	Action	Document	Status/Targets	History	Delivery Lead
1.1	Consider how Moray Council wish to take forward the development of a Hydrogen Economy within Moray	MHS	On hold	At present there are a lack of resources and expertise for creating an arms-length company. Rather the role should be one of a supporting facilitator of development by others. This could be revisited if circumstances indicate that an arms-length company would be required.	TMC
1.2	Continue to develop enhanced relationships with key partners and adjacent Councils. Establish a hydrogen steering group	MHS	Ongoing	Steering group established with HIE, UHI Moray, Hydrogen experts, renewable energy developers, Moray Council. Links made with Aberdeen City Council and businesses in Aberdeen	TMC
1.3	Establish a hydrogen stakeholder network in Moray	MHS	Ongoing	Online network established including community and education groups as well as industry. Online events have been held and a two-day event in Elgin	Hydrogen Steering Group
1.4	Investigate funding opportunities	MHS	Ongoing	Funding for 2022-24 from Just Transition Fund successful. This is to create a Phase 2 scoping report and Moray Council Fuel Switching Strategy. Report on Just Transition Fund spending and future project opportunities to be reported to Council summer 2024	TMC
1.5	Promotion and knowledge development of Hydrogen within schools and through Moray. Create web resources, bring in additional resources to maximise funding opportunities, economic activity and investment	MHS	On hold	On hold until resources allow this action to progress.	TMC
1.6	PILOT: Hydrogen vehicles in Moray Council Fleet. Possibly involving both hydrogen fuel cell and dual fuel (H2ICE) vehicles service. This would require hydrogen to be produced outwith Moray for refuelling at TMC depot. Pilot would include training and converting appropriate depot facilities.	FSS	Pilot vehicles from 2025 when resources, funding, and vehicle availability allow the project to proceed.	Fleet Hydrogen Fuel Switching Strategy to be integrated into Fleet Decarbonization Strategy and progressed when staff resources allow.	TMC
1.7	PILOT: Engage with industry to support the roll out of refuelling facilities in Moray. This could involve the creation of hydrogen hubs which would produce and distribute hydrogen.	P2S MHS	From 2027 onwards	Phase 2 scoping document created showing analysis of HGV movements and projected potential demand for hydrogen for vehicles and maritime vessels. Potential sites for a refuelling hub were analysed. The document aims to promote opportunities for developer involvement. The desirability of having production and distribution hubs will decrease if	TMC

Documentation: MHS – Moray Hydrogen Strategy
P2S – Moray Hydrogen Strategy Phase 2 Scoping
FSS – Fuel Switching Strategy

				large scale production of hydrogen is developed in Moray – this would mean the sites would only be required to distribute hydrogen	

Aims: By early in medium term, there should be an aim to have developed a network of hydrogen refuelling stations. This will allow new HGVs and large-vehicle fleets to be hydrogen fuelled. For industry, the supply will need to be in place and proven to allow the financial commitment of a complete switch to hydrogen vehicles to occur. The significant increase in demand occurs during the medium term and there is the opportunity to utilise offshore wind power (e.g. Caledonia Wind Farm) to expand hydrogen production based on offshore wind power.

In addition, it is the current SGN policy that the SGN gas network will be repurposed during this timeframe to provide heating for homes using hydrogen with delivery by pipeline. Therefore, towards the end of 2030s, there is a strong likelihood for hydrogen to be used for domestic heat alongside other energy sources.

Aims: In this period, there should be consolidation of the hydrogen production facilities within Moray and identification of opportunities for the further expansion and growth of the hydrogen economy in Moray.

From 2040 onwards as technologies improve and bring down costs, there is the potential for the development of smaller scale community projects (particularly for areas that are “offgrid”). As well as allowing energy to be created and used at source, it creates increased resilience within the energy network and offers the opportunity for communities to be self-sustaining.