Projects and Products Portal for Leonardo da Vinci

EBDIG-Onderhoudsschip Windmolenpark

UK/13/LLP-LdV/TOI-621

http://www.adam-europe.eu/adam/project/view.htm?prj=10831

Project Information

Title:	EBDIG-Onderhoudsschip Windmolenpark
Project Number:	UK/13/LLP-LdV/TOI-621
Year:	2013
Project Type:	Transfer of Innovation
Status:	granted
Country:	UK-United Kingdom
Marketing Text:	De “European Wind Energy Association” (EWEA) voorspelt een groeiscenario van de werkgelegenheid voor de periode tot 2030 voor de bediening en onderhoud van offshore windparken tot 851.400 arbeidsplaatsen voor het produceren en gespecialiseerde zeeschepen. EBDIG - WFSV ontwikkeld een innovatieve professionele opleiding en netwerk voor commerciële maritieme werknemers (Naval Architects , projectmanagers). Door de overdracht van geïntegreerde praktijken binnen interieur design en de superyacht industrie kan de Europese maritieme sector voor de commerciële profijt hebben van de ontwikkeling van meer aantrekkelijke ontwerpen van de werkomstandigheden van het maritieme personeel van wind park ondersteunende schepen. Tegelijkertijd verminderd een aantrekkelijke werkomgeving de risico’s van menselijk falen. Dit wordt bereikt door middel van een e-learning platform www.ebdig.eu een netwerk kader en 3 richtingen : WFSV Design; WFSV moederschip ontwerp en Human Factors .
Summary:	EBDIG-WFSV provides innovative professional development training and networking to commercial marine industry employees (Naval Architects, project managers) by transferring embedded practices within interior design and the leisure marine industry (superyachts) which will enable the European commercial marine sector to understand and exploit growing design opportunities in the wind farm support vessel sector to produce more appealing working conditions for this new and growing sector to help recruit new staff and reduce the risk of human error.
Description:	EBDIG-WFSV uses an e-learning platform www.ebdig.eu (video conference, moodle etc) to transfer innovation from the interior design and leisure marine industry into Wind Farm Support Vessels (WFSV Design; WFSV mothership design; Human Factors Integration (HFI)) via 3 courses and a networking framework. The project partners are: P0 - Coventry University –UK P1-Genoa university -IT P2- Chalmers University of Technology-SE P3- Piri Reis Univesity- TR P4- Human Solutions- DE P5 -BMT Nigel Gee-UK P6-University College Dublin-IRL
Themes:	*** Lifelong learning *** Open and distance learning ** Quality ** ICT ** Recognition, transparency, certification
Sectors:	*** Professional, Scientific and Technical Activities ** Transportation and Storage
Product Types:	material for open learning Film teaching material program or curricula open and distance learning modules website transparency and certification
Product information:	Industry survey to understand Wind Farm Support Vessel operator needs and concerns(NL, TR, IT, UK, SE, D)

Project Information

e-learning platform www.ebdig.eu (video conference, moodle etc) to transfer innovation from the interior design and leisure marine industry into Wind Farm Support Vessels via 3 courses and a networking framework.

Online courses on Wind Farm Support Vessel and Mothership design (WFSV Design; WFSV mothership design; Human Factors Integration (HFI))

Industry pilot of online training material(each country)

Dissemination of a recommended methodology for the commercial boat industry design cycle.

Projecthomepage: http://www.ebdig.eu

Project Contractor

Name:	Coventry University
City:	Coventry
Country/Region:	West Midlands
Country:	UK-United Kingdom
Organization Type:	university/Fachhochschule/academy
Homepage:	http://www.coventry.ac.uk

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Coordinator

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City:	Coventry
Country/Region:	West Midlands
Country:	UK-United Kingdom
Organization Type:	university/Fachhochschule/academy
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Partner

Partner 1

Name:	Human Solutions GMBH
City:	KAISERSLAUTERN
Country/Region:	Karlsruhe
Country:	DE-Germany
Organization Type:	others
Homepage:	http://www.human-solutions.com

Partner 2

Name:	Piri Reis University
City:	Istanbul
Country/Region:	Izmir
Country:	TR-Turkey
Organization Type:	others
Homepage:	http://www.pirireis.edu.tr

