



WONDERMAR Workshop Pula September 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

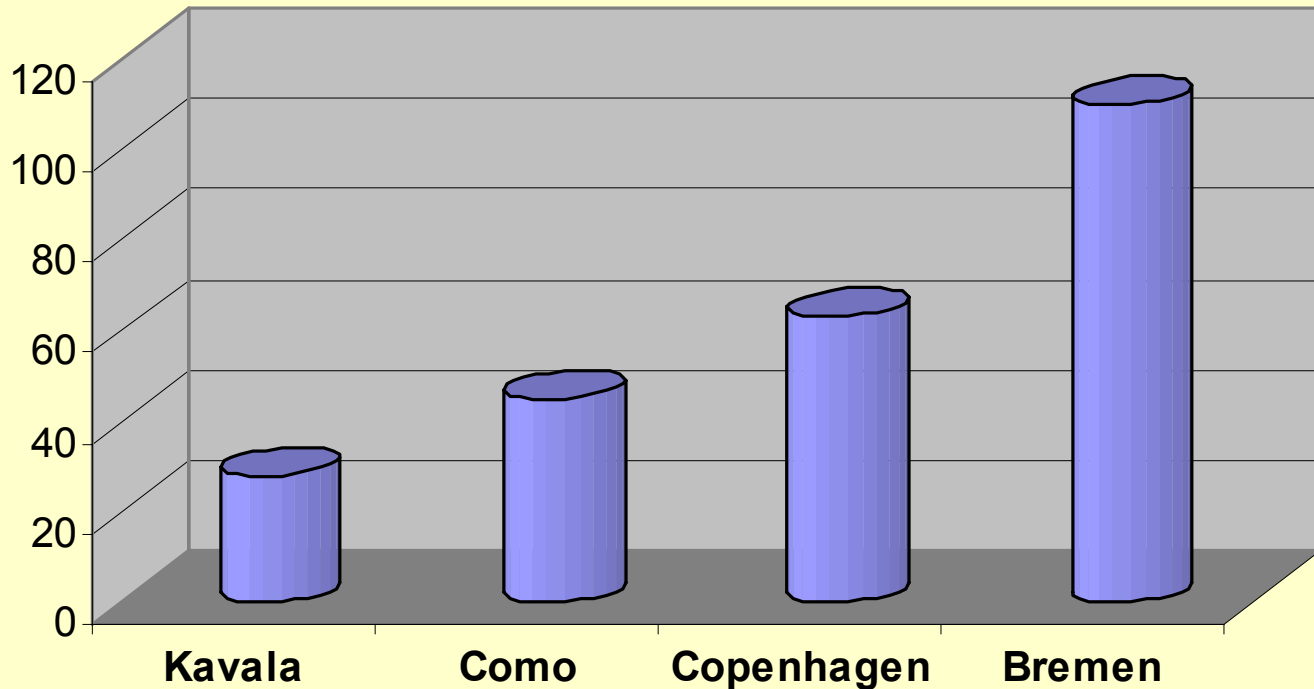


History WONDERMAR I

- 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

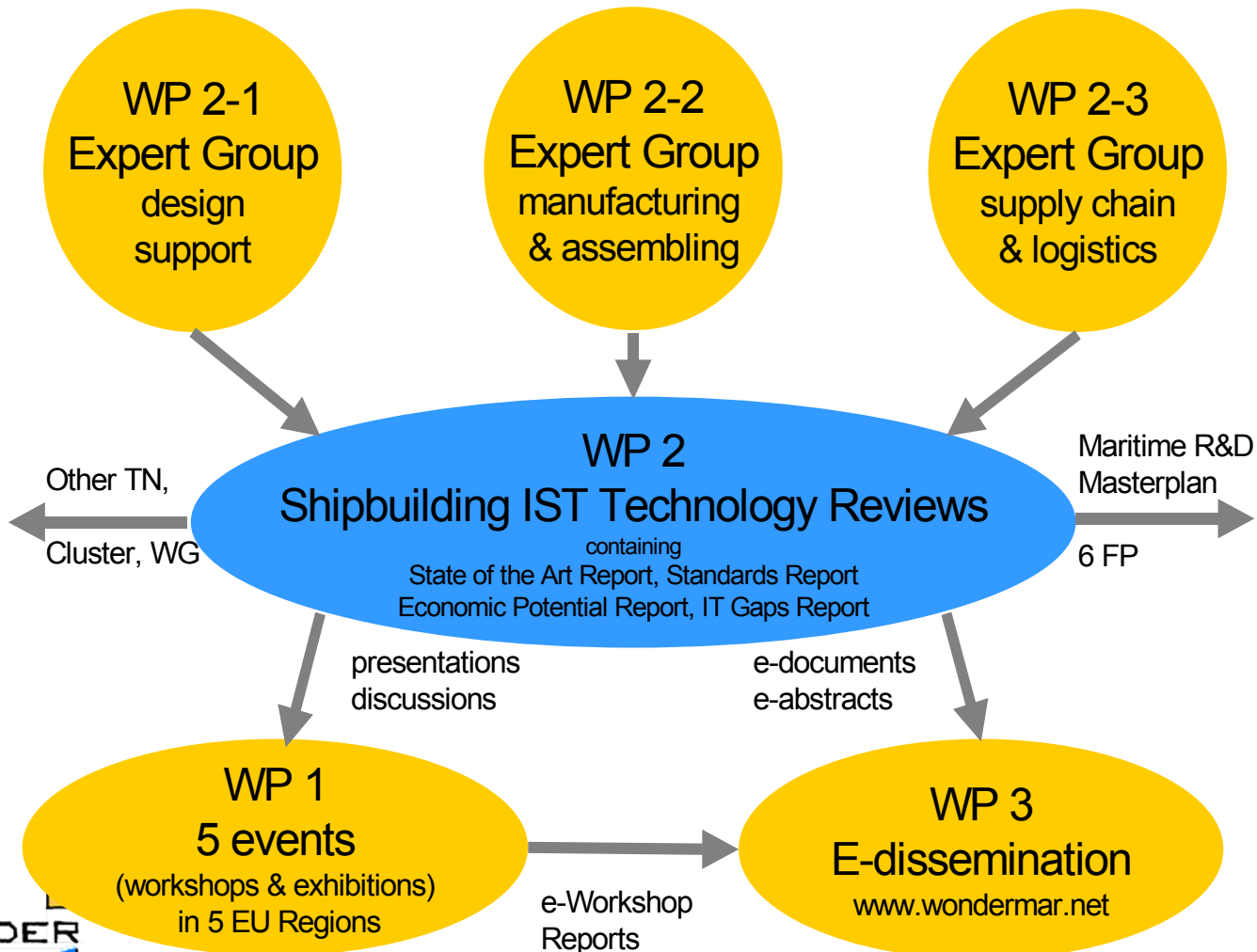


WONDER MAR II Partners

- 37 European Partners from the Maritime European Research Area
- 12 Shipyards
- 1 Supplier
- 3 Classification Societies
- 9 Maritime System Providers
- 12 Technical Experts, Consulting, Academia
- Cooperation between partners from 13 European Countries



WONDER MAR Working Structure



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.

