

Deliverable D4.6

Database with key industrial and research stakeholders finalized

Project Acronym:	EXCELLABUST	
Grant Agreement number:	691980	
Project title:	Excelling LABUST in Marine Robotics	
Funding:	Horizon2020 Twinning	
Call:	H2020-TWINN-2015	
Type of action:	CSA	
Start date of project:	1 st January 2016	
Duration:	36 months	
Project website:	http://excellabust.fer.hr/	
Delivery date:	31 st October 2017	
Version:	1.0	
Lead participant	UL	
Dissemination level:		
PU	Public	X
CO	Confidential, only for members of the consortium (including the Commission Services)	



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 691980.



DELIVERABLE DATA SHEET

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Deliverable title:		Database with key industrial and research stakeholders finalized			
Work package:		WP4 – Dissemination and Outreach			
Type:	PU	Delivery date	31 st October 2017	Version:	1.0
Lead participant		University of Limerick (UL)			
Dissemination level:					
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Version log			
Revision no.	Date	Author (Partner)	Change
0.5	23/10/2017	Oriana Baric	Draft
0.8	26/10/2017	Isela Ibrahimovic	Added text & Photos
1.0	27/10/2017	Edin Omerdic	Added summary and better quality photos

Deliverable summary
<p>University of Limerick has been responsible to develop the Marine Robotics Database. The database is envisioned to be a complete registry of all European key academic, industrial, research, end user, and government stakeholders for the benefit of the whole marine robotics community.</p> <p>The initial version of the Marine Robotics database was available online for selected members of Consortium in period M12-M18 for testing purposes, open to feedback and suggestions (D 4.3). Following the testing phase and after implementation of proposed changes and improvements, the final version of Marine Robotics database has been made available online since M19 (July 2017) for all stakeholders in marine robotics sector.</p> <p>For registered institutions the database contains short description, end user sectors, products, services and contact details including the name of contact person, address of institution, web page, logo, e-mail and phone number.</p> <p>In period, M19-M22 the extensive database promotion campaign has been carried on in order to ensure as many new entries as possible.</p>

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INTRODUCTION

The Task 4.3. (WP4 - Dissemination and Outreach) is aimed to create a unified Marine Robotics database, containing a list of research/academia institutions, industrial partners, and end-users involved in or exploiting marine robotics in Europe.

For registered institutions the database contains short description, end user sectors, products, services and contact details including the name of contact person, address of institution, web page, logo, e-mail and phone number. Other features include advanced search engine with ability to search database using keywords, phrases and/or country of origin. There is also an option to edit/modify existing data.

Registration of new institution to database is fully automated **two-stage process**:

- In the **first stage**, contact person from an institution fills online registration form – an automated e-mail is sent to UL-based database administrators to inform them about new entry.
- In the **second stage**, administrators verify new entry (relevance of institution, spelling & grammar errors, validity of web links, etc.). After successful verification new institution becomes visible online and an e-mail is sent to contact person from institution. Otherwise, e-mail explaining issue is sent back to contact person with advice how to resolve it.

The initial version of the Marine Robotics database was available online for selected members of Consortium in period M12-M18 for testing purposes, open to feedback and suggestions (D 4.3). Following the testing phase and after implementation of proposed changes and improvements, the final version of Marine Robotics database has been made available online since M19 (July 2017) for all stakeholders in marine robotics sector.

