

Future Energy Exports (FEnEx) CRC

MILESTONE SUMMARY TABLE

Research Program	Output	Milestone Number	Milestone Description	Milestone Start Date (Grant Agreement)	Milestone End Date (Grant Agreement)
Research Program 4: Market & Sector Development					
RP4 Market & Sector Development	Significant contribution to the objectives of RP4 Market & Sector Development	4.0	Generally aligned with the goal of driving Market & Sector Development but not specifically aligned with any of the other RP4 Milestones	1/7/2020	30/6/2030
RP4 Market & Sector Development	Hydrogen energy market futures map: visual representation of spatio-temporal patterns and trends driving hydrogen energy export market development	4.1.1	Artificial intelligence information harvesting techniques utilized to develop draft trends and megatrends for high potential hydrogen energy export markets	30/6/2021	31/8/2024
RP4 Market & Sector Development	Hydrogen energy market futures map: visual representation of spatio-temporal patterns and trends driving hydrogen energy export market development	4.1.2	Spatio-temporal visualization produced detailing trends and megatrends for hydrogen export markets	1/7/2024	30/6/2027
RP4 Market & Sector Development	Hydrogen and LNG energy market development diagnostic: barriers and drivers of domestic market (resources, heavy and maritime transport sectors) and export market (shipping) opportunities	4.2.1	Mapping of key industry, government and community stakeholders in hydrogen and LNG energy supply chains, with key barriers and drivers of energy product usage identified	1/7/2020	30/6/2021
RP4 Market & Sector Development	Hydrogen and LNG energy market development diagnostic: barriers and drivers of domestic market (resources, heavy and maritime transport sectors) and export market (shipping) opportunities	4.2.2	Generation of final spatio-temporal maps for hydrogen and LNG energy market futures, and diagnostic tools for energy industry to drive domestic and export market adoption of product	1/7/2026	30/6/2029
RP4 Market & Sector Development	Hydrogen and LNG energy market development diagnostic: barriers and drivers of domestic market (resources, heavy and maritime transport sectors) and export market (shipping) opportunities	4.2.3	Industry workshops, conference and event presentations and publication of industry documentation to facilitate engagement	1/7/2029	30/6/2030
RP4 Market & Sector Development	Regulatory and policy framework and communication strategy for hydrogen energy industry development to balance hydrogen export market growth with sustainable and affordable domestic supply of energy	4.3.1	Evaluation of LNG reservation policy and comparison of the distribution of economic benefits between industries between East and West Coast domestic markets for LNG	1/9/2020	31/8/2022

RP4 Market & Sector Development	Regulatory and policy framework and communication strategy for hydrogen energy industry development to balance hydrogen export market growth with sustainable and affordable domestic supply of energy	4.3.2	Policy recommendations and community guidelines developed and disseminated for effective interventions to balance the needs of export and domestic market development to industry and government	1/7/2022	30/6/2025
RP4 Market & Sector Development	Detailed regional input/output supply chain map and stakeholder analysis to accommodate the emerging hydrogen export capability.	4.4.1	Analysis of key barriers to coordination across government, industry and community stakeholders necessary to achieve supply chain transitions to future energy product sectors Mapping and stakeholder analyses findings disseminated to relevant stakeholders	9/1/2020	31/8/2023
RP4 Market & Sector Development	Technology adoption diagnostic instruments and intervention models to support the development of firm and human resource capabilities to utilise new energy technologies developed in Programs 1-3.	4.5.1	Diagnostic tools piloted with employee surveys across energy businesses to assess and model barriers and enablers to technology adoption and innovation.	1/7/2025	30/6/2026
RP4 Market & Sector Development	Technology adoption diagnostic instruments and intervention models to support the development of firm and human resource capabilities to utilise new energy technologies developed in Programs 1-3.	4.5.2	Models for improving business structures, systems and processes to support energy technology uptake developed and refined using data collected and stakeholder interviews	1/7/2025	30/6/2028