Partner 3

Name:	Chalmers University of Technology
City:	Goeteborg
Country/Region:	Stockholm
Country:	SE-Sweden
Organization Type:	others
Homepage:	http://www.chalmers.se

Partner 4

Name:	Genoa University
City:	Genoa
Country/Region:	Liguria
Country:	IT-Italy
Organization Type:	others
Homepage:	http://www.unige.it

Partner

Partner 5

Name:	University College Dublin
City:	Dublin
Country/Region:	Dublin
Country:	IE-Ireland
Organization Type:	others
Homepage:	http://www.ucd.ie

Partner 6

Name:	BMT-Nigel Gee Ltd
City:	Southampton
Country/Region:	Hamshire, Isle of Wight
Country:	UK-United Kingdom
Organization Type:	others
Homepage:	http://www.bmtyachts.com

Project Files

C10-RINA Paper_THE POTENTIAL FOR SURFACE DISRUPTION TECHNIQUES.pdf

http://www.adam-europe.eu/prj/10831/prj/C10-RINA%20Paper_THE%20POTENTIAL%20FOR%20SURFACE%20DISRUPTION%20TECHNIQUES.pdf

C10-RINA Paper: THE POTENTIAL FOR SURFACE DISRUPTION TECHNIQUES IN THE AESTHETIC EVOLUTION OF SUPERYACHTS

Content for the Marine Design module

C11-RINA Paper_DEVELOPMENT OF EBDIG-WFSV CURRICULUM.pdf

http://www.adam-europe.eu/prj/10831/prj/C11-RINA%20Paper_DEVELOPMENT%20OF%20EBDIG-WFSV%20CURRICULUM.pdf

C12- RINA Paper_DEVELOPMENT OF INTERIOR DESIGN STRATEGIES.pdf

http://www.adam-europe.eu/prj/10831/prj/C12-%20RINA%20Paper_DEVELOPMENT%20OF%20INTERIOR%20DESIGN%20STRATEGIES.pdf

C12- RINA Paper: DEVELOPMENT OF INTERIOR DESIGN STRATEGIES AS AN INTEGRAL PART OF A MARINE PASSIVE DESIGN METHODOLOGY FOR PASSENGER VESSELS OPERATING WITHIN THE MEDITERRANEAN

Basis of learning material to inform Marine Passive Design as part of Human Factors

C13- RINA Paper_THE UTILIZATION OF PASSIVE DESIGN STRATEGIES.pdf

http://www.adam-europe.eu/prj/10831/prj/C13-%20RINA%20Paper_THE%20UTILIZATION%20OF%20PASSIVE%20DESIGN%20STRATEGIES.pdf

13- RINA Paper: THE UTILIZATION OF PASSIVE DESIGN STRATEGIES WITHIN THE DESIGN PROCESS OF PASSENGER VESSELS OPERATING WITHIN THE MEDITERRANEAN TO SUPPORT EEDI COMPLIANCE

Basis of learning material to inform Marine Passive Design as part of Human Factors

C17- Work analysis of wind farm support vessel operation.pdf

http://www.adam-europe.eu/prj/10831/prj/C17-%20Work%20analysis%20of%20wind%20farm%20support%20vessel%20operation.pdf

Task analysis of Wind Farm Support Vessel

C4- RINA Paper_Passive Design eco-luxury cruise ship.pdf

http://www.adam-europe.eu/prj/10831/prj/C4-%20RINA%20Paper_Passive%20Design%20eco-luxury%20cruise%20ship.pdf

C4- RINA Paper: Passive Design eco-luxury cruise ship

RINA conference paper delineating the potential of Marine Passive Design to enhance Human Factors on commercial vessels

C5- RINA Paper_DDI Wind Farm Support Vessel Mothership concepts.pdf

http://www.adam-europe.eu/prj/10831/prj/C5-%20RINA%20Paper_DDI%20Wind%20Farm%20Support%20Vessel%20Mothership%20concepts.pdf

C5- RINA Paper: DDI Wind Farm Support Vessel Mothership concepts

Case study for learning material to inform Marine
Design process for wind farm vessels

