



WONDERMAR Workshop Bremen March 2004

WONDER MAR II

Wide Open Network for Development and Research
for Maritime Industry

Thematic Network Contract IST-2001-33017

Stephan Wurst

BALance Technology Consulting

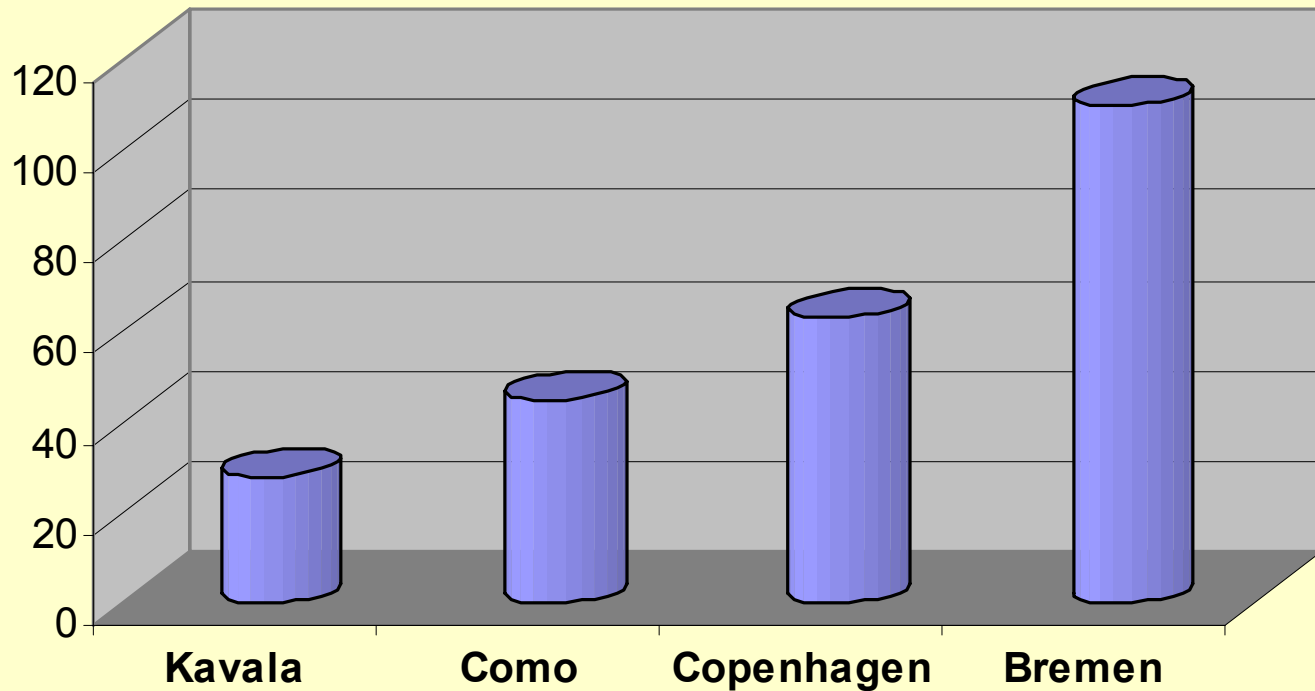


History WONDERMAR I

- 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



WONDER MAR Workshop Participants



WONDER MAR 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 Objectives (2)

