



# WONDERMAR Workshop Delft 20 February 2003

Welcome



# WONDERMAR Workshop Delft 20 February 2003

Introduction & Project overview

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TNO Building & Construction Research  
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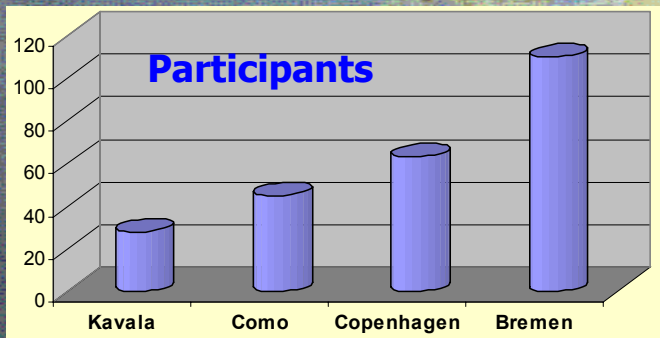
- History WONDERMAR I
- WONDERMAR II
  - Objectives
  - Working Structure
  - Partners
  - Schedule
  - Website
- Workshops
- Agenda for today



# History WONDERMAR I

- **Marvelous 1995 - 1997**
- **Esprit Cluster „Maritime Engineering“ 1998**
- **WonderMar I 1999-2000**  
(Workshops and Integrated Projects Reporting Days)

- **Information Technology for the European Maritime Industry**
- **Intercompany Communication and Online Transaction Security**
- **eCommerce for the Maritime Industry**
- **Internet based Workflow and eBusiness for Maritime Industries**



● Copenhagen 2000

● Bremen 2000

● Como 1999

● Kavala 1999



# *WONDER MAR II Objectives (1)*

- Forging of links between project teams, which carry out RTD or take-up activities for a common industry
- Improve the systematic exchange of information
- Discuss technological developments in an internal forum
- Recommend Standards and Protocols for business applications
- **Contribute to the Maritime R&D Masterplan**

