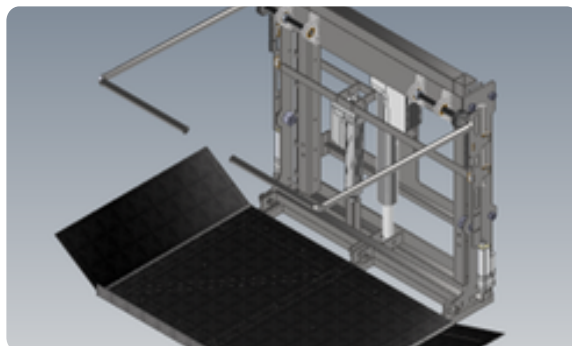


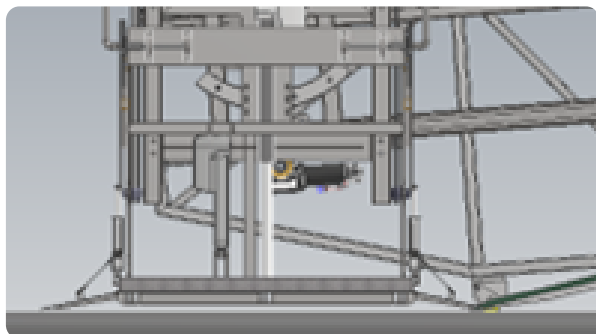
Inland and Coastal Marina Systems

Introduction - Inland and Coastal Marina Systems Ltd, based in County Offaly, design, manufacture, and install bespoke pontoons and water access solutions for the marine industry, from leisure marinas to commercial breakwaters and vessel berths. They also provide maintenance services to ensure long-term durability and safety.



Challenge - The company identified a market gap in marina accessibility for people with reduced mobility. Traditionally, access required large, costly pontoons to compensate for tidal movement, limiting affordability and adoption. Inland and Coastal Marina Systems wanted to develop an innovative, self-levelling wheelchair lift that could be attached to both new and existing pontoons, enabling safe and independent access for all. The design needed to be compact, reliable, easy to install, and meet rigorous safety and regulatory standards.

Solution - Through an 18-month Innovation Boost project with InterTradeIreland and Southern Regional College, Inland and Coastal Marina Systems developed a proof-of-concept self-levelling wheelchair lift. Supported by SRC's mentoring in design and control systems, the team used 3D CAD and prototyping to validate the design and gather insights for further development.



Impact - With support from Innovation Boost and SRC, Inland and Coastal Marina Systems developed the first self-levelling wheelchair lift for marina gangways. The innovation improves accessibility, reduces costs, and opens higher-value markets in Ireland and the UK. A tested prototype is complete, with the next version now in development, reinforcing the company's leadership in inclusive water access.