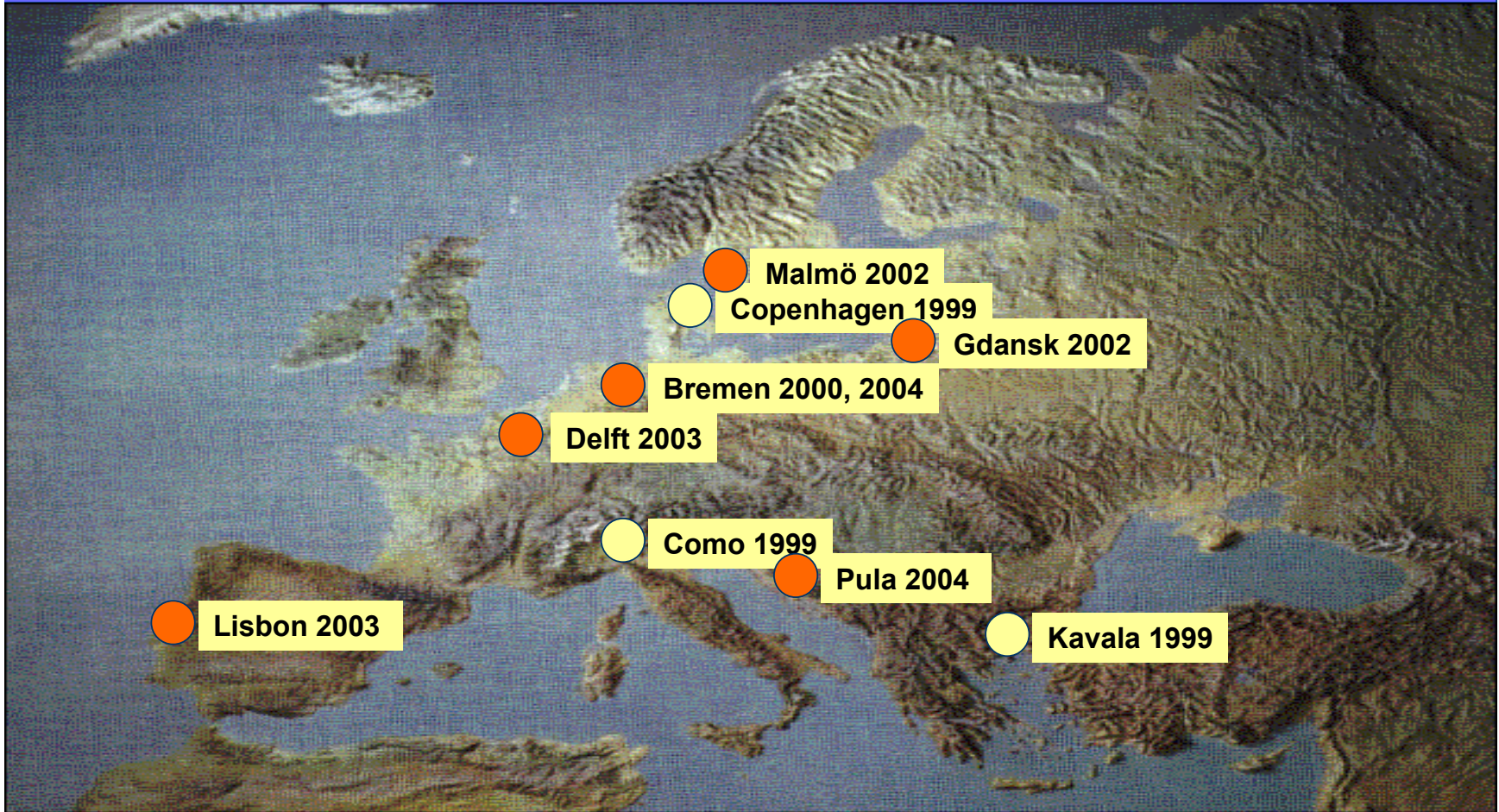


Information Technology Review Structure

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

Event #1: Public
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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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http://www.wondermar.net/workshops/gdansk/Registration Form.pdf - Microsoft Internet Explorer

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

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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
 - Presentation of Wondermar
 - Further presentations of research results
 - ▶ Presentation by one or two speakers
 - ▶ Intensive discussion will follow
 - ▶ Vote on statements prepared by the presenters
 - Evaluation session in the end
- Exhibition
 - Different organisations present exploitable IT research results
 - Visit the exhibition and discuss with the exhibitors during the breaks