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

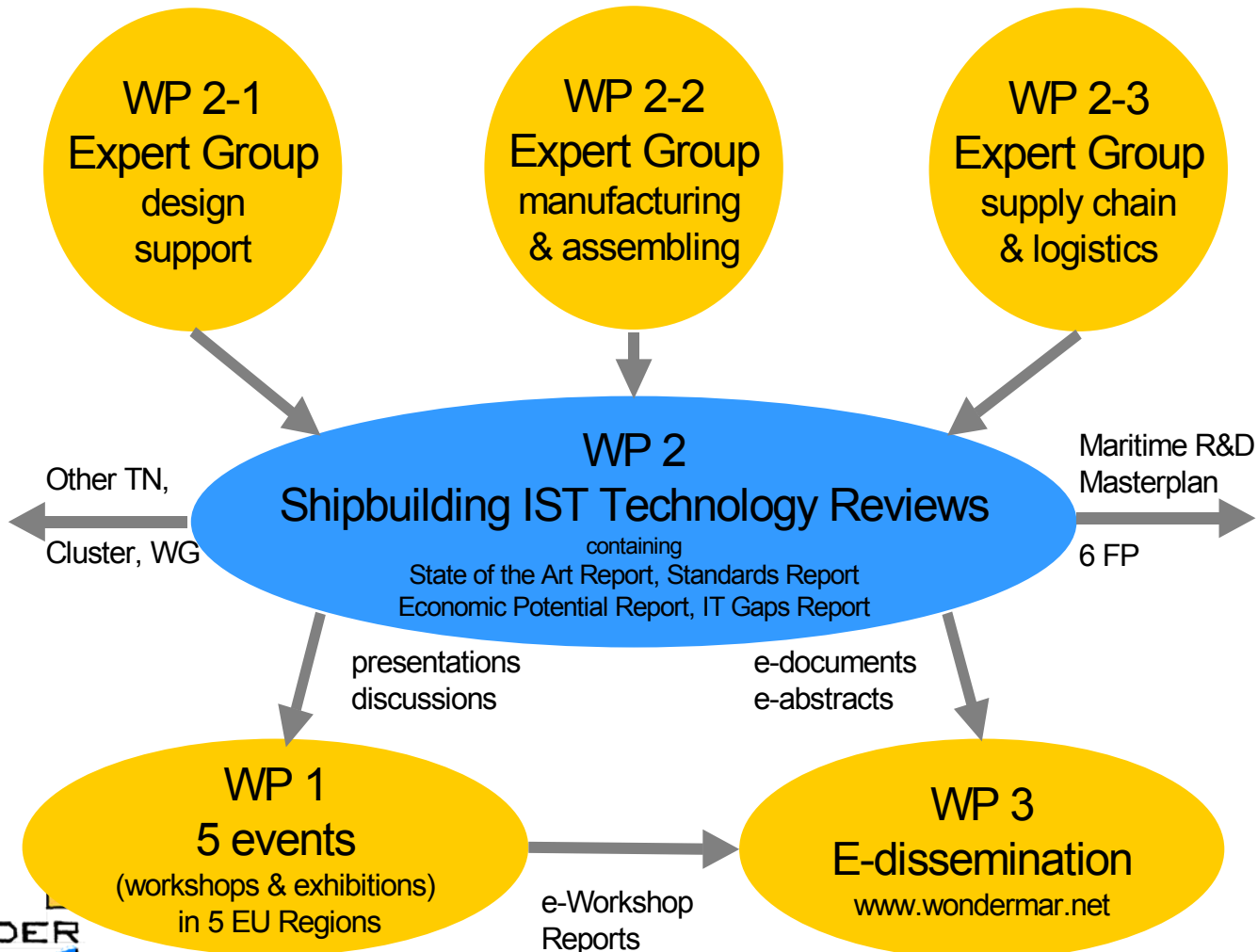


WONDER MAR II Partners

- 36 European Partners from the Maritime European Research Area
- 11 Shipyards
- 1 Supplier
- 3 Classification Societies
- 9 Maritime System Providers
- 12 Technical Experts, Consulting, Academia
- Cooperation between partners from 12 European Countries



WONDER MAR Working Structure



Wondermar Workshop - Bremen/Germany - 10 March 2004



Information Technology Review Structure

- WONDERMAR II is committed to deliver dedicated **"Shipbuilding Information Society Technology (IST) Reviews"** covering the technology areas of **design support, manufacturing and assembly, supply chain & logistics** and consisting of the following sections:
 - State of the Art in Maritime IT tools
 - Standards & Protocols recommended practice
 - Economic Potential of New Tools and Processes
 - IT Gaps in Maritime Industry
- By providing the **"Shipbuilding Information Society Technology (IST) Reviews"** (twice enhanced and updated) the maritime industry has a tool at hand allowing continuous information transfer and serving as a up-to-date knowledge source in the field of information society technology.