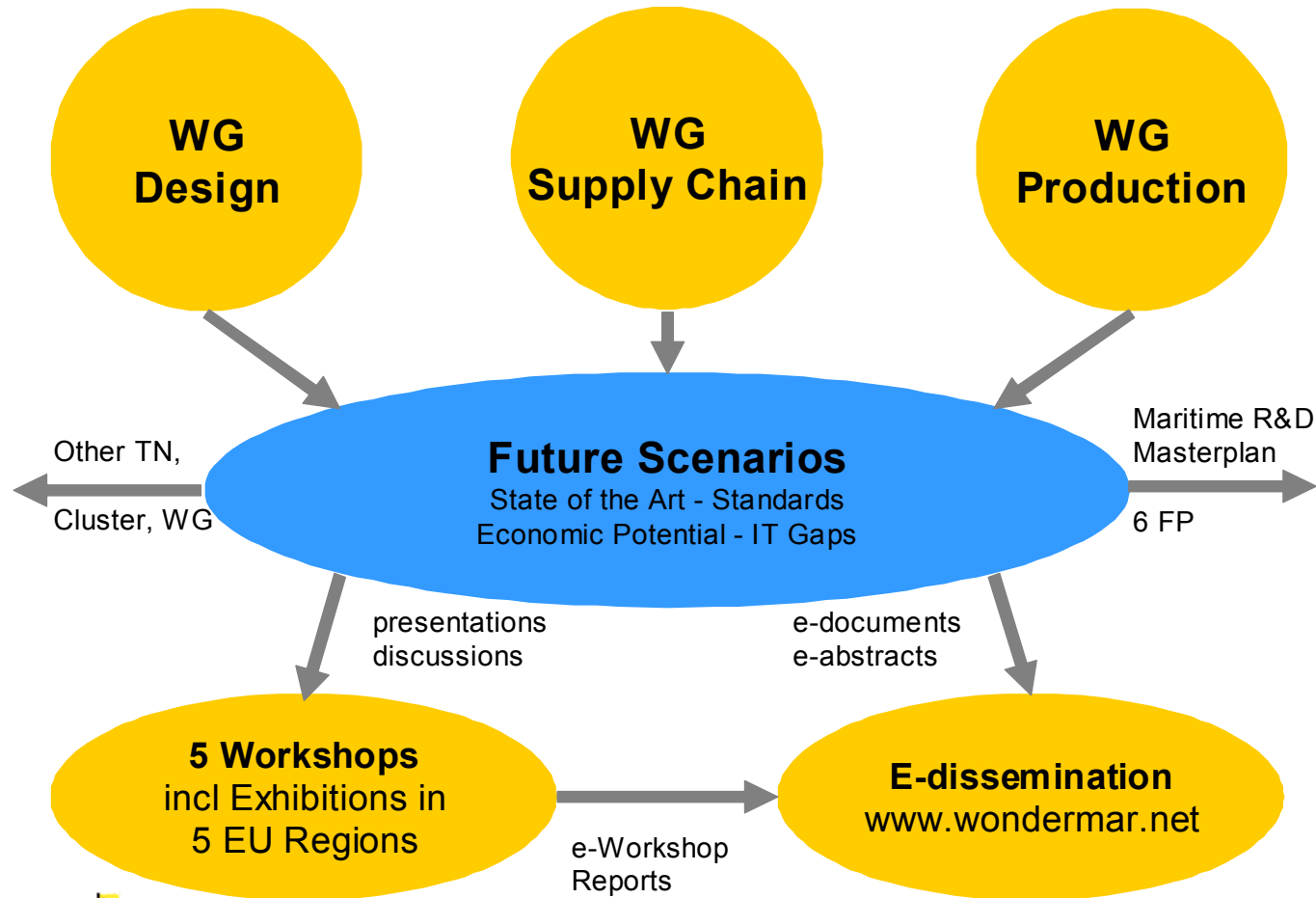


## *WONDER MAR II Objectives (2)*

- Disseminate and multiply information to outside of the RTD community
- Disseminate project results into European regions and to a broader maritime community
- Bring European experts from Research and Industry to regional maritime areas
- Inform regional industry, especially SME's about technology trends and actual developments in EU Research
- Encourage rapid take-up of new technologies



# WONDER MAR II Working Structure



# Company assignment (starting condition)

Editor	Design (PMA)		Production (BMT)		Supply Chain (BAL)	
Shipyards	KWW	GDYNIA	OSS	IZAR	JLM	FC
			KMY	LIS	CA	(RS)
Classification	DNV	GL				
	BV					
System Provider	Sener	NAPA	Tribon	OPI	LMC	Unique
	Cenit					
Other	TIS	IST	TNO		BIBA	
	CTO					





# WONDER MAR II Partners

- 30 European Partners from the Maritime European Research Area, 12 European Countries
- 10 Shipyards
- 3 Classification Societies
- 7 Maritime System Providers
- 10 Technical Experts, Consulting, Academia
- Three main editors: BALance, BMT, Principia Marine
- Duration: 10/2001 – 3/2004, Budget: 1.500 k€



# Schedule (Overall)

Project Month	1st Year												2nd Year												3rd Year					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<b>WP 1 WONDERMAR events</b>																														
Public Workshop Gdansk/P				D2																										
Public Workshop Malmoe/S										D4																				
Public Workshop Delft/NL															D5															
Public Workshop Lisboa/P																					D7									
Public Workshop Bremen/D																												D8		
<b>WP 2 Expert groups</b>																														
design support				D3A											D6A														D9A	
manufacturing and assembly				D3B											D6B														D9B	
supply chain and logistics				D3C											D7B														D9C	
Expert Group Meetings	■				■								■			■									■				■	
<b>WP 3 Electronic dissemination</b>																														
build and maintain website			D1																											D10
<b>WP 4 Co-ordination/ secretary</b>																														
networking, master-editing, administrative management, continuous evaluation																														
Kick-off, project assembly	■				■						■					■						■						■		
<b>Milestones</b>						▼											▼													▼



- Basis: Wondermar I webpage
- Content
  - Project goals
  - Partnership
  - Related projects
  - Information about events
  - Project results
  - Internal part, access to project management tool
- Planned extension
  - To Publish results of D6 as an internet database
  - To Extend number of represented projects
  - Online Discussion Forum



[www.wondermar.net](http://www.wondermar.net)

WONDERMAR II

HOME  
OBJECTIVES  
PROJECTS  
PARTNERS  
EVENTS  
CONTACT  
DOWNLOAD  
MEMBERS ONLY

WONDERMAR II

WONDERMAR II

Europe's maritime industry appears to be an economic micro cosmos. 120 shipyards and 9000 suppliers are co-operating to produce ships worth 10 Billion Euro a year. **Enhancing the competitiveness of this community of enterprises** can provide for a more sustainable economy by enabling them towards better interoperability in design and that other maritime communities interaction and, in particular, improvements in respect to management by **increased awareness and information**.

