

COST FP 1303 Cooperative Performance Test - Status update

Miha Humar, Christian Brischke, Linda Meyer, Dennis Jones, Nejc Thaler, Boštjan Lesar, Mojca Žlahtič



University Ljubljana, Biotechnical Faculty

Leibniz University Hannover, Faculty for Architecture and Landscape
Sciences

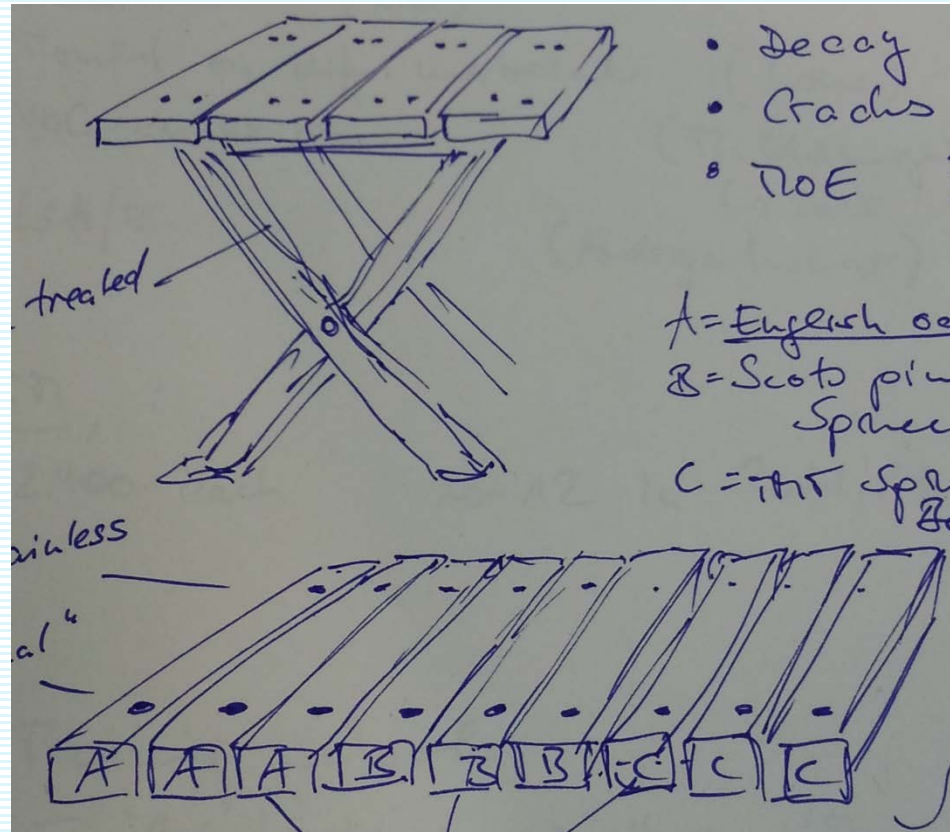
SP Technical Research Institute of Sweden



