

Project Profile Sheet

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| Name of the Organisation | Maritime Field Investigation Group of the University of Oviedo (MaFIG-UniOvi) | |
| Organisation Type | Public and nonprofit university | |
| Contact Person | Horacio J. Montes Coto | Position: Senior Lecturer & coordinator of MaFIG-UniOvi |
| Email | horacio@uniovi.es | Website: www.uniovi.es |
| Address | Departemente of Nautical Science and technology | |
| Fields of Activity | Teaching, training & researching in maritime transport, safety & security, pollution prevention & fight, oceanography (precision bathymetries & phonografies with side scan sonar), international, european & and nationa maritime laws. | |
| Skills and Expertise Offered | Research in the fields of activity. We will expose 4 proposals of project with the aim of gaining partners to form a consortium for each one of them. Two of our proposals will be in the SST call and other two in the call "NANOSCIENCES, NANOTECHNOLOGIES, MATERIALS AND NEW PRODUCTION TECHNOLOGIES -NMP" | |

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| Project Proposal Title | Improving shipping safety taking in account the human element factors from ship design and operation points of view |
| Project Proposal Acronym | Humans 4 Safety |
| Topic(s) | SST.2012.4.1-1. Human elemant factors in shipping safety (Example: SST.2012.2.2-1. Green vessels for efficient logistics chain) |
| Abstract | The combined and integrated effects of human error and intervention have shown to be a major consideration in the estimation of the probability of strucural failure. Our intention is that all topic activities be covered, with special attention about the roll of woman factor in shipping. |
| Main Work Packages | - Multi-disciplinary, human centred design optimisation. - Goal setting approaches for future application of complex human-centred systems. |

Supporting Organisations:-



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| | <ul style="list-style-type: none"> - Significance of management options and organisational factors. - Novel concepts for integrating human performance and physical capabilities with advanced means in risk-based inspection approaches. - Operation, maintenance and intelligent evacuation concepts. |
| Current Consortium (Partners, Organisation Types) | MaFig-UniOvi and CETEMAR |
| Partners Required | Shipbuilders, ship design consulting, universities, technology institutes, software developers and human element factor experts. |

Supporting Organisations:-