The first WONDERMAR project (WONDERMAR II (IST-2001-33017 Industries'), strives to improve on **and experience** in the latest technology to the SMEs in five different European countries. Europe's Maritime Industries also help in the **transition of operation**. Europe's Maritime Industries

Event #1: Public  
View invitation to work  
Download related documents

Visit WONDERMAR I

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Relevant Projects

The following is a list of projects implementing innovative technology in the maritime industry. Information such as project objectives, description of work, milestones, website, coordinator name and contact information are presented.

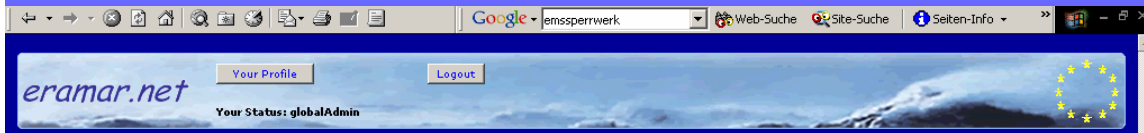
List Of Projects

- DISCOMP**  
Improvement of Competitiveness by Distributed Component Based Development of Embedded Software
- DYCONET**  
DYNAMIC Inter-Organisational CO-operative NETWORK for the Maritime Industry
- E-NTRY**  
Electronic Tendering, Bidding, and Negotiation Real Time System
- EPI-SPARK**  
Enhanced Protection of IPR by streamlined Provision of Access to Regulatory Knowledge
- INSPIRE**  
Intelligent Support for People Oriented Process Re-Engineering and Change Management
- LIAISE**  
Local Intelligent Agent as Informed Sales Expert
- MEDIAT-SME**  
Methodology and Tools for World-best Introduction of Innovative Market Mediation System and Services in Traditional SMEs
- OPTINAV**  
The Optimal Navigation Support System

Visit WONDERMAR I

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www.eraamar.net

**Motivation**

- Maritime Society
- Socioeco Impact
- High-Tech

**RTD Network**

- MIF RDSP
- Masterplan
- Events
- Industry
- Contact
- Downloads

**Project Navigator**

- Thematic Networks
- European RTD
- MAREXPO RTD

**Proposal Support**

- Programmes
- State-of-the-Art
- European Policy
- Partner Search
- SME Database

**Services**

- Project Managmt
- Libraries
- Yellow Pages
- Market Intelligence
- Statistics
- Qualification
- Expert Network

**eramar**

Growth G3RT-CT-2001-05055

Project Partners

**ETISMAR European Maritime SME Database**

In maritime industries, small and medium sized enterprises (SME's) play an important role by providing a great versatility and a source for inexhaustible innovation. The participation of SME's is therefore an essential element in European research and innovation policy. Tailor-made programmes, special activities and targeted actions specifically for SME's are available and provide a great chance to benefit from European RTD funding for innovation and research. To facilitate the search for qualified, complimentary and powerful partners the European intelligence action ETISMAR supported the building of SME consortia and the building of a SME supportive community. 25 supporting organisations from 11 European Member States have built an impressive database of more than 2,000 maritime SME's from all European Member States and beyond. Contact one of these 25 ETISMAR organisations. They will be happy in supporting you to find the right partner for your idea, project or innovation.

**SME's in Europe**

Support to find SME's in Europe  
You search for a maritime SME partner in Europe?  
Contact one of our ETISMAR agents from the county of your choice.

NO COUNTRY

This service will be available soon. In the meantime please use the [Etismar](#) Web-Site.

Search Reset

**SME Search Site**

Search ETISMAR SME Database (authorised partners only, other please contact one of the organisations on the left).

