

ERA-NET MARTEC 2006 - 2015

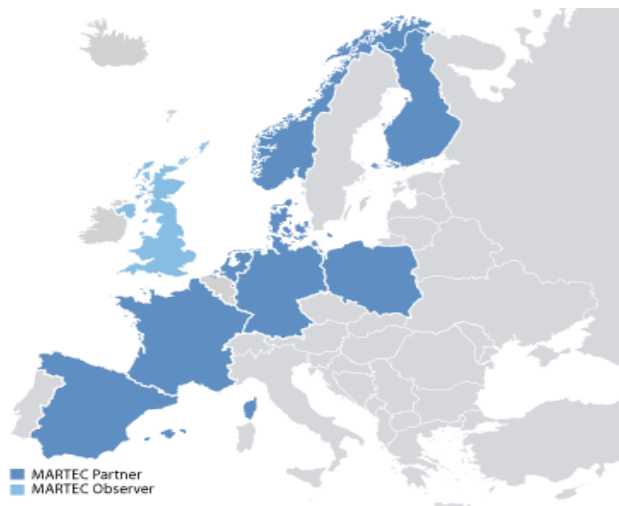
Funded by the European Commission, 7th Framework Programme

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MARTEC II - ERA-NET on Maritime Technologies

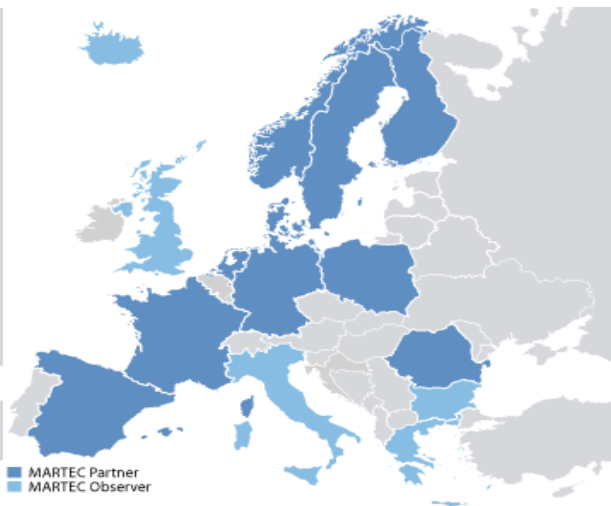
- › **The European Network for maritime technologies:** shipbuilding, maritime equipment and services, environmental and climate impact, shipping, offshore technologies, fishing and aquaculture, etc.
- › 17 partners and 13 observers from 25 countries
- › Annual calls 2008 – 2015
- › 37 funded projects with total funds of 38 Mio. € and total costs of 61 Mio. €
- › Project database with more than 400 national and European maritime projects 2008 - 2014

MARTEC – Participating Countries



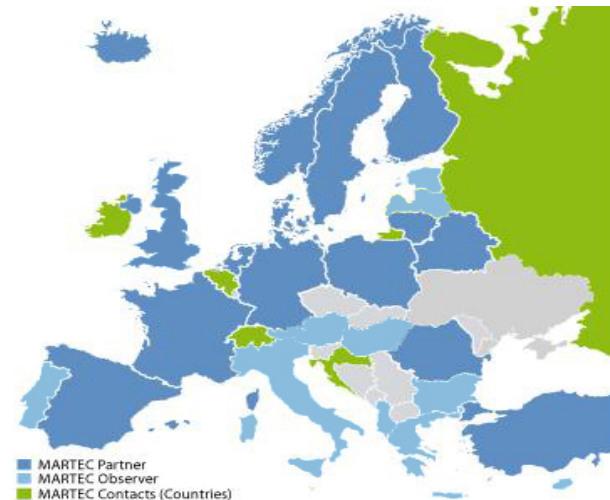
MARTEC 2006

8 Partner Countries
1 Observer Country



MARTEC 2010

10 Partner Countries
5 Observer Countries



MARTEC II 2014

15 Partner Countries
10 Observer Countries

Topics

- › Shipbuilding
- › Ship and port operation
- › Maritime equipment and services
- › Inland water and intermodal transport
- › Offshore industry/technology
- › Offshore structures for renewable energy
- › Fishing/aquaculture
- › Polar technology
- › Environmental impact
- › Safety and security
- › Human elements

MARTEC Transnational Calls 2008 - 2015

| Time Table | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | Total |
|---------------------------------|------|------|------|------|------|------|------|------|-------------|
| Submission (pre proposal) | 15 | none | none | none | none | none | none | None | 15 |
| Submission (full proposal) | 9 | 12 | 10 | 7 | 9 | 15 | 22 | 14 | 98 |
| Int. Evaluation (full proposal) | 9 | 11 | 10 | 7 | 8 | 15 | 22 | - | 82 |
| Funded Projects | 4 | 6 | 4 | 2 | 4 | 5 | 8 | 4 | 37 |
| Funds in Mio € | 4.6 | 4.2 | 4.0 | 2.5 | 2.6 | 5.9 | 9,5 | 5,4 | 38.7 |
| Budget in Mio € | 7.0 | 6.0 | 6.3 | 5.0 | 4.6 | 9.2 | 15,6 | 7,6 | 61.3 |

