

# *The Role of the Community In the Development of the Hydrogen Economy*

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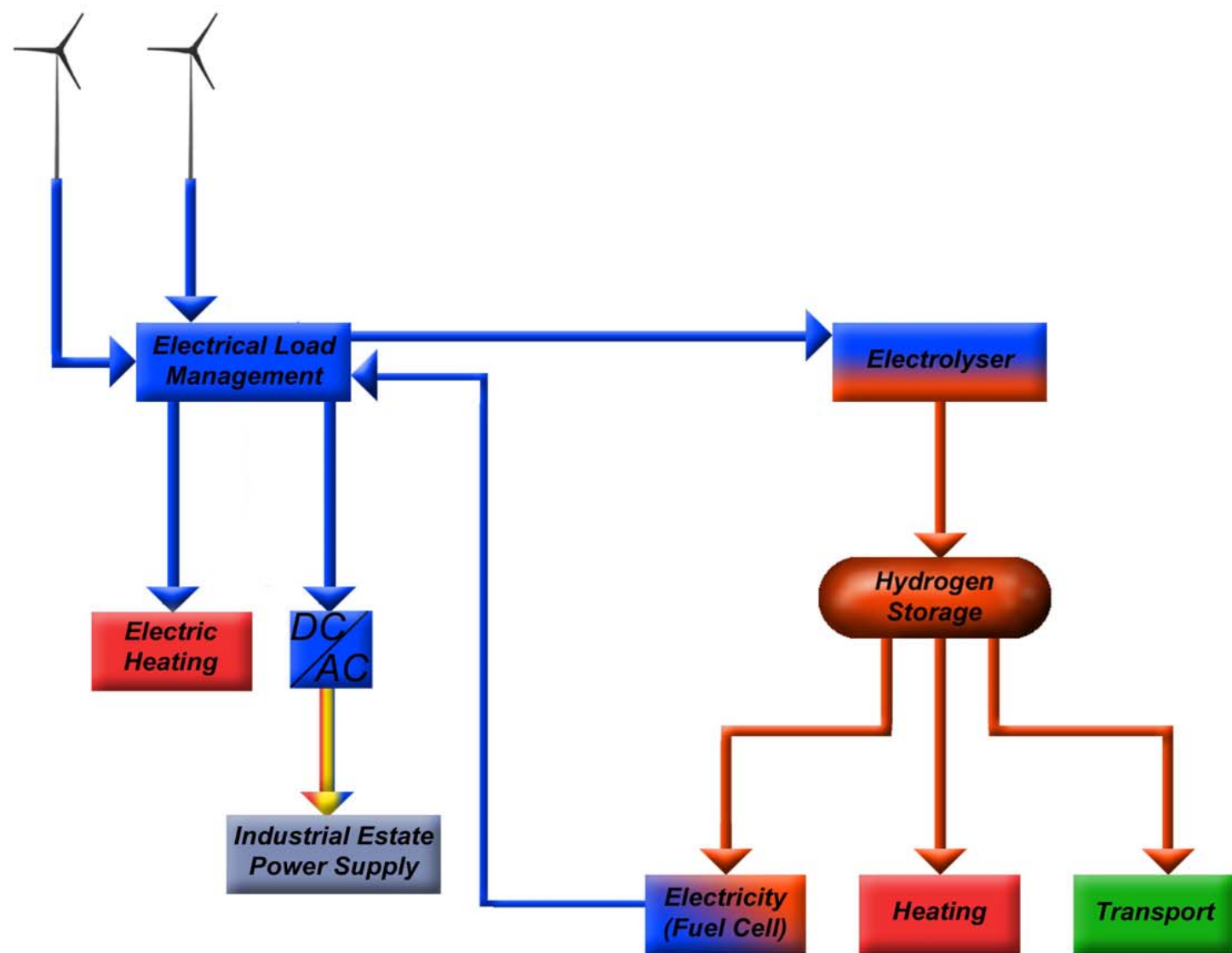
# What are our credentials ?



The Scottish  
**GREENENERGY**  
Awards 2003  
success in renewable energy



# PURE Energy System



# Community Hydrogen initiatives in Shetland

## PURE Project

Shetland KTP Research Associate with siGEN & RGU

Independent Feasibility Study for Hydrogen Energy Centre

Business Plan for H2EC

Participation by Shetland in FREDS Hydrogen Committee

Development of Shetland Hydrogen Strategy

Construction in Shetland of Ghost2 Eco-Marathon Car

Hydrogen Learning Activities in Shetland Schools

Support for Hydrogen debate in House of Commons

North Isles Energy Balance Study

# PURE Project - Founded on collaborations



# Why community involvement in the h2 economy?

Recognition of need to reduce carbon emissions and combat climate change.

Strategic Policy Priority for Industrialised Countries is  
"Energy Security"

Global Energy Demand to increase 3 fold by 2050

Global Energy Supplies decreasing – Oil production has peaked and investment in nuclear is currently capped

Need for New Energy Economy Mind Set :

Distributed Energy Production / Local energy production for local consumption = Thermostat Awareness & Energy Conservation/ Community responsibility for Energy Supply

# *What do you need for community hydrogen projects ?*

Vision

commitment

conviction based on sound principles

powers of persuasion

determination

honesty about performance

realism

thirst for knowledge & understanding

ownership & control over entire  
process

**resources**



# *Demand more sustainable energy policies now*

