

Center of Maritime Technologies e.V.
Competences – Projects - Interests in FP7-OCEAN-2011

Info Day **THE OCEAN OF TOMORROW**

(Call FP7-OCEAN-2011)

9 September 2010

Brussels

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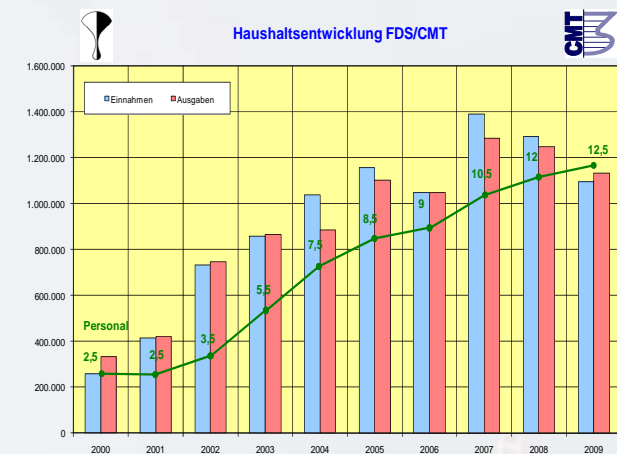
History and Development:

- **CMT founded in June 2003** as a joint initiative of German industry and academia world
- **85 members** from all maritime sectors (shipbuilding, shipping, offshore)
 - strong focus on European R&D programmes (75..80% turnover)
 - exclusively maritime RTD
 - own research activities in strategic fields
- **13 employees, ca. 1.2 Mio €turnover** (2009)



Services for Members:

- **contact point** for innovative ideas and technical questions;
- **Information** on R&D funding programmes, projects and competences;
- **strategy development** and **political support** in Germany and Europe;
- **R&D network** and joint development of **competences**;
- **technology transfer** and **application of R&D results**;
- own resources for **contract research** and development.



- Since 2002:
 - about 40 involvements in funded RTD Projects;
 - about 35 direct industry contracts+
 - more than 40 German Joint Industry Projects (SME).

- Main **Fields of Expertise**:
 - Investment and Production Planning;
 - Joining, Production Equipment, Process Development, Approval, Quality;
 - Strength, Materials (metallic and composite);
 - Ship concepts and Life Cycle Performance assessment (cost, environment, safety);
 - Ship and offshore concepts;
 - Onboard energy management, fuel cells;
 - Central Design and Tool Platform.covered with own expertise and through the CMT network.



Fotos: VSM

Interests in relation to FP7 topics

GENERAL:

- *contact point* for the involvement of German partners and of European shipyards in projects and consortia;
- dissemination and management activities (proven skills and experiences in more than 30 EU projects);
- active role – WP or task leader – organising work and partners;
- proposal coordinator (shared cost) and project management if a consortium requests.

Our expertise and skills & proposed activities

- The expert work CMT is interested to carry out include particularly the following areas:
- Development of innovative concepts for offshore platforms, e.g. floating versus fixed foundation, potentials of using innovative materials;
- Development of concepts and ships for the efficient and safe installation as well as for any transport operations related to offshore platforms;
- Planning and simulation of work operations and resources related to the installation, repair and maintenance, removal of offshore platforms;
- Planning and simulation of logistic chains including offshore as well as terminals;
- Cost and life cycle performance assessment of multi- and single use offshore platforms;
- Energy balance

Role in the project

CMT could:

- take active and organising role (work package or task leader),
- take care of bringing together relevant partners,
- support project management and dissemination.

***Thank you for your attention!
Questions and comments are welcome !***



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