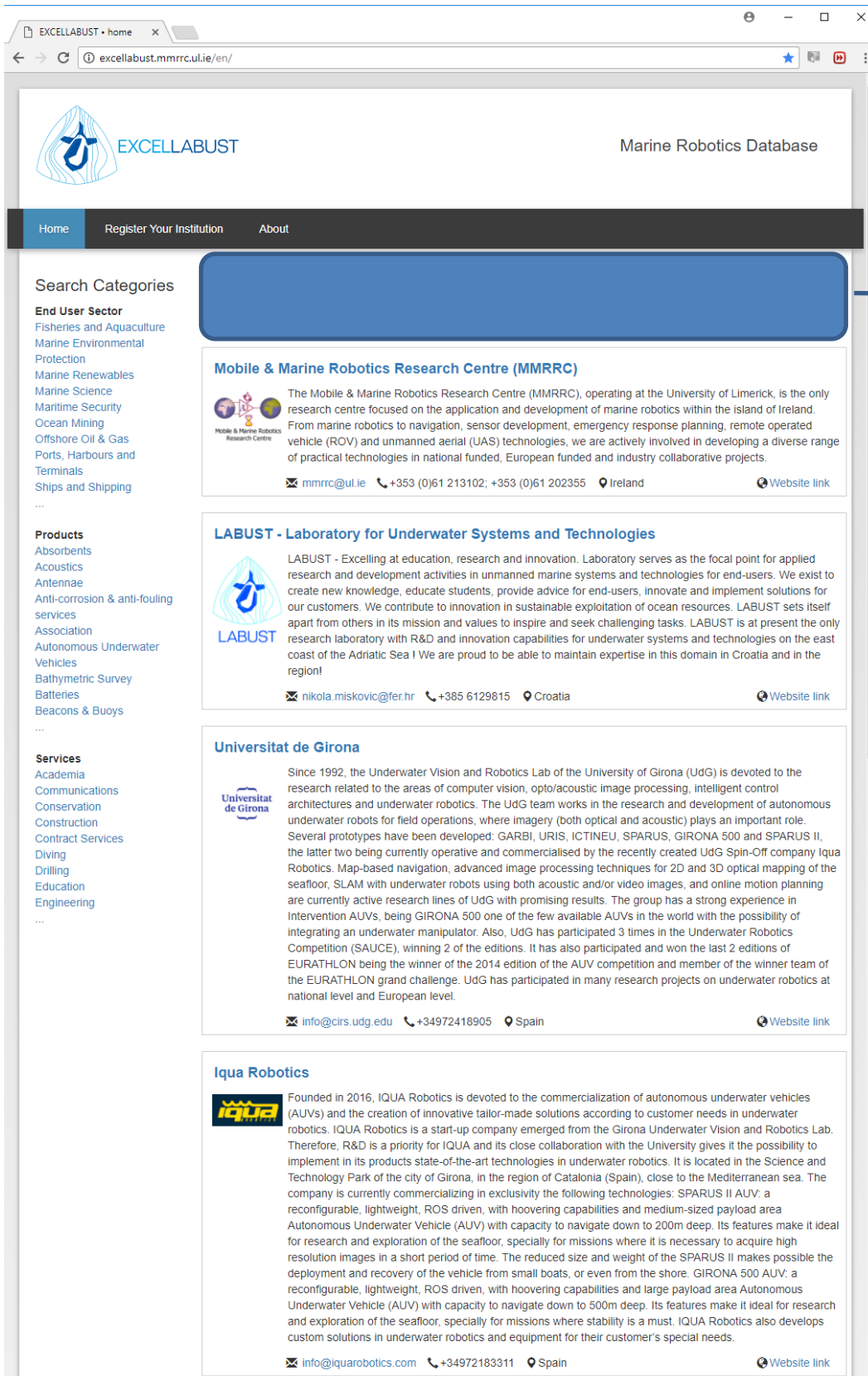
In period, M19-M22 the extensive database promotion campaign has been carried on in order to ensure as many new entries as possible. The promotion activities included:

- Sending direct invitation e-mails to vast number of marine robotics institutions, companies and research groups in EU,
- Promotion of the database at marine robotics events (distribution of database flyers, direct promotion during oral presentations):
 - EMRA 2017, 15-16 May 2017, Girona, Spain (100 participants),
 - Digital Oceans/Smart Oceans, 29-30 June, 2017, Galway, Ireland (300 participants),
 - Ocean, July 2017, Aberdeen, UK
 - BTS 2017, 1-8 October 2017, Biograd na Moru, Croatia, 160 participants
 - Open Days University of Limerick, 19-20 October 2017, Limerick, Ireland
- Promotion of the database on the EXCELLABUST project website and the websites of the project consortium members.

Currently the database has a dozen of entries, but we are hoping that with continuing promotion efforts of all project partners we will reach the significant number of registered users at the end of the project, offering a reliable and useful source of information on marine robotics sector players.

Database is up and running and can be found on <http://excellabust.mmrrc.ul.ie/>.

