

# HYDROGEN IRELAND

*MARK WELSH*



# Hydrogen Ireland



*The Association for Energy, Mobility, Industry & Community*



# H2IRL STRATEGIC VISION 2023 - 2025



## Public Policy Support

**1** *Be the voice of the Hydrogen Industry and Community to shape public opinion nationally and across EU and Globe*

No.	Objective
01	Development of Position Papers Hydrogen Ireland's vision for hydrogen at key intervals (2030s, 2040s etc.)
02	Engage & Raise awareness with relevant stakeholders on Hydrogen Ireland's vision ahead of Government Hydrogen Strategy release
03	Represent Ireland at EU conference s and event and identify funding mechanisms to support Communities and businesses create sustainable business models and environmental initiatives
04	Stimulate demand for hydrogen by contributing to policy and regulatory frameworks to create markets and end use sectors

## Champion Hydrogen

**2** *Champion hydrogen in the community as a mechanism to address Irelands fuel poverty*

No.	Objective
05	To foster collaboration between community, academics, industry and public bodies
06	To work with and provide recommendations to key stakeholders, such as policy makers, the business community, international agencies and civil society to achieve meet shared climate goals.  Stakeholders will include: young people, community, age friendly networks, industry, public sector, semi state bodies
07	Establish Community Hydrogen Champions: It is crucial that the public are informed of the benefits of hydrogen and educated on some of the myths.  Recruit community representatives to participate in hydrogen domestic fuel trials in collaboration with utility members.

## Hydrogen Enablers

**3** *Mitigate economic hardship and upskill economy and position Ireland as Hydrogen Economy leaders*

No.	Objective
08	Develop the training and support to ensure Ireland has a trained workforce to deliver our hydrogen ambitions
09	Annual Conferences to raise awareness of the Hydrogen Markets and communities.  Monthly Working Group meetings  H2Irl will host the World Hydrogen Convention Technology Ireland 2025 in Dublin. Similar bids will be made to position Ireland as Hydrogen Leaders on a global scale
10	Help Industry develop business models which will drive down the cost of fuel and leverage dependency on imported fossil fuels

# WHAT IS THE VALUE PROPOSITION OF HYDROGEN IRELAND?



- Promote the role of hydrogen and related technologies on the island of Ireland.
- Contribute to the introduction of sustainable clean technologies and processes for the benefit of the members and citizens on the island of Ireland.
- Advocate for a positive social, political and economic environment for the development of renewable hydrogen and related technology.
- Communicate the benefits of hydrogen and related technology on the island of Ireland.
- Co-ordinate hydrogen and related technology activities at a national level.
- Co-ordinate with other relevant National, European & Global associations/bodies to share and distribute knowledge.
- Give the hydrogen industry representation in policy formation.
- Give the hydrogen industry representation at relevant leading national & international forums.
- Promote best practices, safety and standards in the deployment of hydrogen and related technology.
- Train and educate members and citizens on the island of Ireland
- Organise national & international seminars, webinars, conferences & workshops.

# H2IRL BOARD OF DIRECTORS



	<b>Name</b>	<b>Affiliation</b>
<b>1</b>	Neil Morrow	Energia
<b>2</b>	Mark Welsh	Independent
<b>3</b>	Ian Williamson	HyConsultancy
<b>4</b>	Paul McCormack	Belfast Metropolitan College
<b>5</b>	Dr James Carton	Dublin City University
<b>6</b>	Dr Rory Monaghan	NUIG

