



Center of Maritime Technologies e.V.

Competences & Interests in FP7- Call 5

FP7 Maritime Transport Brokerage Event 2011 London

Anastasia WALTER



Introducing CMT

Association

Research Centre

Skills & Expertise in relation to the Call and its Topics

CMT Interests in FP7-Transport - Call 5 (2012)

History and Development:

CMT founded in June 2003 as a joint initiative of industry, research and the German administration

- strong focus on European research projects (75..80% turnover);
- all maritime sectors (shipbuilding, shipping, offshore);
- own research activities in strategic fields.

ca. **15+ employees, ca. 1,24 Mio € turnover** (2010)

Association with 85 members

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:
 - 33 involvements in funded R&D Projects;
 - 42 direct industry contracts;
 - about 330 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 cell
- Environmental and economic impact assessment
- Central design and tool platform.
- covered with own expertise and through the CMT network.



Photos: VSM

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 33 EU projects);
- Active role – WP or task leader – organizing work and partners;
- Proposal coordinator (shared cost) and project management if a consortium requests.

List of technical subjects of interest: see Partner Search Forms

For details and contacts – see [Partner Search Forms](#)

Collaborative projects

SST.2012.2.2-1. Innovative fleet for efficient logistics chain

SST.2012.3.1-2. Innovative design and operation of new or upgraded efficient urban transport interchanges

SST.2012.4.1-1. Human element factors in shipping safety

SST.2012.5.2-1. Tools and conditions for attractive, efficient and competitive single wagonload traffic and its interaction with road and intermodal transports

SST.2012.5.2-2. Next generation tools for optimised infrastructure asset management

SST.2012.5.2-3. Innovative structural and outfitting materials for ships including inland ships

SST.2012.5.2-5. E-guided vessels: the 'autonomous' ship

For details and contacts – see [Partner Search Forms](#)

Collaborative projects

GC.SST.2012.3-1. Towards sustainable interconnected logistics - development of standardised and modular solutions for freight transport vehicles, loading units and transshipment equipment

GC.SST.2012.3-4. Green hubs enabling co-modal network design

Coordination actions – SST

SST.2012.1.1-2. Support to the development of joint programming in marine and maritime research to address cross-cutting sea-related challenges (Support Action within the framework of the ‘Ocean of Tomorrow’)

SST.2012.3.1-3. Take-up of transport innovation in urban and regional transport

SST.2012.4.1-2. Safety of ships in Arctic conditions

GC.SST.2012.3-3. Platform for continuous intermodal freight transport strategic research and innovation

Coordination actions - TPT

TPT.2012.1-2. Transport infrastructure impact on international competitiveness of Europe.

TPT.2012.1-3. Prospects for transport evolution: challenges for the competitiveness of the European transport sector in the long term.

TPT.2012.2-2. Reduction of the vulnerability of the European Transport System to extreme weather events and natural disasters.

TPT.2012.3-1. Fostering innovation for trans-national cooperation in European transport research and promoting active participation of stakeholders in European research calls and projects.

TPT.2012.3-2. Bringing innovative products and services to the market: analysis of pathways and best conditions for innovation

TPT.2012.3-1. Fostering innovation for trans-national cooperation in European transport research and promoting active participation of stakeholders in European research calls and projects.

TPT.2012.3-2. Bringing innovative products and services to the market: analysis of pathways and best conditions for innovation



Thank you for your attention!

Questions and comments are welcome !



Anastasia Walter

Center of Maritime Technologies e.V.

Bramfelder Str. 164

22305 Hamburg

Tel. +49 (0) 40 – 691 99 47

Mail: walter@cmt-net.org

Web: www.cmt-net.org