C6- RINA Paper_potential of Industrial Design to address stressors.pdf

http://www.adam-europe.eu/prj/10831/prj/C6-%20RINA%20Paper_potential%20of%20Industrial%20Design%20to%20address%20%20stressors.pdf

C6- RINA Paper: potential of Industrial Design to address physical and environmental stressors among offshore industry personnel

Basis of learning material to inform Marine Human Factors

C7- RINA Paper_EBDIG_The Marine Design Manifesto.pdf

http://www.adam-europe.eu/prj/10831/prj/C7-%20RINA%20Paper_EBDIG_The%20Marine%20Design%20Manifesto.pdf

C7- RINA Paper: EBDIG: The Marine Design Manifesto
Basis of learning material for Marine Design module

Project Files

C8- RINA Paper_Coastal Patrol Interceptor for West Africa.pdf

http://www.adam-europe.eu/prj/10831/prj/C8-%20RINA%20Paper_Coastal%20Patrol%20Interceptor%20for%20West%20Africa.pdf

C8- RINA Paper: Coastal Patrol Interceptor for West Africa

Bridge design case study for Human Factors module

C9- RINA Paper_DEVELOPMENT OF AN ONLINE LEARNING PLATFORM AND CPD MATERIAL.pdf

http://www.adam-europe.eu/prj/10831/prj/C9-%20RINA%20Paper_DEVELOPMENT%20OF%20AN%20ONLINE%20LEARNING%20PLATFORM%20AND%20CPD%20MATERIAL.pdf

C9- RINA Paper: DEVELOPMENT OF AN ONLINE LEARNING PLATFORM AND CPD MATERIAL FOR NAVAL ARCHITECTS AND PROJECT MANAGERS WORKING IN OFFSHORE WIND AND OIL AND GAS SECTORS

Delineation of the development of the online learning platform

Products

1 EBDIG Website and virtual design studio

2 EMOTIONAL DESIGN AND THE EXTERIOR STYLING DEVELOPMENT OF A WFSV

3 DESIGN-DRIVEN INNOVATION: NEXT GENERATION WIND FARM MOTHERSHIP FOR THE NORTH SEA

4 A SWATH MOTHERSHIP CONCEPT FOR THE FAR SHORE WIND FARMS USING THE ENVIRONMENTAL

5 MARINE DESIGN OF A WFSV MODULAR INTERIOR

6 A MARINE DESIGN APPROACH TO WFSV BRIDGE LAYOUT DEVELOPMENT AND CREW TRANSFER

7 Design-Driven Innovation: Mothership Concepts for Accessing the Far Shore Wind Farms

8 THE POTENTIAL OF INDUSTRIAL DESIGN TO ADDRESS PHYSICAL AND ENVIRONMENTAL

9 EUROPEAN BOAT DESIGN INNOVATION GROUP: THE MARINE DESIGN MANIFESTO

10 NEXT GENERATION ULTRA-LUXURY CRUISE SHIP: A PASSIVE DESIGN ECO-LUXURY CRUISE SHIP

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Product 'EBDIG Website and virtual design studio'

Title:	EBDIG Website and virtual design studio
Product Type:	website
Marketing Text:	The project will create learning materials for employees working within the Marine industry delivered via an interactive web based Virtual Design Studio (VDS). The learning materials will include presentation, animations and notes. professional body will also review the courses produced. In addition to this the Virtual Design Studio (VDS) will provide the employees in each country with the opportunity for transnational cooperation with both industry and academia through video conferencing and blogging. The ability to exchange ideas, thoughts on the courses and to learn about the different working cultures in each country and indeed within the diversity of the marine sector, will provide the participants with an additional learning outcome that will aid them in their professional practice and work within a global industry.
Description:	Website with Moodle based virtual learning environment. VOIP and social media enabled system to facilitate video conferences and blogging.
Target group:	SME: marine design consultancies; suppliers Large enterprise: shipyard
Result:	A platform to promote project and facilitate online learning
Area of application:	A platform to promote project and facilitate online learning
Homepage:	www.ebdig.eu
Product Languages:	Duits Nederlands Italian Greek Zweeds Turkish Engels