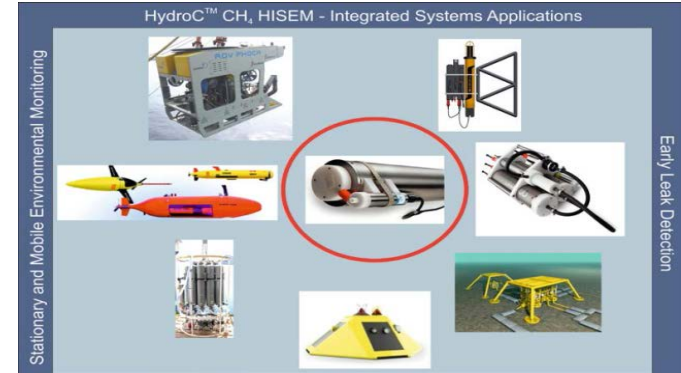
Distribution of Priority Areas in MARTEC Calls

| No | Priority Area | MARTEC CALLS | | | | | | | | |
|----|---|--------------|-----------|-----------|----------|----------|-----------|-----------|-----------|-----------|
| | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | TOTAL |
| 1 | Shipbuilding-new ship types, structures, ship design | 1 | 1 | 2 | 1 | 4 | 4 | 2 | 1 | 16 |
| 2 | Shipbuilding – production process and technology | 2 | | | | | 3 | 2 | 2 | 9 |
| 3 | Maritime equipment and services | 5 | 8 | 4 | 1 | | 2 | 10 | 5 | 35 |
| 4 | Ship and port operation services | 2 | 2 | 3 | 5 | 2 | 2 | 3 | 3 | 22 |
| 5 | Inland water and intermodal transport | | | | | | | 1 | 1 | 2 |
| 6 | Offshore industry / offshore technology | | 1 | | | | 2 | 1 | | 4 |
| 7 | Offshore structures for renewable energy | | | 1 | | 1 | | 2 | 2 | 6 |
| 8 | Polar technology | | | | | | | 1 | | 1 |
| 9 | Fishing / aquaculture | | | | | 2 | 1 | | | 3 |
| | Total | 10 | 12 | 10 | 7 | 9 | 14 | 22 | 14 | 98 |

MARTEC Projects – Maritime Equipment

High Sensitive Deep Sea Methane Monitoring

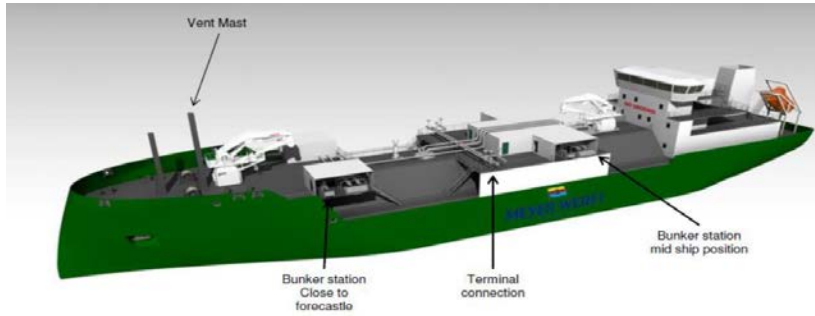
- For Offshore safety and pipeline inspection
- Early leakage detection
- Participating countries: DE and NL



OceanoScientific® System

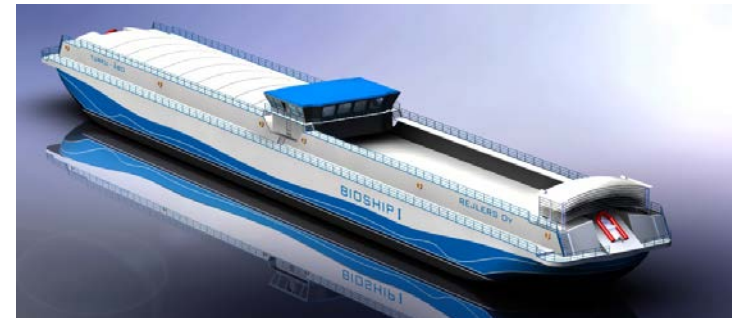
- 10 sensors for different parameters (oceanographic and atmospheric)
- Participating countries: FR and DE

MARTEC Projects – Shipbuilding



- Bunkering gas as fuel for ships
- Safe transfer of LNG onboard of gas fuelled vessels
- DE and NO

- Ultralight materials for ice breaking Cargovessels
- New material concepts with low specific weight and high stiffness
- FI and DE



JPI OCEANS

THANK YOU

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