

DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING

•RESEARCH RELATED PERSONNEL

•15 ACADEMIC STAFF

•25 RESEARCH STAFF

•5 TECHNICAL STAFF

•61 PHD STUDENTS

**•MULTIDISCIPLINARY STRATHCLYDE MARINE
INSTITUTE**

FACILITIES

- **TOWING TANK WITH WAVE MAKING FACILITIES**
- **MARINE FUEL CELL LAB**
- **ENGINE LAB**
- **STATE OF ART MATERIALS LAB(NANOTECHNOLOGY)**
- **ADVANCED MANUFACTURING LAB**
- **HIGH PERFORMANCE SUPERCOMPUTER FOR CFD AND FEM**
- **VERY STRONG INTERNATIONAL AND INDUSTRIAL NETWORK**



RESEARCH AREAS

	Stability and Safety	Hydrodynamics	Strength and Reliability	Marine Design, Operations and Human Factors	Marine Engineering
Marine Environment	X	X	X	X	X
Marine Energy	X	X	X	X	X
Marine Transport	X	X	X	X	X
Food, Agriculture and Fisheries	X			X	

LEADING RESEARCH ACTIVITIES

- MARITIME SAFETY
- MARITIME HUMAN FACTORS
- RELIABILITY OF MARINE STRUCTURES
- DESIGN FOR ENERGY EFFICIENCY AND SAFETY
- LOW CARBON SHIPPING-
- GREEN TECHNOLOGIES
- MARINE RENEWABLES(WIND, WAVE AND CURRENT)

CURRENT PROJECTS

- **15 EU PROJECTS**
- **GOALD, FLOODSTAND, RESPECT, DIVEST, EXCROSS, MAIDER, SHIPDIGEST- SAFETY**
- **SILENV: MARINE NOISE AND VIBRATION**
- **REFRESH, ECO-RETROFIT: RETROFITTING, MAINTENANCE AND REPAIR**
- **TARGETS, FOUL-X-SPEL LOW CARBON SHIPPING; ENERGY EFFICIENCY**
- **DEEPPGREEN, OPERATE: ACCESIBILITY, INSTALLATION AND MAINTENANCE STRATEGIES FOR TIDEL ENERGY DEVICE**
- **IDCORE: INDUSTRIAL DOCTORAL CENTRE IN RENEWABLE ENERGY**