Product 'EMOTIONAL DESIGN AND THE EXTERIOR STYLING DEVELOPMENT OF A WFSV'

Title:	EMOTIONAL DESIGN AND THE EXTERIOR STYLING DEVELOPMENT OF A WFSV
Product Type:	teaching material
Marketing Text:	Exterior styling is responsible for that visceral response of 'love at first sight'. The fact that styling is as important for a vehicle’s marketing success as its technical performance has been known since the 1930s. The recent exterior design developments by leading companies in the commercial vessel sector, shows that they are developing an appreciation of this realisation. In considering the relationship of commercial vessel exterior form language aesthetics and emotional design, it is useful to first consider the automotive industry where this relationship is firmly established. Perception of a new car by a potential customer usually happens from the outside to the inside through different levels of detail. The first characteristic of a car that catches a potential customer’s attention, engagi ng their emotional perception is the aesthetic appearance of its exterior styling.
Description:	Conference paper
Target group:	All stakeholders
Result:	Concept WFSV exteriors
Area of application:	WFSV exterior design
Homepage:	https://www.academia.edu/17452535/EMOTIONAL_DESIGN_AND_THE_EXTERIOR_STYLING_DEVELOPMENT_OF_A_WFSV
Product Languages:	Engels

Product 'DESIGN-DRIVEN INNOVATION: NEXT GENERATION WIND FARM MOTHERSHIP FOR THE NORTH SEA'

Title:	DESIGN-DRIVEN INNOVATION: NEXT GENERATION WIND FARM MOTHERSHIP FOR THE NORTH SEA
Product Type:	teaching material
Marketing Text:	In response to the specific requirements for UK Round 3 far shore wind farm maintenance operations, a new mothership concept design proposal is presented, that challenges perceptions of the working and living environment on commercial vessels through the implementation of Design-Driven Innovation. The interaction between innovation of design meaning and technology innovation can transform the market within an industry and even create new market sectors. An analysis of the offshore wind market identified the challenges of vessel financing compared to the oil & gas sector, as a unique opportunity for a common platform technology vessel. The concept presented has an innovative WFSV launch/recovery system enabling a conventional OSV platform to be adapted into a mothership role, resulting in a more cost effective O&M solution.
Description:	Conference paper draft
Target group:	All stakeholders
Result:	Mothership design methodology
Area of application:	Mothership design
Homepage:	https://www.academia.edu/15359885/DESIGN-DRIVEN_INNOVATION_NEXT_GENERATION_WIND_FARM_MOTHERSHIP_FOR_THE_NORTH_SEA
Product Languages:	Engels

Product 'A SWATH MOTHERSHIP CONCEPT FOR THE FAR SHORE WIND FARMS USING THE ENVIRONMENTAL PSYCHOLOGY NETWORK MODEL'

Title:	A SWATH MOTHERSHIP CONCEPT FOR THE FAR SHORE WIND FARMS USING THE ENVIRONMENTAL PSYCHOLOGY NETWORK MODEL
Product Type:	teaching material
Marketing Text:	The Toyota Production System (TPS) is a continuous improvement philosophy. It became the basis for the LEAN and Six Sigma manufacturing philosophies. A significant element of TPS is autonomation, or “automation with a human touch”. In the same way that le an techniques have been applied to automotive manufacturing, the principles of autonomation can be applied to offshore wind farm maintenance practices to improve turbine availability. This paper presents a mothership concept design to support an autonomation approach to offshore wind farm maintenance practices, developed through an implementation of the NetWork model of Environmental Psychology and biophilic design. The NetWork model encompasses both how and where work is done and how workers, processes and places are supported. It differs from previous Environmental Psychology models by focusing on the work that is to be done and how to enable it to be done most effectively.
Description:	Conference paper draft
Target group:	All stakeholder
Result:	Mothership design methodology
Area of application:	Mothership design
Homepage:	https://www.academia.edu/15359353/A_SWATH_MOTHERSHIP_CONCEPT_FOR_THE_FAR_SHORE_WIND_FARMS_USING_THE_ENVIRONMENTAL_PSYCHOLOGY_NETWORK_MODEL
Product Languages:	Engels