1. FINAL DATABASE STRUCTURE

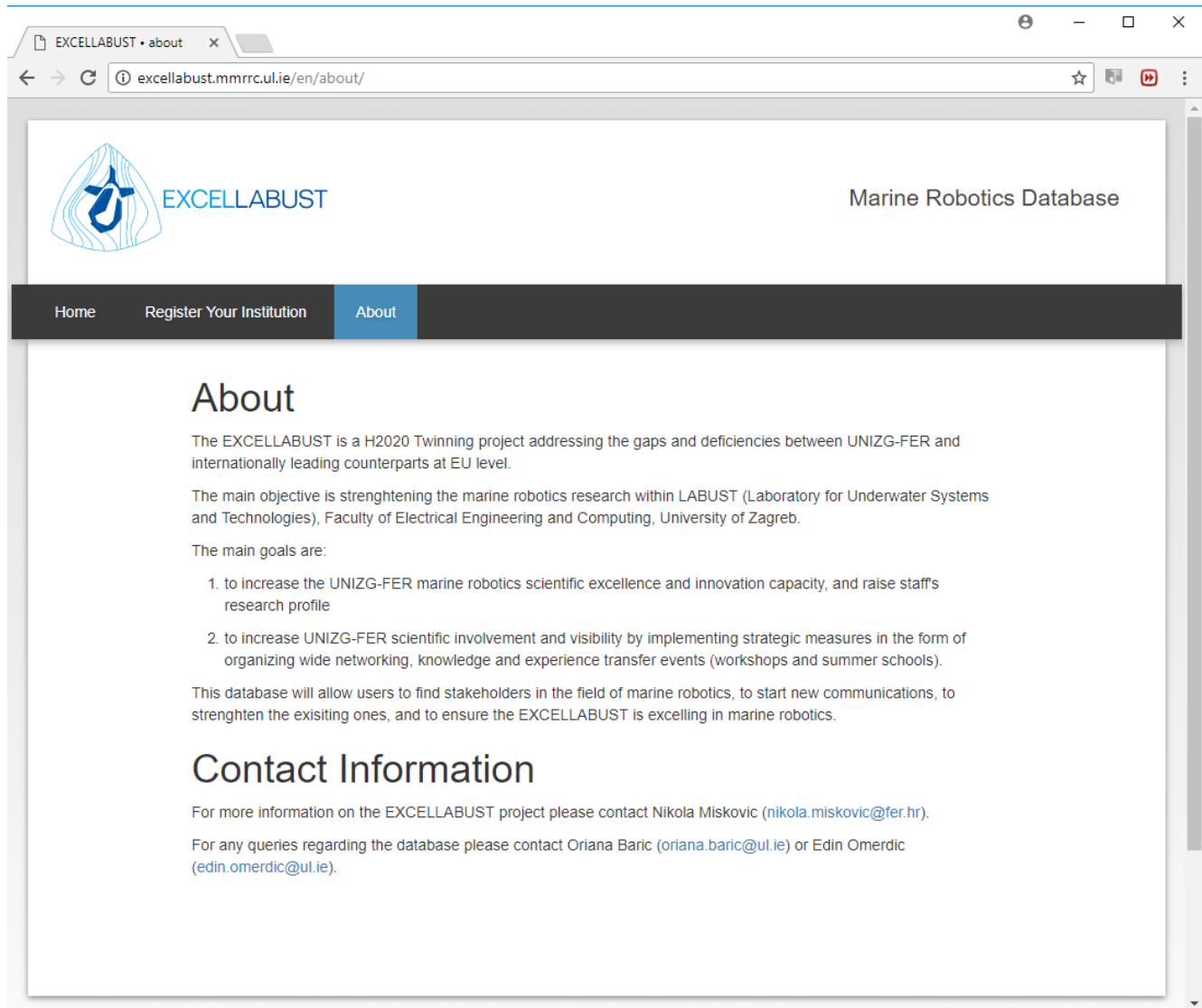


The screenshot shows the EXCELLABUST Marine Robotics Database website. The header includes the EXCELLABUST logo and the title 'Marine Robotics Database'. A navigation bar contains links for 'Home', 'Register Your Institution', and 'About'. A left sidebar lists 'Search Categories' under 'End User Sector' (Fisheries and Aquaculture, Marine Environmental Protection, Marine Renewables, Marine Science, Maritime Security, Ocean Mining, Offshore Oil & Gas, Ports, Harbours and Terminals, Ships and Shipping) and 'Products' (Absorbents, Acoustics, Antennae, Anti-corrosion & anti-fouling services, Association, Autonomous Underwater Vehicles, Bathymetric Survey, Batteries, Beacons & Buoys). The main content area features a 'Search Engine' box and four institution profiles: Mobile & Marine Robotics Research Centre (MMRRC), LABUST - Laboratory for Underwater Systems and Technologies, Universitat de Girona, and Iqua Robotics. Each profile includes a logo, description, contact information, and a website link.

