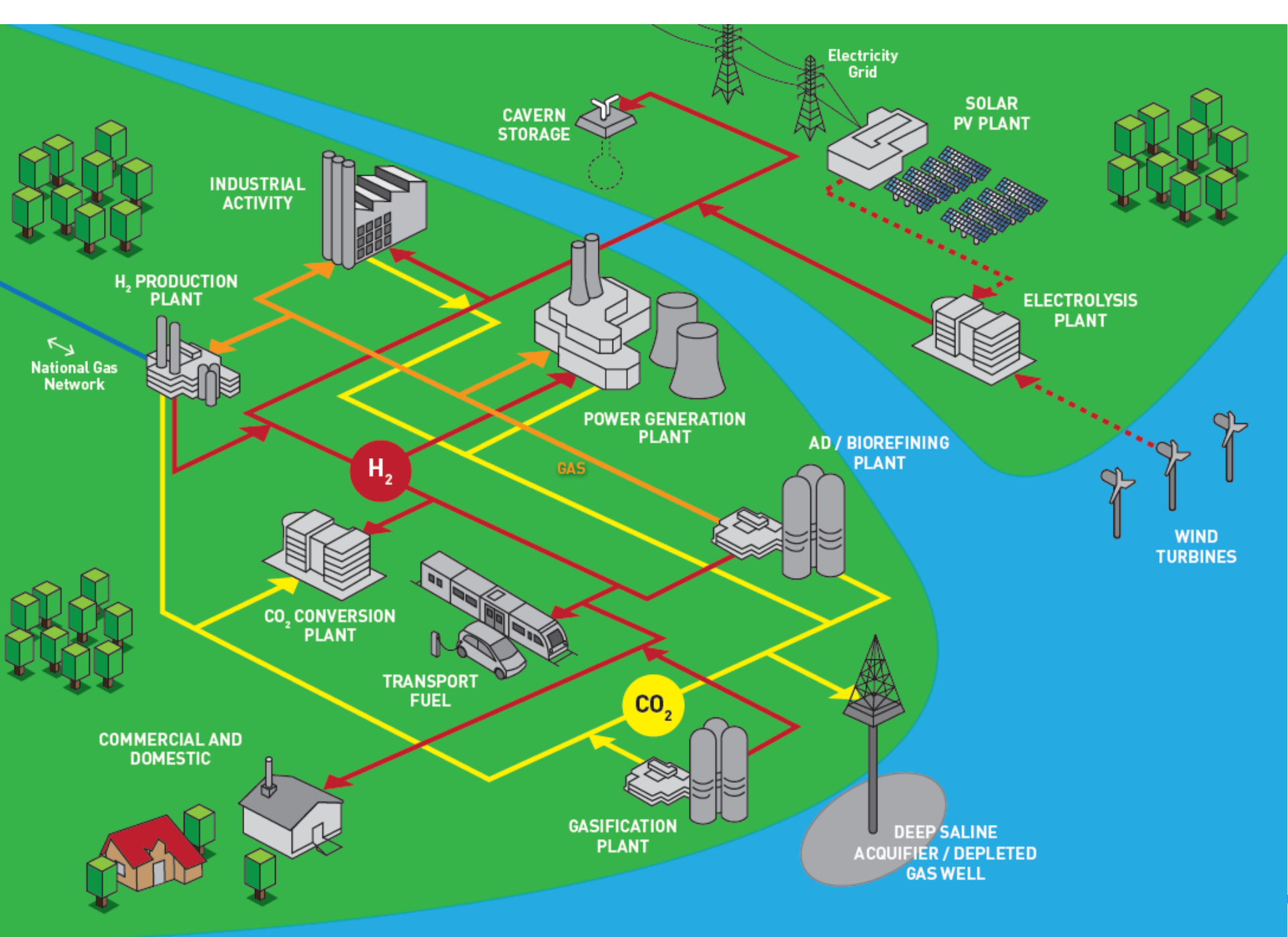
Supporting low carbon targets by focusing on the production of sustainable low carbon 'green' hydrogen and the development of low emission transportation.



**Promote Education**

Working with local education providers to generate awareness of hydrogen as a fuel of the future. Developing a sustainable skills base to support future hydrogen supply chains.





# Current Activities



- Attending the International Fuel Cell and Hydrogen Conference to promote the capabilities within the North East.
- Talking with the industrial organisation in the region to
  - gauge current application of hydrogen and future areas for development.
  - Identify capabilities and expertise.
  - Build links with new links between industry and R&D organisations.