Product 'MARINE DESIGN OF A WFSV MODULAR INTERIOR'

Title:	MARINE DESIGN OF A WFSV MODULAR INTERIOR
Product Type:	teaching material
Marketing Text:	Marine Design is an holistic design process with a strong focus on the end users as well as stakeholders in the design process, based on the principles of Industrial Design. Effective Marine Design requires a multidisciplinary design team of Naval Architects, Industrial Designers, Human Factors specialists, environmental psychologists and interior designers. The start of the marine Design process involves developing personas and understanding the needs of the end user. The aim of Marine Design is to improve the aesthetics, human factors and functionality of a vessel or system, and its' marketability. Although the process of design may be considered 'creative', many analytical processes also take place. Some of the processes that are commonly used are user research, benchmarking, sketching, human factors evaluation and CAD visualisation.
Description:	Conference paper draft
Target group:	All Stakeholders
Result:	Interior design methodology
Area of application:	WFSV interior design
Homepage:	https://www.academia.edu/10778481/MARINE_DESIGN_OF_A_WFSV_MODULAR_INTERIOR
Product Languages:	Engels

Product 'A MARINE DESIGN APPROACH TO WFSV BRIDGE LAYOUT DEVELOPMENT AND CREW TRANSFER'

Title:	A MARINE DESIGN APPROACH TO WFSV BRIDGE LAYOUT DEVELOPMENT AND CREW TRANSFER
Product Type:	teaching material
Marketing Text:	The aim of Marine Design is to improve the human factors, functionality and aesthetics of a vessel or system, and its' marketability. The role of a Marine Designer is to create and execute design solutions for problems of form, usability, ergonomics, marketing, brand development, and sales. Based on the principles of Industrial Design, the objective of which is to study both function and form, and the connection between product (vessel or system), the user and the environment. User Centred Design (UCD) is a process in which the needs, requirements, and capabilities of crew members as end users of a vessel or system, are given extensive consideration at each phase of the design process. UCD is a sequenced problem solving process that requires marine designers to analyse and anticipate end user behaviour in working on a vessel or system, and to test the validity of these assumptions through ethnographic analysis of real users.
Description:	Conference paper draft
Target group:	All stakeholders
Result:	Digitial Human Modelling methodology for WFSV
Area of application:	WFSV HF design
Homepage:	https://www.academia.edu/10778561/A_MARINE_DESIGN_APPROACH_TO_WFSV_BRIDGE_LAYOUT_DEVELOPMENT_AND_CREW_TRANSFER
Product Languages:	Engels

Product 'Design-Driven Innovation: Mothership Concepts for Accessing the Far Shore Wind Farms'

Title:	Design-Driven Innovation: Mothership Concepts for Accessing the Far Shore Wind Farms
Product Type:	teaching material
Marketing Text:	Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Extrapolating the European Wind Energy Association's (EWEA) growth scenario for the period up till 2030 employment in the installation, operation and maintenance, of offshore wind farms is expected to produce skilled employment of 851,400. To meet this demand it will be necessary to recruit land based technicians. Therefore, next generation motherships will need to address the user needs and aspirations of a new generation of technicians, who may not have previous marine experience. This paper presents several mothership concept design proposals, that challenge perceptions of the working and living environment on commercial vessels by using Design-Driven Innovation to create next generation vessels
Description:	Draft conference paper
Target group:	All stakeholders
Result:	Concept mothership designs
Area of application:	WFSV mothership design
Homepage:	https://www.academia.edu/6101537/Design-Driven_Innovation_Mothership_Concepts_for_Accessing_the_Far_Shore_Wind_Farms
Product Languages:	Engels

Product 'THE POTENTIAL OF INDUSTRIAL DESIGN TO ADDRESS PHYSICAL AND ENVIRONMENTAL STRESSORS AMONG OFFSHORE INDUSTRY PERSONNEL'