Company:

Country:

Business:

Pos.:

Domain of work:

Techn. Field:

Field of Application:

Techn. core competence:

**Search Results**

1. A L'ASSAUT DES REMPARTS
2. ACC
3. ACCISS BRETAGNE
4. ACE
5. ACEBI SA
6. ACH ENGINEERING
7. ACIAL
8. ACMH SAMETO
9. ACS
10. ACTE
11. ACTRIS
12. ADC SYSTEMS
13. AEROFORME
14. AET
15. ALIMAK SA
16. ALIZEE SERVICES
17. ALPHA INTERNATIONAL
18. ALTEP
19. ALTOR INDUSTRIES
20. ALU MARINE
21. AMENAGEMENTS ET DECORATION (en liquidation)
22. AMI LENGART
23. AML
24. AMORIS
25. AMSM J. FILY AGENCE
26. ANJOU TOLERIE
27. AQUITAINE ELECTRONIQUE

**eramar**

Growth G3RT-CT-2001-05055

Project Partners

**globalAdmin Section**

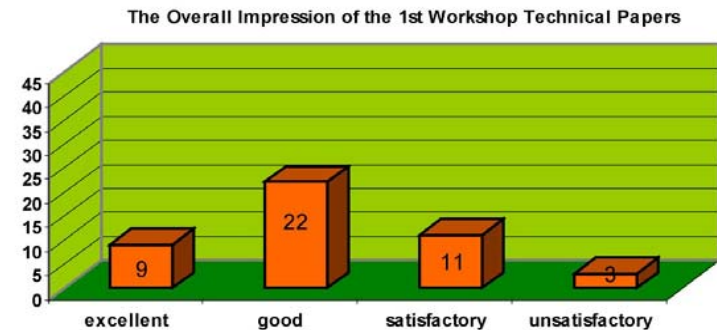
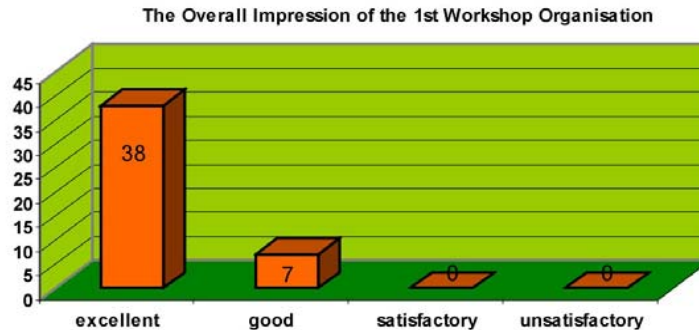
- Project Documents
- Project Events
- Project Message Board
- Project Members
- Project Partners
- Your Profile
- Logout
- Your Status : globalAdmin

Disclaimer  
Webmaster  
Website Service by  
BALANCE TC



## ■ D2 Wondermar Workshop Gdansk February 2002

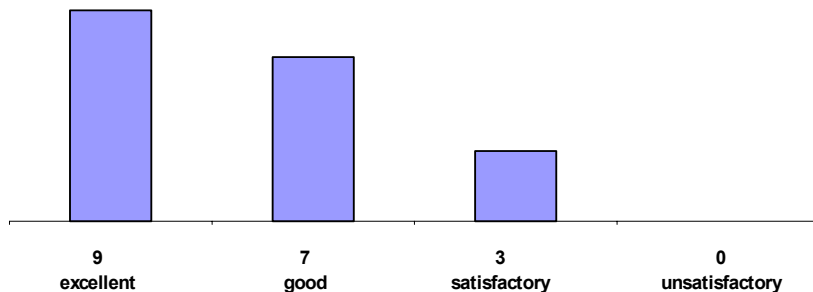
- 85 participants (61 from Poland)
- 14 countries
- 15 SMEs
- Rating



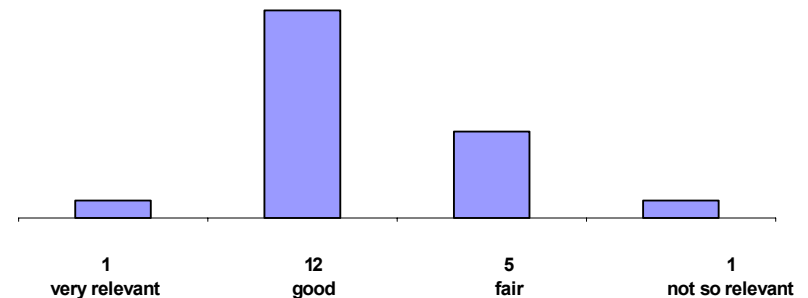
## ■ Wondermar I Workshop Bremen December 2000