COST FP1303: Kranjska Gora
October, 2014



First ideas



Brussels
nov.2013

Project confirmed



Brussels
nov.2013

Paris
jan.2014

Folding table



Materials



Spruce

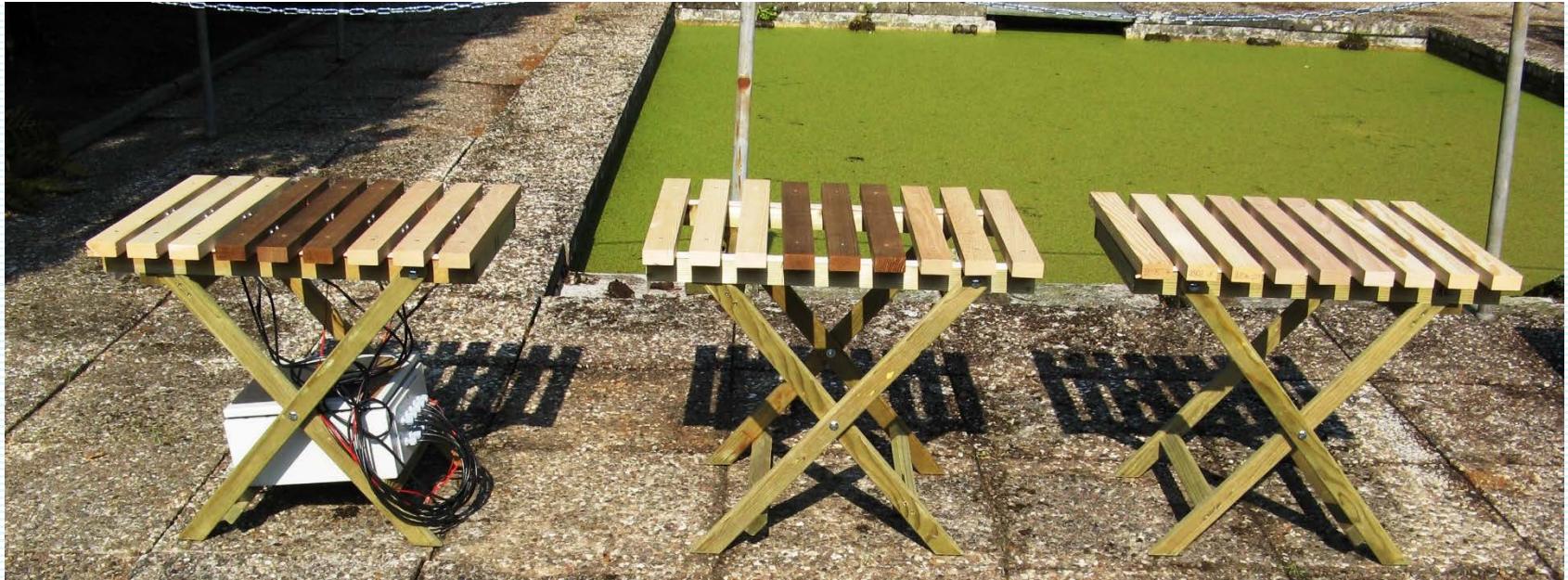
TM Spruce

Oak

MC and T logging



Three versions



A

Fully equipped table
MC - logging
T - logging

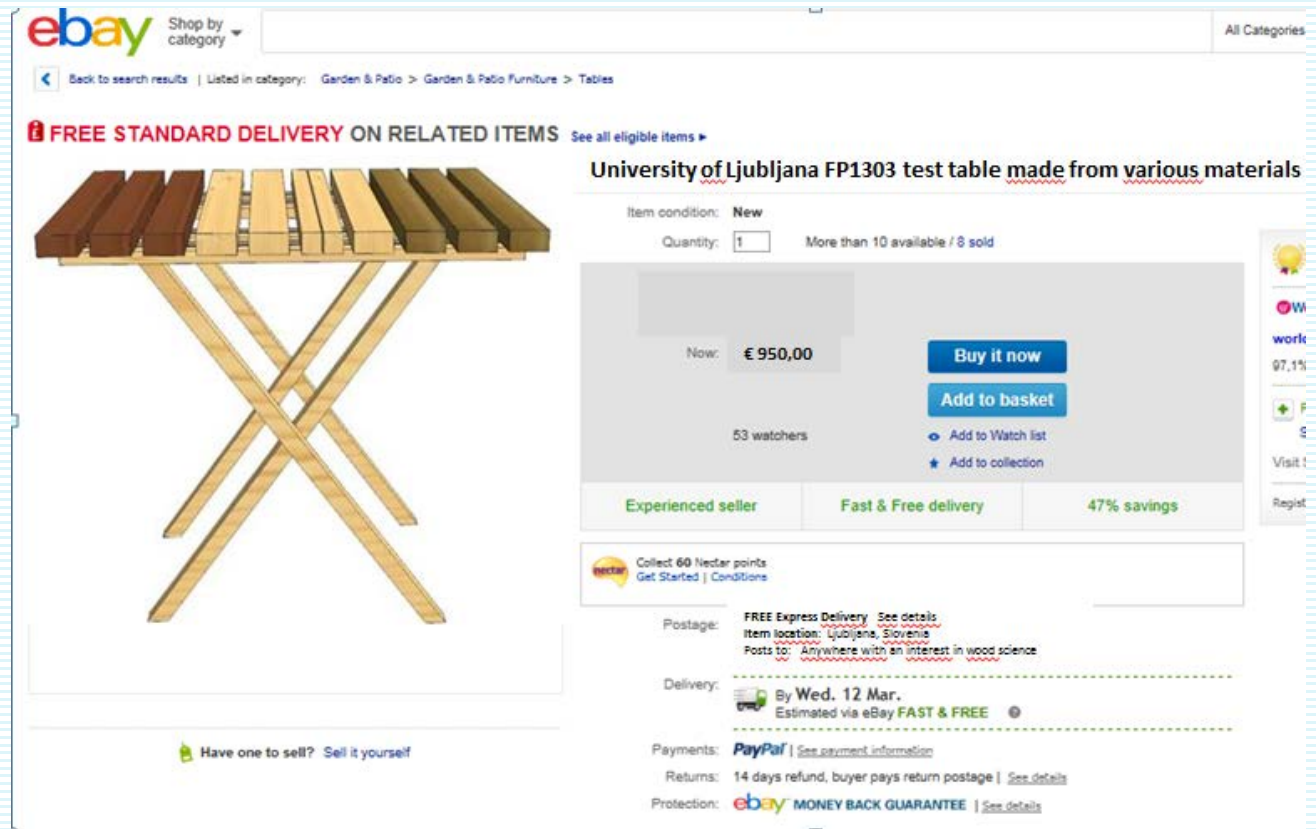
B

Material only

C

Materials of national
importance

Orders



The screenshot shows an eBay product listing for a wooden table. The title is "University of Ljubljana FP1303 test table made from various materials". The item is in "New" condition and priced at "€ 950,00". The listing includes a "Buy it now" button, an "Add to basket" button, and options to "Add to Watch list" and "Add to collection". The seller is an "Experienced seller" offering "Fast & Free delivery" with "47% savings". The listing also features a "nectar" badge for collecting 60 Nectar points, a "FREE Express Delivery" badge, and a "By Wed. 12 Mar." delivery estimate. Payment options include "PayPal" and the listing is protected by the "eBay MONEY BACK GUARANTEE".