Title:	THE POTENTIAL OF INDUSTRIAL DESIGN TO ADDRESS PHYSICAL AND ENVIRONMENTAL STRESSORS AMONG OFFSHORE INDUSTRY PERSONNEL
Product Type:	teaching material
Marketing Text:	This paper examines the potential of Industrial Design to address the physical and environmental demands to which North Sea oil and gas personnel are exposed. The physical stressors that must be considered in the design process include noise reduction; lighting for circadian adaption and enhanced environment experience; improved workspace design; improved recreation facility design; air quality issues relating to the positive pressure environment; and the risk of musculo-skeletal disorders (MSD) associated with cramped workspace, awkward postures, and steep staircases. Cultural differences between FPSO and fixed platform crew are examined in term of user needs within the distinctive design scenarios. As space is costly on offshore installations, good design can potentially make the most of the limited space available; several design proposals are reviewed in this context.
Description:	Draft conference paper
Target group:	All stakeholders
Result:	Interior design case studies
Area of application:	Offshore vessels for oil & gas industry
Homepage:	https://www.academia.edu/6220648/THE_POTENTIAL_OF_INDUSTRIAL_DESIGN_TO_ADDRESS_PHYSICAL_AND_ENVIRONMENTAL_STRESSORS_AMONG_OFFSHORE_INDUSTRY_PERSONNEL
Product Languages:	Engels

Product 'EUROPEAN BOAT DESIGN INNOVATION GROUP: THE MARINE DESIGN MANIFESTO'

Title:	EUROPEAN BOAT DESIGN INNOVATION GROUP: THE MARINE DESIGN MANIFESTO
Product Type:	teaching material
Marketing Text:	A manifesto is a published verbal declaration of the intentions, motives, or views of an issue. It accepts a previously published opinion and promotes a new idea with prescriptive notions for carrying out changes that the authors believe should be made. Marine Design is presented as an interdisciplinary holistic approach to boat design, based on the methodologies of Industrial Design, which are informed by both Human Factors and Engineering. The authors as experts in their respective disciplines present the Marine Design Manifesto as a framework for innovation within the marine industry. In every professional field there are definitive texts, this paper provides advocacy for Marine Design, an interdisciplinary approach in its infancy. The authors review key Industrial Design manifestos in the context of Marine Design. They then present a contextualised Marine Design manifesto
Description:	Draft conference paper
Target group:	All stakeholders
Result:	Design manifesto
Area of application:	Commercial vessels
Homepage:	https://www.academia.edu/9917644/EUROPEAN_BOAT_DESIGN_INNOVATION_GROUP_THE_MARINE_DESIGN_MANIFESTO
Product Languages:	Engels

Product 'NEXT GENERATION ULTRA-LUXURY CRUISE SHIP: A PASSIVE DESIGN ECO-LUXURY CRUISE SHIP FOR THE MEDITERRANEAN'

Title:	NEXT GENERATION ULTRA-LUXURY CRUISE SHIP: A PASSIVE DESIGN ECO-LUXURY CRUISE SHIP FOR THE MEDITERRANEAN
Product Type:	teaching material
Marketing Text:	Passive Design is employed in over 200,000 buildings across Europe and has resulted in the reduction and in some cases elimination of conventional mechanical HVAC systems by adapting the morphology of a building to the area of operation, resulting in a low cost solution with minimum environmental impact. This design project is a transfer of innovation from Architecture and is informed by a RIBA Passive Design best practice case study. The orientation and location of a vessel is voyage dependant, an analysis of solar variations for a potential vessel route was carried out as an integral part of the design process. The resulting hybrid passive design solution is user responsive, minimising energy consumption and reducing operational costs. It is an engagement in Design-Driven Innovation creating the opportunity for a new eco-luxury sub-sector within the ultra-luxury cruise ship market sector
Description:	Draft conference paper
Target group:	All stakeholders
Result:	Marine passive design methodology
Area of application:	Commercial vessels
Homepage:	https://www.academia.edu/5459416/NEXT_GENERATION_ULTRA-LUXURY_CRUISE_SHIP_A_PASSIVE_DESIGN_ECO-LUXURY_CRUISE_SHIP_FOR_THE_MEDITERRANEAN
Product Languages:	Engels

Product 'EBDIG-WFSV Industry Needs Report'