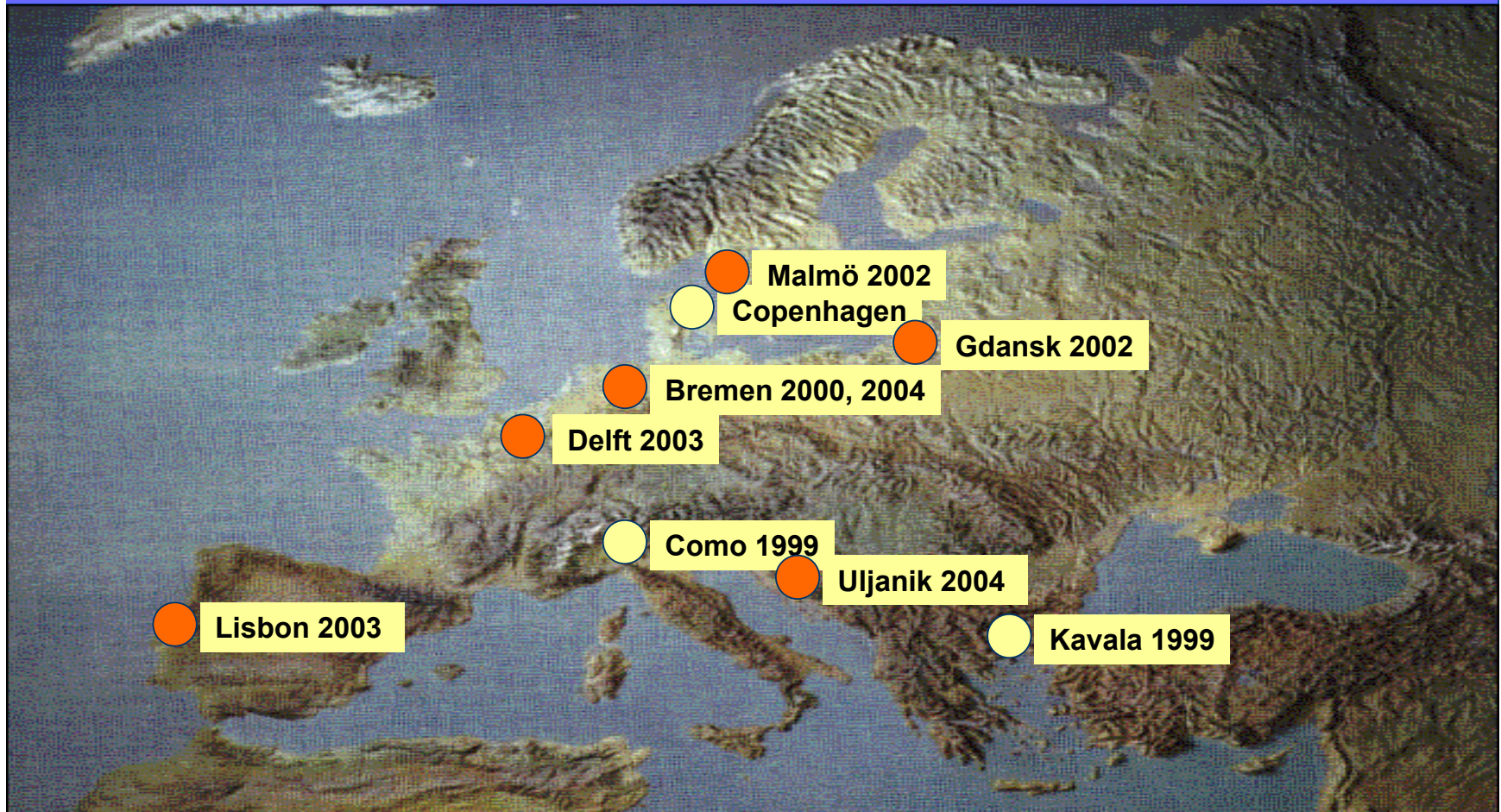


Information Technology Review Structure

Information Technology	Design	Production	Supply Chain
State-of-the Art technology, application	Retrieve information from Shipyards Classification Societies System Providers Technical Experts (External companies) In depth analysis and evaluation by Main Editors		
Standards			
Economic Potential productivity, markets			
IT Gaps			
Derive Future scenarios for IT application in the maritime industry			



WONDERMAR II Workshops



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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 im**

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

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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

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WonderMar II Consortium

Partners

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Contact Person: Jean-Yves PRADILLON
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Contact Person: Michael O'CONNOR

<http://www.wondermar.net/workshops/gdansk/Registration Form.pdf> - Microsoft Internet Explorer

Adresse <http://www.wondermar.net/workshops/gdansk/Registration%20Form.pdf>

WONDERMAR II
Public Workshop No. 1
in Gdansk, Poland
on Friday, 1st March 2002

Registration Form

Please return this registration form to: joannaw@cto.gda.pl

or by fax to: +48 58 301 1683

Questions? Phone: +48 58 301 6946

COMPANY NAME

Supplier Shipyard Software Vendor Class Society Academic Others

www.wondermar.net



- Combination of workshop and exhibition
- Workshop
 - Part 1: 3 Future scenario presentations
 - ▶ Presentation by two partners
 - ▶ Intensive discussion will follow
 - ▶ Vote on statements prepared by the presenters
 - Part 2: Further presentations of research results
 - Evaluation session in the end
- Exhibition
 - 10 organisations present exploitable IT research results
 - Visit the exhibition and discuss with the exhibitors during the breaks



Agenda (1)



8:30	Exhibition open	
9:00	Welcome	Dieter H. Müller BIBA, Germany
9:05	Introduction to Wondermar and the workshop	Stephan Wurst BALance, Germany
9:20	Future IT scenario: Ship design	Jean-Yves Pradillon + Pierre Besse Principia Marine, France + Bureau Veritas,
10:20	Coffee Break talk to the presenters, visit the exhibition, meet the experts	enjoy the refreshments



Agenda (2)