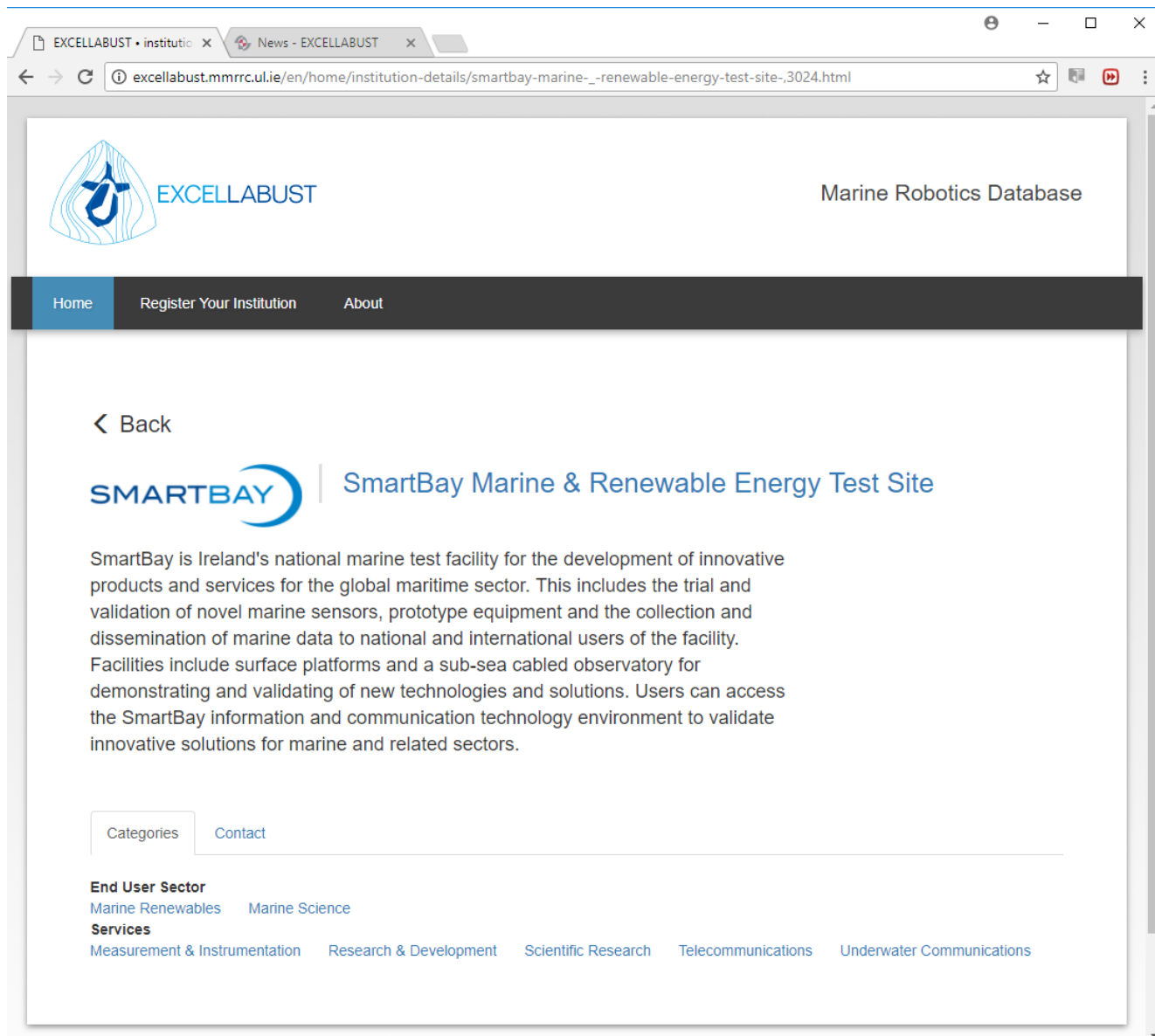
Search Engine

“Home” page

“Register Your Institution” page

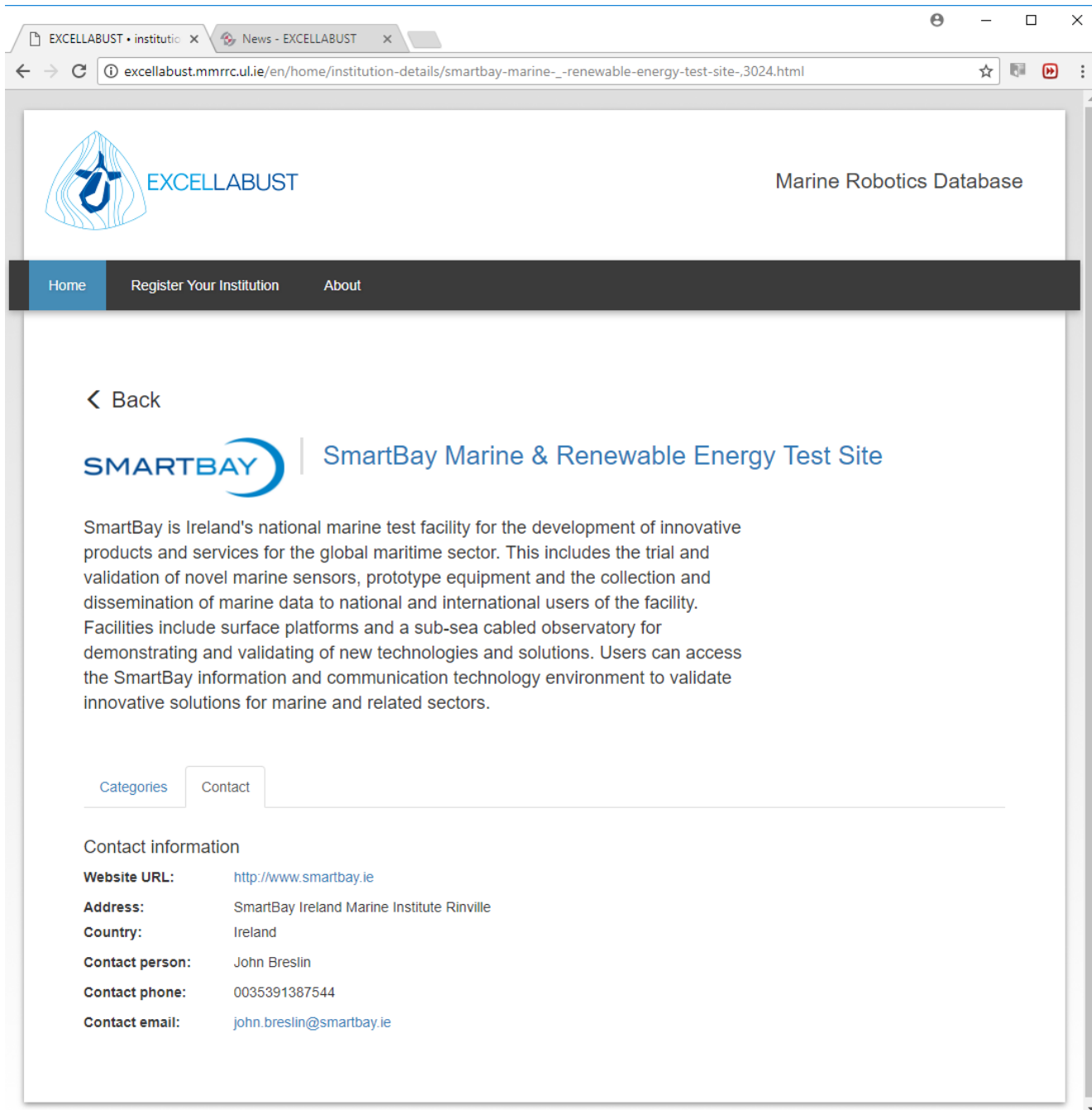


“About” page



The screenshot shows a web browser window with the URL `excellabust.mmrc.ul.ie/en/home/institution-details/smartbay-marine_-renewable-energy-test-site-,3024.html`. The page features the EXCELLABUST logo and the title "Marine Robotics Database". A navigation bar includes links for "Home", "Register Your Institution", and "About". The main content area has a "Back" link and a section for "SMARTBAY | SmartBay Marine & Renewable Energy Test Site". The text describes SmartBay as Ireland's national marine test facility, highlighting its role in developing innovative products and services for the maritime sector. It mentions facilities like surface platforms and a sub-sea cabled observatory. Below the text, there are tabs for "Categories" and "Contact". A section titled "End User Sector" lists "Marine Renewables" and "Marine Science". A "Services" section lists "Measurement & Instrumentation", "Research & Development", "Scientific Research", "Telecommunications", and "Underwater Communications".