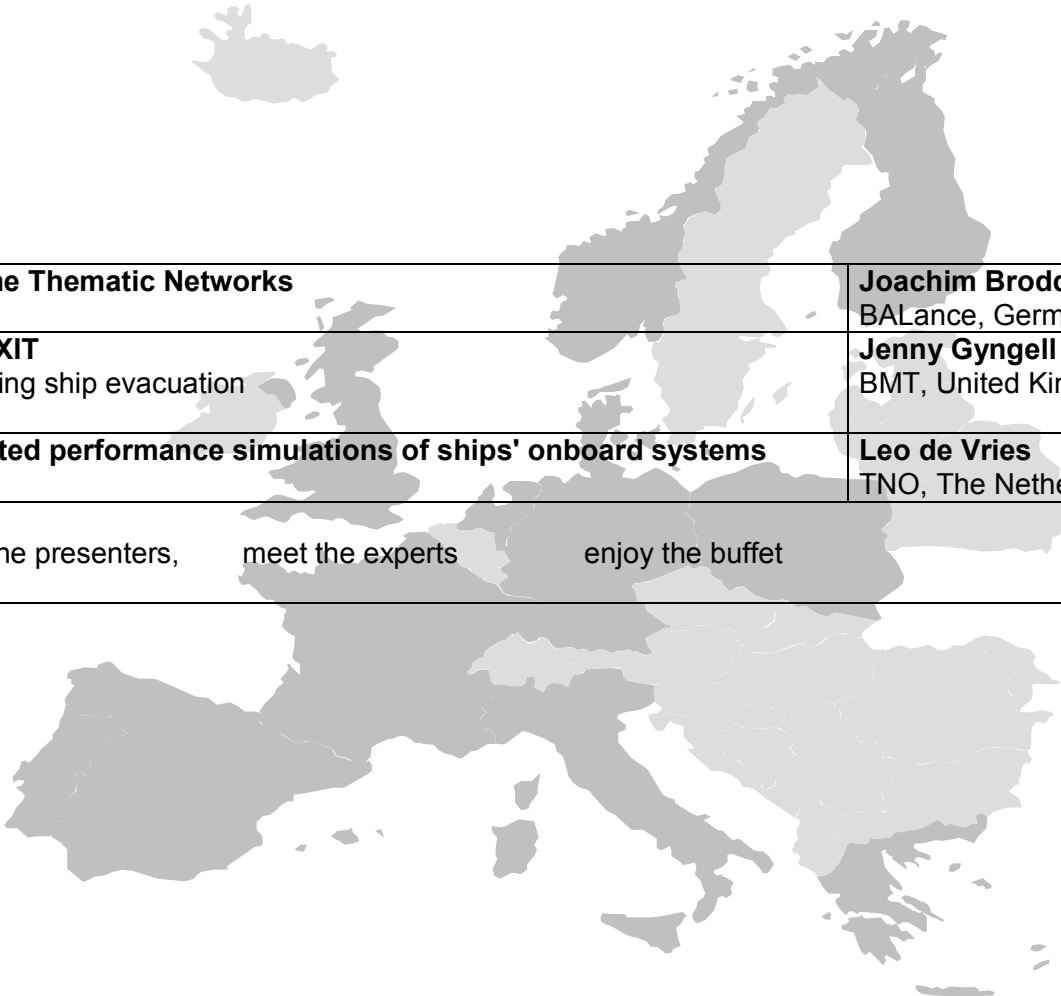
Agenda (1)



8:30	Registration open	
9:00	Welcome Current state and Future of the Croatian shipbuilding	Zeljko Sesnic ULJANIK, Croatia
9:15	Introduction to Wondermar and the workshop	Stephan Wurst BALance, Germany
9:30	Future scenarios of maritime IT applications An innovative approach of defining future research needs	Jean-Yves Pradillon Principia Marine, France
10 :15	Collaborative design in Europe today and tomorrow	Igor Juricic AVEVA, Sweden David Vukelic Brodoplan, Sweden
10:45	Coffee Break talk to the presenters, meet the experts enjoy the refreshments	



Agenda (2)



11:00	Maritime Thematic Networks	Joachim Brodda BALance, Germany
11:30	FIRE EXIT Simulating ship evacuation	Jenny Gyngell BMT, United Kingdom
12:00	Integrated performance simulations of ships' onboard systems	Leo de Vries TNO, The Netherlands
12:30	Lunch talk to the presenters, meet the experts enjoy the buffet	



Agenda (3)



13:30	Planning in Modern Shipbuilding	Christian Massow LMC, Denmark
14:00	Cell control for robots and other automated production cells	Hans Jørgen Lynggaard OPI, Denmark
14:30	Production Assembly and Integrated Information Management in Ship Building	Sigurd Hildebrandt AES, Germany
15:00	Coffee Break talk to the presenters, meet the experts enjoy the refreshments	



Agenda (4)



15:15	Integral Information System of Uljanik	Milan Milanovic ULJANIK, Croatia
15:45	Efficient generation of maritime maintenance and spare part catalogues Introduction to SENSDOC	Andreas Voigt Flexcat, Germany
16:15	Evaluation and discussion	
16:45	End of workshop	