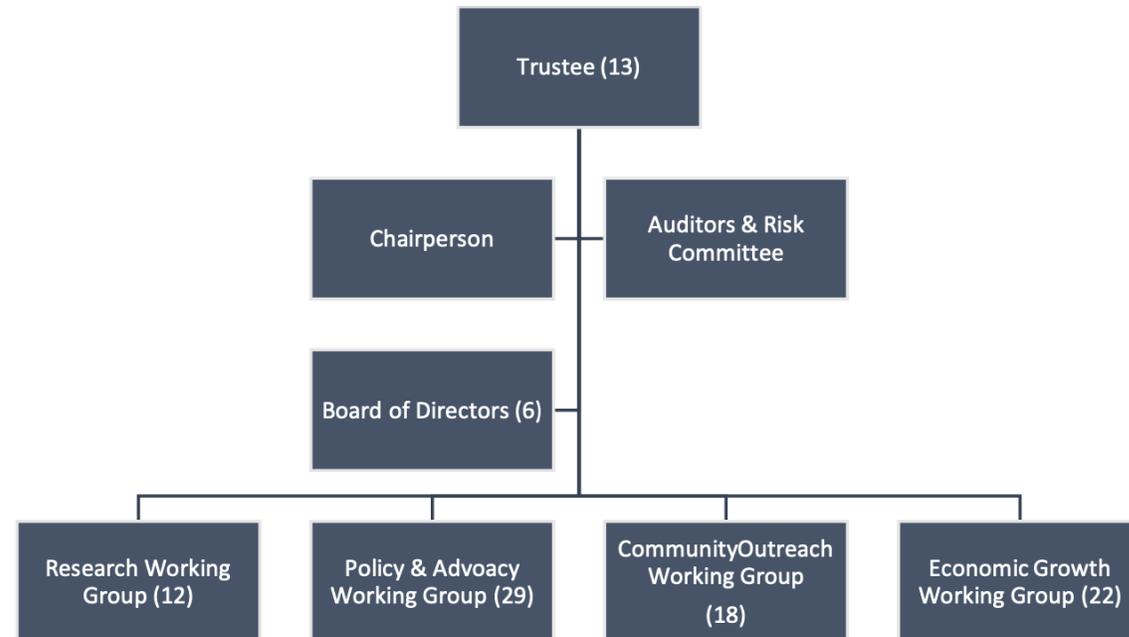


# TRUSTEES

	Name	Organisation	Areas of expertise
1	Catherine Joyce O'Caolli	ESB	Corporate Governance
2	Garrett Monaghan	Pinsent Mason	Policy and legislation
3	Tony O'Reilly	dCarbonX	Industry
4	John Smith	An Post	Energy communities
5	Rachel McCann	Indaver	Sustainability
6	Paul McCormack	Belfast Metropolitan College	EU & International Stakeholder engagement
7	Dr James Carton	Dublin City University	Research & development
8	Niamh Callanan	Irving Oil	Marketing & PR
9	Dr. Rory Monaghan	NUIG	Sustainable Environments
10	Neil Morrow	Energia	Fuel Poverty
11	Mark Welsh	Energia	Community Outreach
12	Brendan Kelly	Bord Na Mona	Energy security
13	Ian Williamson	HyConsultancy	Hydrogen Valleys



## H2Irl Governance Structure:



# STRUCTURE & WORKING GROUPS



Board and Executive level members

# H2IRL 2022 CONFERENCE HIGHLIGHTS

- ▶ The event was attended by over 350 people representing all areas of the energy industry. Minister Eamon Ryan made the key-note address where he highlighted the key role hydrogen will play in supporting the Irish off shore wind plans.
- ▶ A number of key take-aways from the conference were
  - We must start now and must learn by doing
  - A clear hydrogen policy must support this embryonic industry
  - Collaboration between developers, end users and engineering is essential

As the world faces continued climate change and energy challenges, it is clear that hydrogen will be part of the green energy solution. Hydrogen can be used to provide long term energy storage, long range heavy goods transport solutions, reduce green energy curtailment. Hydrogen is not a silver bullet but it will be part of the new energy mix that supports our imminent need to decarbonise our human activity.





# HYDROGEN IRELAND CONFERENCE 2023

Hydrogen – delivering a balanced pathway to net zero

27 – 29 November 2023

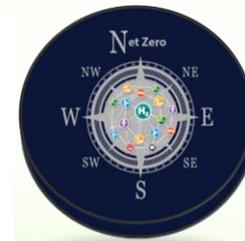
Titanic Belfast, Northern Ireland

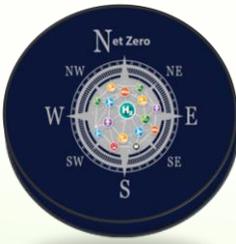


# ROLE IN HYDROGEN VALLEY

- ▶ Hydrogen Europe and active across all if the work groups
- ▶ H2Irl key architects of SH2AMROCK hydrogen Valley replication role ensuring clean energy connectivity across the island. Skills hubs and alignment with international training initiatives.
- ▶ Leading on H2 technical and project development highways

# MEMBERS OF HYDROGEN IRELAND ASSOCIATION





## AFFILIATED EU PROJECTS

- GenComm
- HyEnergy
- HySafety
- Hylite
- Heaven project