Sample Entry (SmartBay)



The screenshot shows a web browser window with the URL `excellabust.mmrc.ul.ie/en/home/institution-details/smartbay-marine_-renewable-energy-test-site-,3024.html`. The page features the EXCELLABUST logo and the title "Marine Robotics Database". A navigation bar includes links for "Home", "Register Your Institution", and "About". The main content area has a "Back" link and the "SMARTBAY" logo. The title "SmartBay Marine & Renewable Energy Test Site" is displayed. The text describes SmartBay as Ireland's national marine test facility, detailing its purpose, facilities, and user access. Below the text are tabs for "Categories" and "Contact". The "Contact" tab is active, showing contact information for SmartBay Ireland Marine Institute Rinvile.

SmartBay Marine & Renewable Energy Test Site

SmartBay is Ireland's national marine test facility for the development of innovative products and services for the global maritime sector. This includes the trial and validation of novel marine sensors, prototype equipment and the collection and dissemination of marine data to national and international users of the facility. Facilities include surface platforms and a sub-sea cabled observatory for demonstrating and validating of new technologies and solutions. Users can access the SmartBay information and communication technology environment to validate innovative solutions for marine and related sectors.

Contact information

Website URL:	http://www.smartbay.ie
Address:	SmartBay Ireland Marine Institute Rinvile
Country:	Ireland
Contact person:	John Breslin
Contact phone:	0035391387544
Contact email:	john.breslin@smartbay.ie

Sample Entry (SmartBay)

2. DATABASE PROMOTION

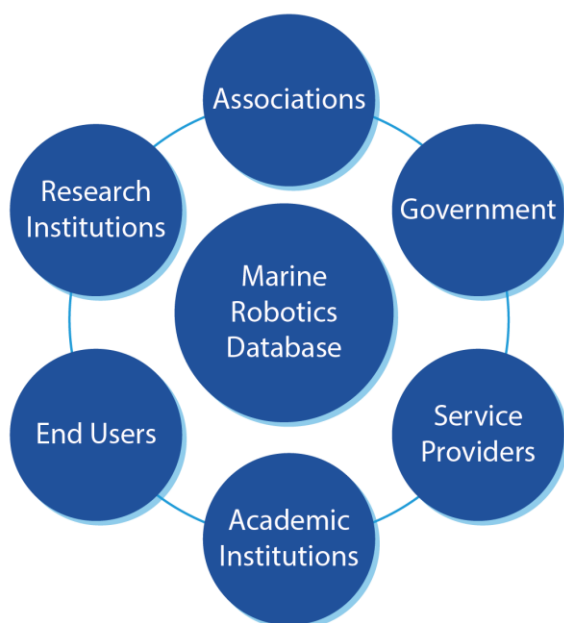
FLYERS

Database promotional flyer (EMRA2017, Digital Ocean 2017 and Ocean 2017)



Marine Robotics Database

A unified database containing a list of research, academia, and government institutions, service providers and end users is being developed under the EXCELLABUST project.



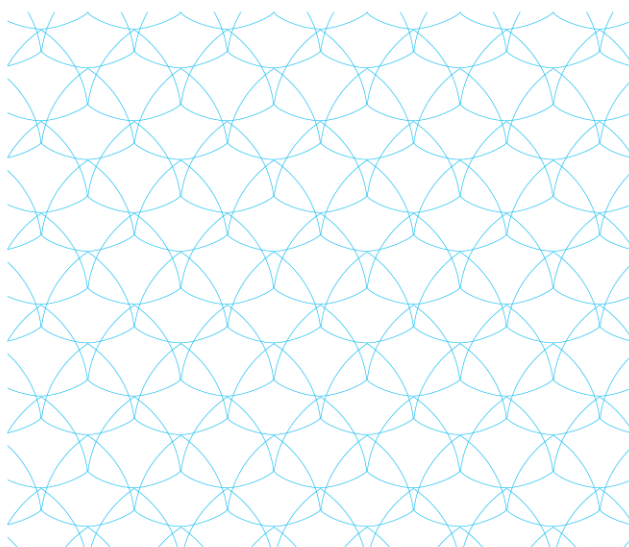
Database will be published in June 2017

Database promotional flyer BTS2017 (Open days 2017)