10:35	Future IT scenario: Ship production	Fernando Caldeira-Saraiva + Jari Kotkatvuori BMT, United Kingdom + Finland, Kaverner Masa-Yards
11:35	Future IT scenario: Supply chain & Logistics	Stephan Wurst + Paul Bracké BALance, Germany + Bakker Sliedrecht, The Netherlands
12:35	Lunch talk to the presenters, visit the exhibition, meet the experts	enjoy the buffet



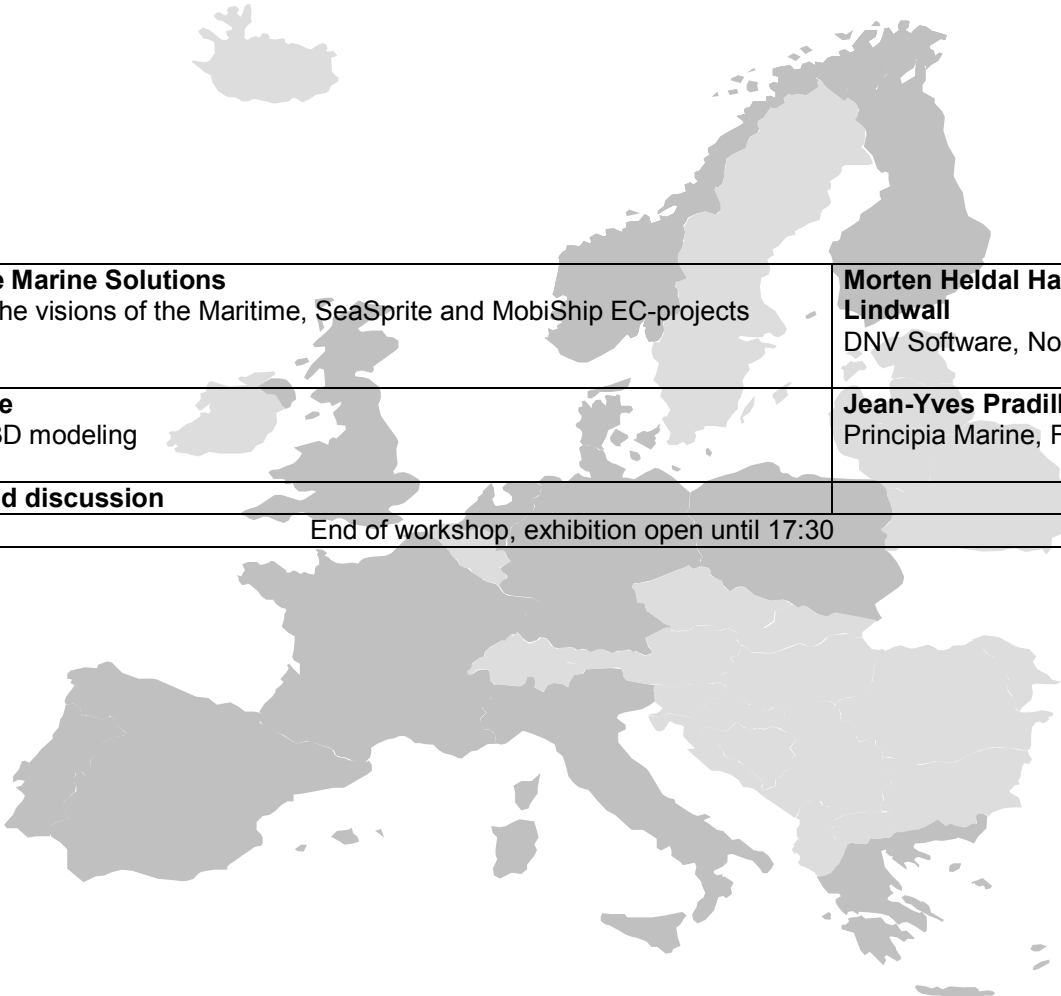
Agenda (3)



13:35	Simulation in shipbuilding	Jörg Hartmann JLM, Germany
14:05	Total performance simulations of ship energy system concepts	L.B. de Vries TNO, The Netherlands
14:35	Communication and information exchange of corporate consortia in the shipbuilding industry A practical approach	Ulrich Wirrwa + Heiko Gsell Siemens AG, Germany + BIBA, Germany
15:05	Coffee Break talk to the presenters, visit the exhibition, meet the experts	enjoy the refreshments



Agenda (4)



15:20	DNV Software Marine Solutions Delivering on the visions of the Maritime, SeaSprite and MobiShip EC-projects	Morten Heldal Haugerud + Niklas Lindwall DNV Software, Norway
16:00	Open Cascade Open source 3D modeling	Jean-Yves Pradillon Principia Marine, France
16:30	Evaluation and discussion	
16:50	End of workshop, exhibition open until 17:30	

