



**Welcome to Lisbon**

***EWF Workshop & Meeting***

# EFW Projects – A Short Story



**1<sup>st</sup> EWF project participation was in 1996**

- **Weld-On** – the first cooperation project approved under the Leonardo da Vinci programme started

**GA decides to stop EWF participation in EU Projects**

# EWF Projects – A Short Story



**1999 EWF restarts “projects” activity and has, since then, been involved in more than 20 projects**

## **Some results...**

- **Database of Examinations**
- **New Members (Greece, Turkey,...)**
- **Welding Terminology Dictionary**
- **Internet based lead free assembly course**

# EWF Projects – A Short Story



**EWF is involved in the preparation of project proposals – *over 12 proposals in last year's LdV call* and is involved in the following current ongoing projects**

- ***ACCESSWELD***
- ***B-PROF***
- ***CWC***
- ***DISTOOLWELD***
- ***EU-JOINTRAINING***
- ***TestPEP***
- ***ShipInspector***
- ***Safetower***
- ***VIRTWELD***
- ***WELDICTION PLUS***

# EWF Projects - TestPEP



## Development & Validation of an automated non-destructive evaluation approach for testing welded joints in plastic pipes

**Objective:** To reduce the risk of leaks and maintaining high quality of plastic welds, by ensuring their examination prior to service. This will be done through use of a universal NDE device.

### Partners:



# EWF Projects Test-PEP



## ***EWF role:***

*Lead SME-AG*

*Chairman of Project Steering Committee*

*WP Leader for Exploitation of the Project*

*Promotion and dissemination of results*

# EWF Projects - ShipInspector



## Detection of Safety Critical Defects in Ships

**Objective:** Develop new and novel ultrasonic phased array techniques, sensors and systems for finding defects and corrosion in safety critical areas of ships and tankers without taking the vessel out of the water.

**Partners:**

TWI (Project coordinator);	Isotest;	Biomechanical Solutions;
DGZfP;	Tecnitest;	EWF;
USNDT;	Cereteth;	
BG S NT;	HSE;	
AIPnD;	ABS;	
SMART Group;	Lloyds register;	
I T Nardoni;	Class NK	

# EFW Projects - ShipInspector



## ***EFW role:***

*To survey shipping NDT & Condition monitoring market in Europe*

*To input technicians needs into the training and certification framework*

*Responsible for major dissemination and exploitation activities*

# EWF Projects - SafeTower



**Develop tailored manufacturing Safe methods for wind Towers erected in remote areas based on an integrated tower concept and optimal use of high strength steels**

## **Objective:**

The main objective concerns the development of an integrated design concept for large wind energy towers with increased base diameters taking into consideration the requirements of onsite conditions. The integrated concept for large wind parks includes an optimized tower design regarding total tower mass, fabrication and erection conditions.

**Partners:** EWF, ISQ, CSM, LUH, OCAS, SIAG, ITMA, GAMESA

# EWF Projects - SafeTower



***EWF role:***

***Subcontracted partner***

***Responsible for project dissemination***

# Programme for the day



**09h – Opening Remarks**

**09h15 – VIRTWELD – Virtual Systems and Tools for training of welders (Lubos Mraz)**

**09h30 – DISTOOLWELD – Transfer of a distance learning tool (Tobias Rosado)**

**09h45 – Edumeccca – Activity-based training (ABT) environment in VET schools (Miro Uran)**

**10h00 – iQSim – Innovative simulator tools for quality management production process training in VET (Geza Gremesberger)**

**10h15 – Weldiction Plus – Welding Multimedia Software (Lubos Mraz)**

**10h30 – Coffee-Break**

**10h45 – Railsafe2 – Qualification and Certification of Rail Track welders (Tobias Rosado)**

**11h00 – EU-Jointraining – Certification of Plastic Welding for Welding Coordinators (Bernardo Hourmat)**

**11h15 – QWS-ISO 3834 – Promotion and awareness-raising of ISO3834 (Jose Piquer)**

**11h30 – CWC – Certification of Welding Coordinators (Darjo Zuljan)**

# Programme for the day



**11h45 – New Projects – B-PROF, ACCESSWELD and INNOVJOIN (Luisa Quintino)**

**12h00 – Closing of Session / Q&A Period**

**12h15 – Projects Roundtable Discussion**

**13h00 – LUNCH**

**14h15 – Demonstration of project tools:**

**DISTOOLWELD and WELDICTION PLUS software**

**Virtual Welding Systems: CS-WAVE and VRTEX 360**



**And after a good morning's work  
everybody is invited for lunch right  
outside!**





# The End

***[WWW.EWF.BE](http://WWW.EWF.BE)***