



# AZIPILOT- Intuitive operation and pilot training when using marine azimuthing control devices

## Project Details

Funding Programme: 7th Framework Programme (FP7)  
 Sub-Programme: Cooperation, Theme 7: Transport  
 Funding Scheme: Coordination and Support Action  
 Project Duration: 36 Months (2008-2011)  
 Total Project Value: €1.5m  
 EU Grant-Aid: €1.5m  
 Funding to Ireland: €88,558  
 Website: See [www.transas.com](http://www.transas.com)



## Project Description

The aim of **AZIPILOT** is to improve, by policy and design, the operational safety and security of ships equipped with 'azimuthing' control devices such as pod-drives. This aim will be achieved by more closely aligning the man-machine interfaces of azimuthing equipment, with the actual training of maritime pilots and crews in its use. AZIPILOT brings together the key industry sectors responsible for the design and testing of such equipment, e.g. those involved in simulation and training and the pilots and crews that actually operate azimuthing equipped ships. The project provides a forum for cross-disciplinary discussion between the key industry sectors specifically:

- Specialists in HYDRODYNAMIC MODELLING and testing (both theoretical and experimental) and experts in the field of azimuthing control devices.
- Designers and Manufacturers of MARINE SIMULATION software, hardware and the physical models that are used for training marine pilots and crews to use azimuthing equipment. This group encapsulates designers, human factors specialists, manufacturers of automation and control systems, joystick systems, and graphical user interfaces.
- MARITIME TRAINING facilities as users of simulation tools to train pilots and crews, and who employ specialists in the theory and practice of human factors (physical & behavioral), and experts in the training of bridge-crews and pilots.
- OPERATIONAL PRACTICE professionals including maritime pilots, ship operators & managers, pilot associations and end-users, and Maritime Authorities, Regulators and Policy Makers.

## Project Partners

Project Coordinator	University of Newcastle-Upon-Tyne (UK)
Ireland	Transas Ltd
UK	BMT SeaTech Ltd South Tyneside College Newcastle University, School of Marine Science & Technology
Sweden	Brostöm Ship Management AB SSPA Sweden AB
Poland	Centrum Techniki Okretowej Spolka Akcyjna Foundation for Safety of Navigation and Environment Protection
France	METTLE SARL SOGREAH Consultants - Port Revel
Italy	Consorzio Armatori per la Ricerca SRL
Germany	Development Centre for Ship Technology and Transport Systems
Denmark	FORCE Technology
Netherlands	STC Group

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