Title:	EBDIG-WFSV Industry Needs Report
Product Type:	teaching material
Marketing Text:	OVERVIEW: Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Interior design principles applied to vessel accommodation will help to reduce the adverse effects of shift work, through creating a low stress appealing living environment. Human Factor Integration (well established in the defence sector) in the design of the bridge will reduces cognitive workload and hence reduce the risk of human error, the most significant cause of marine accidents
Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/13225101/EBDIG-WFSV_Industry_Needs_Report
Product Languages:	Engels

Product 'EBDIG-WFSV Industry Needs Report'

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Marketing Text:	OVERVIEW: Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Interior design principles applied to vessel accommodation will help to reduce the adverse effects of shift work, through creating a low stress appealing living environment. Human Factor Integration (well established in the defence sector) in the design of the bridge will reduces cognitive workload and hence reduce the risk of human error, the most significant cause of marine accidents
Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/15697627/Rapport_Industrie_Behoeften
Product Languages:	Nederlands

Product 'EBDIG-WFSV Industry Needs Report'

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Product Type:	teaching material
Marketing Text:	OVERVIEW: Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Interior design principles applied to vessel accommodation will help to reduce the adverse effects of shift work, through creating a low stress appealing living environment. Human Factor Integration (well established in the defence sector) in the design of the bridge will reduces cognitive workload and hence reduce the risk of human error, the most significant cause of marine accidents
Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/15360474/Rapport_sur_les_besoins_de_l_industrie
Product Languages:	Frans

Product 'EBDIG-WFSV Industry Needs Report'

Title:	EBDIG-WFSV Industry Needs Report
Product Type:	teaching material
Marketing Text:	OVERVIEW: Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Interior design principles applied to vessel accommodation will help to reduce the adverse effects of shift work, through creating a low stress appealing living environment. Human Factor Integration (well established in the defence sector) in the design of the bridge will reduces cognitive workload and hence reduce the risk of human error, the most significant cause of marine accidents
Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/14394050/%CE%88%CE%BA%CE%B8%CE%B5%CF%83%CE%B7_%CE%B3%CE%B9%CE%B1_%CF%84%CE%B9%CF%82_%CE%B1%CE%BD%CE%AC%CE%B3%CE%BA%CE%B5%CF%82_%CF%84%CE%B7%CF%82_%CE%B2%CE%B9%CE%BF%CE%BC%CE%B7%CF%87%CE%B1%CE%BD%CE%AF%CE%B1%CF%82
Product Languages:	Greek

Product 'EBDIG-WFSV Industry Needs Report'

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Product Type:	teaching material
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Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/14394034/Sanayii_%C4%B0htiya%C3%A7lar%C4%B1_Raporu
Product Languages:	Turkish

Product 'EBDIG-WFSV Industry Needs Report'

Title:	EBDIG-WFSV Industry Needs Report
Product Type:	teaching material
Marketing Text:	OVERVIEW: Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Interior design principles applied to vessel accommodation will help to reduce the adverse effects of shift work, through creating a low stress appealing living environment. Human Factor Integration (well established in the defence sector) in the design of the bridge will reduces cognitive workload and hence reduce the risk of human error, the most significant cause of marine accidents
Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/14394031/Relazione_sulle_Necessit%C3%A0_dell_Industria
Product Languages:	Italian

Product 'EBDIG-WFSV Industry Needs Report'

Title:	EBDIG-WFSV Industry Needs Report
Product Type:	teaching material
Marketing Text:	OVERVIEW: Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Interior design principles applied to vessel accommodation will help to reduce the adverse effects of shift work, through creating a low stress appealing living environment. Human Factor Integration (well established in the defence sector) in the design of the bridge will reduces cognitive workload and hence reduce the risk of human error, the most significant cause of marine accidents
Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/14394024/Behovsrapport_f%C3%B6r_marin_industri_kopplat_till_havsbaserad_vindkraft
Product Languages:	Zweeds

Product 'EBDIG-WFSV Industry Needs Report'

Title:	EBDIG-WFSV Industry Needs Report
Product Type:	teaching material
Marketing Text:	OVERVIEW: Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Interior design principles applied to vessel accommodation will help to reduce the adverse effects of shift work, through creating a low stress appealing living environment. Human Factor Integration (well established in the defence sector) in the design of the bridge will reduces cognitive workload and hence reduce the risk of human error, the most significant cause of marine accidents
Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/14393987/Anforderungsbericht_der_Industrie
Product Languages:	Duits