- 105 participants (43 from Germany)
- 20 SMEs
- 20 suppliers, 15 yards, 13 software vendors, 10 classes, 17 academia

The Overall Impression of the Venue was:



The opinion about the content of the topics was:



- Wondermar II Workshop Malmoe 2002
  - ~ 80+ participants
  - Integrated in ICCAS (~220 participants, 20 countries)
- Benefit of WP 3 through perfect access to state-of-the-art information in ICCAS presentations





# WONDERMAR I+II Workshops

- Information Technology for the European Maritime Industry
- Intercompany Communication and Online Transaction Security
- eCommerce for the Maritime Industry
- Internet based Maritime Information Systems
- 1st Maritime Information Systems Workshop
- RTD Experiences

**Next Workshop**

**September (?) 2003  
Lisbon, Portugal**

Lisbon

1999

Wondermar Workshops with up to 100 participants



# Agenda for today

## Morning session

9:05	<b>Introduction to Wondermar and the workshop</b>	<b>Leo de Vries</b> TNO, The Netherlands	
9:20	<b>Future scenario <u>design</u></b> <i>30 min - presentation dialogue</i> <i>30 min - interactive discussion</i>	<b>Jean-Ives Pradillon</b> Principia Marine, France <b>Jean-Yves Bozec</b> CMN, France	<b>Statements on the wall</b>
10:20	<b>Coffee Break – Commenting to the statements on the wall</b> Talk to the presenters, meet the experts, visit the exhibition enjoy the refreshments		
10:35	<b>Future scenario <u>production</u></b> <i>30 min - presentation dialogue</i> <i>30 min - interactive discussion</i>	<b>Fernando Caldeira</b> British Marine Technology, United Kingdom <b>Jari Kotkatvuori</b> Kvaerner Masa-Yards, Finland	
11:35	<b>Future scenario <u>supply chain &amp; logistics</u></b> <i>30 min - presentation dialogue</i> <i>30 min - interactive discussion</i>	<b>Stephan Wurst</b> BALance Technology Consulting, Germany <b>Marco Cremon</b> Fincantieri, Italy	
12:35	<b>Evaluation</b>	<b>Johan Neuteboom</b> TNO, The Netherlands	
12:50	<b>Lunch – Commenting to the statements on the wall</b> Talk to the presenters, meet the experts, visit the exhibition enjoy the buffet		



## Afternoon session

13:50	<b>Trends in Maritime Industry</b>	<b>Ubald Nienhuis</b> Professor University of Delft, Nienhuis Consulting, The Netherlands NML
14:20	<b>SotA in Building and Construction Research</b>	<b>Roland van der Klauw</b> TNO, The Netherlands
14:50	<b>ICT Developments and viewpoints with a Supplies view</b>	<b>Martin Bloem</b> Holland Marine Equipment, The Netherlands
15:20	<b>Coffee Break</b> Talk to the presenters, meet the experts, visit the exhibition enjoy the refreshments	
15:35	<b>Maritime initiatives for FP6 call from EU</b>	<b>Joachim Brodda</b> BALance Technology Consulting, Germany
16:05	<b>Evaluation &amp; discussion</b>	Moderator and group experts
16:50	End of workshop	
17:00	<b>Drinks</b>	Talk to the presenters, meet the experts enjoy the refreshments



## Demonstrations of interesting developments:

- **Delftship**  
Ship Design and CAD tool (By Univ. of Delft)
- **GES**  
Integrated energy systems analysis tool (by TNO)
- **Quaestor**  
Knowledge based design system (by MARIN)
- **www.Seaequipment.com**  
catalogue for maritime products and services (by Navingo)
- **XML application case**  
Catalog products search using standards (by TNO)
- **ERAMAR website and Project Management tool**  
(by BALance Technology Consulting)
- **Information about equipment association activities**  
(by Holland Marine Equipement)