EXCELLABUST

EXCELLING LABUST IN MARINE ROBOTICS



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MARINE ROBOTICS DATABASE

Be a part of exclusive marine robotics database and intensify your collaboration with other industry and research stakeholders.

Register here: <http://excellabust.mmrc.ul.ie>



STAKEHOLDERS

- academia
- research institutions
- industry
- government
- end users
- service providers
- associations



PRODUCTS

- AUVs and USV
- sonars and sensors
- systems and applications
- etc.



SERVICES

- education
- research
- development
- marine robotics solutions
- consulting



END-USERS

- | | | | | |
|---------------------------|---|---------------------------------|---|-----------------------|
| industry | • | research | • | end-user stakeholders |
| fisheries and aquaculture | • | marine environmental protection | • | marine renewables |
| marine science | • | maritime security | • | ocean mining |
| offshore oil & gas | • | ports, harbours and terminals | • | ships and shipping |
| telecoms | • | utilities / power | • | etc. |

PROMOTION EVENTS

EMRA2017, Girona, Spain, 15-16 May 2017



MTS/IEEE Oceans 2017, Aberdeen, UK, 20-22 June 2017



SeaFest 2017: Marine Trade Show, Digital Ocean Conference & Our Ocean Wealth Summit, NUI Galway, 29-30 June 2017



BTS 2018, Biograd na Moru, Croatia, 1-8 October 2017



Open Days University of Limerick, Limerick, Ireland, 19-20 October 2017



PROMOTION ON WEBSITES

EXCELLABUST web site



The screenshot shows the EXCELLABUST website with the following content:

- Header:** EXCELLABUST logo and tagline "EXCELLING LABUST IN MARINE ROBOTICS".
- Navigation:** Home, Search, AAA, and a login button.
- Left Sidebar:**
 - News
 - About
 - WP1 Project management
 - WP2 Know-how exchange
 - WP3 Broad networking events
 - WP4 Dissemination and outreach
 - Press
 - Photo gallery
- Main Content Area:**
 - NEWS:**
 - 2nd EXCELLABUST summer school Breaking the Surface gathered 190 participants from 24 countries** (17. 10. 2017. at 21:41, Edited: 20. 10. 2017. at 15:41). Includes a photo of participants and a description of the 9th International Interdisciplinary Field Workshop of Marine Robotics and Applications.
 - 9th International Interdisciplinary Field Workshop of Marine Robotics and Applications Breaking the Surface** (17. 10. 2017. at 17:15). Includes a photo of participants and a description of the workshop.
 - MARINE ROBOTICS DATABASE:**
 - Be part of exclusive marine robotics database and intensify your collaboration with other industry and research stakeholders. Register on <http://excellabust.mmrcr.ul.ie/>.
 - Connect with stakeholder products services:
 - Academia
 - Research institutions
 - Industry
 - Government
 - End users
 - Service providers
 - Association
 - Find out about marine robotics products:
 - AUV's and USV
 - Sonars
 - Sensors
 - Systems and applications
 - Apply existing services:
 - Education
 - Research
 - Development
 - Marine robotics solutions
 - Consulting
 - Meet the large circle of end-users:
 - Industry
 - Research
 - End-user stakeholders
 - Fisheries and aquaculture
 - Marine environmental protection
 - Marine renewables
 - Marine science
 - Maritime security
 - Ocean mining
 - Offshore oil & gas ports
 - Harbours and terminals
 - Ships and shipping telecoms
 - Utilities / power
- Right Sidebar:**
 - FUNDING:** European Union's Horizon 2020 research and innovation programme under grant agreement No 691980.
 - WEB AND SOCIAL MEDIA:**
 - LABUST LABUST web page
 - LABUST Facebook page
 - LABUST YouTube channel

