

	Implementation schedule	Physically/re motely	Contact hours	Autonomous work for students (max hours)	Learning outcomes
Activity 1	Port-wide sustainability ambitions; long strategy; operational realities of electrifying a live port; governance, risk and phased delivery. Delivered by John Murphy, Head of Sustainability at Rosslare Port	Physical	1	2	Develop foundational knowledge of sustainability frameworks and port operations.
Activity 2	Policy context; infrastructure investment; sequencing, uncertainty and delivery considerations across the value chain – Delivered by Conall Bolger, CEO Trifecta Ireland	Physical	1	2	Engage with real-world applications of sustainability – focus on policy
Activity 3	Demand flexibility; community and social value; translating energy system benefits into visible local outcomes	Physical	1	2	Engage with real-world applications of energy systems and electrification– focus on community and local outcomes
Activity 4	Energy systems and grid capacity; flexibility, Innovation and Funding	Physical	1	2	Engage with real-world applications of electrification and grid capacity
Activity 5	This facilitated design sprint builds directly on the system understanding developed through the site visit and expert	Physical	2	4	synthesise insights from the day to clarify the key constraints, risks and

	contributions. Working collaboratively, participants will translate their insights into clear “How might we...?” challenge statements that define meaningful opportunity spaces for action. Examples include: • <i>How might phased port electrification be enabled while managing grid constraints and operational risk?</i> • <i>How might a microgrid approach strengthen energy resilience while delivering community co-benefits?</i>				uncertainties shaping port electrification, and to identify where targeted intervention could unlock wider system benefits.
Activity 6	Students work in groups to research, prepare a report and recorded presentation based on the learnings received on the day in person	Remotely	10	20	Enhance writing skills for technical and sustainability-focused reporting..
Activity 7	Presentation preparation and delivery via recorded presentation	Remotely	4	10	Develop and refine presentation skills.
Activity 8	Preparation of Report and presentation of results at the online annual student’s conference (if it proceeds)	Remotely	2	6	Enhance proficiency in written and oral communication within a particular field, utilizing specialized terminology
Total Hours			22	48	