

# National Maritime College of Ireland Cork, Ireland



## Client

The Minister for Education & Science, the Cork Institute of Technology and the Irish Naval Service

## Project company

FocusEducation (NMC) Ltd (now Catalyst Lend Lease)  
Bovis Lend Lease 50%  
Uberior Infra Investments Ltd 50%

## Construction Value

€52 million

## Total project funding

€67 million

## Project schedule

Financial Close February 2003  
Construction March 2003 – Oct 2004  
Mobilisation October 2004  
Concession period 25 years

## Service providers

Hard FM Vita Lend Lease  
Soft FM Vita Lend Lease  
Managed Equipment Vita Lend Lease  
(Simulators, computers, furniture, training and catering equipment)

## Assignment

Design and Build plus FM until 2029

## Architect

Building Design Partnership



The National Maritime College (NMC) in Ringaskiddy, County Cork is a national and international centre of excellence for the education and training in merchant marine and naval service studies for 750 Irish and overseas students. It was established as one of Ireland's first Public Private Partnerships (PPP).

An integrated approach allowed FocusEducation to build a deep understanding of the client's needs and partnership with the Cork Institute of Technology and Irish Naval Service. This paid early dividends, delivering high quality facilities that accurately replicate the sound, scene and feel of a ship at sea. These include:

- 2 No. full ship's mission bridge simulators,
- 3 No. 150° auxiliary ship handling simulators,
- Liquid cargo handling simulator,
- 2 No. communication systems simulators
- Engine room.

NMC's three-storey college buildings also provide lecture halls, classrooms, technical laboratories, engineering and marine workshops, sea survival training facilities – an indoor 'dunking pool' and helicopter simulator, sports and recreation amenities and a slipway and jetty fully-fitted with lifeboat launching equipment.

The college provides a 'one stop shop' for merchant marine and naval students, crew and officers and makes available the technology found on modern sea-going vessels. The NMC now has the ability to give intensive training and releases ships from training allowing them to be used on other active duties.

The college also generates third party income by hiring out its facilities and expertise to local community and sports clubs. International specialist firms and shipping lines also hire the unique combination of resources only available at NMC.

The whole college is designed with the environment and sustainability in mind and use of low energy principles using thermal mass, high levels of daylight and automatic detection artificial lighting control systems to reduce power consumption. The NMC is a world-class institution creating an exciting future for maritime education.

The project is financed by €30 million of senior bank debt arranged by Bank of Scotland, €30m of senior debt from the European Investment Bank (EIB) and €7 million of subordinated loan stock and equity from the project company shareholders.