Product 'EBDIG-WFSV Industry Needs Report'

Title:	EBDIG-WFSV Industry Needs Report
Product Type:	teaching material
Marketing Text:	OVERVIEW: Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Interior design principles applied to vessel accommodation will help to reduce the adverse effects of shift work, through creating a low stress appealing living environment. Human Factor Integration (well established in the defence sector) in the design of the bridge will reduces cognitive workload and hence reduce the risk of human error, the most significant cause of marine accidents
Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/15907215/Relat%C3%B3rio_de_Necessidades_da_Ind%C3%BAstria
Product Languages:	Portuguese

Product 'EBDIG-WFSV Industry Needs Report'

Title:	EBDIG-WFSV Industry Needs Report
Product Type:	teaching material
Marketing Text:	OVERVIEW: Recent research has indicated that current wind farm support vessels will not be appropriate for accessing far shore wind farms. In order to improve operability of WFSV accessing the far shore wind farms, mothership vessels will be required. Interior design principles applied to vessel accommodation will help to reduce the adverse effects of shift work, through creating a low stress appealing living environment. Human Factor Integration (well established in the defence sector) in the design of the bridge will reduces cognitive workload and hence reduce the risk of human error, the most significant cause of marine accidents
Description:	Industry needs report
Target group:	All stakeholders
Result:	Industry needs analysis
Area of application:	WFSV and WFSV mothership design
Homepage:	https://www.academia.edu/16410312/Informe_de_Necesidades_de_la_Industria
Product Languages:	Spaans

Events

RINA Conference: Influence of EEDI on Ship Design

Date	24.09.2014
Description	RINA Conference: Influence of EEDI on Ship Design Presentation on the potential of Passive Design to enhance Human Factors and reduce CO2
Target audience	CEO Consultancy Enterprise large SME
Public	Event is open to the public
Contact Information	
Time and place	2 day conference RINA HQ London

RINA Marine Design Conference

Date	03.09.2014
Description	Marine Design Conference, where a number of paper relating to course content were delivered by project partners including the Marine Design Manifesto.
Target audience	CEO Consultancy Enterprise large SME
Public	Event is open to the public
Contact Information	
Time and place	2 day conference Coventry University

Events

Developing Specialist Wind Vessels Summit 2014

Date	09.04.2014
Description	Developing Specialist Wind Vessels Summit 2014 ACI Wind Farm Support vessel conference: Dr Sean McCartan delivered the Chairman's speech. Delineating the potential of the EBDIG-WFSV project to the offshore wind industry
Target audience	CEO Consultancy Enterprise large SME
Public	Event is open to the public
Contact Information	
Time and place	2 day conference in Thistle Hotel Aberdeen

RINA Human Factors conference:

Date	26.02.2014
Description	RINA Human Factors conference: Presentation and paper about the potential of Industial Design to address the needs of offshore crew in the Oil & Gas industry. Delineating the potential of the Human Factors elements of the EBDIG-WFSV project to be adapted to the Oil & Gas industry
Target audience	CEO Consultancy Enterprise large SME
Public	Event is open to the public
Contact Information	
Time and place	2 day conference RINA HQ London

Events

RINA Wind Farm Support vessel conference:

Date	29.01.2014
Description	RINA Wind Farm Support vessel conference: Presentation and paper about the potential of Marine Design to address the needs of offshore crew in the development of two distinctive Wind Farm Support Vessel motherships platform types. Delineating the potential of the EBDIG-WFSV project to the offshore wind industry
Target audience	CEO Consultancy Enterprise large SME
Public	Event is open to the public
Contact Information	
Time and place	2 day conference RINA HQ London

RINA Passenger ferry conference:

Date	20.11.2013
Description	Presentation and paper about the potential of Marine Passive Design as an integral part of the Marine Design process to reduce Co2 emissions and help address future EU EDDI legislation for shipping
Target audience	CEO Consultancy Enterprise large SME
Public	Event is open to the public
Contact Information	
Time and place	2 day conference RINA HQ London