Brussels
nov.2013

Paris
jan.2014

Lisbon orders open
mar.2014

Shipping



Brussels
nov.2013

Paris
jan.2014

Lisbon
mar.2014

Shipped
june.2014

Shipment





NORWEGIAN SEA

ARCTIC CIRCLE

Faroe Islands (Denmark)

Shetland Islands (UK)

Orkney Islands

Isle of Lewis

British Isles

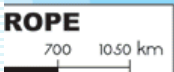
IRELAND

English Channel

NORTH ATLANTIC OCEAN

CELTIC SEA

BOEING



MEDITERRANEAN SEA

North Cape

Cape Kanin Nos

WHITE SEA

SWEDEN

FINLAND

RUSSIAN

NORWAY

Trondheimsfjorden

STOCKHOLM

HELSINKI

Bergen

DENMARK

COPENHAGEN

POLAND

WARSAW

NETHERLANDS

AMSTERDAM

GERMANY

BERLIN

BELARUS

MINSK

FRANCE

PARIS

CZECH REP.

PRAGUE

UKRAINE

KIEV

ITALY

ROME

AUSTRIA

VIENNA

HUNGARY

BUDAPEST

SPAIN

MADRID

CROATIA

ZAGREB

ROMANIA

BUCHAREST

PORTUGAL

LISBON

ALBANIA

TIRANA

BULGARIA

SOFIA

TUNISIA

CONSTANTINE

GREECE

ATHENS

TURKEY

ANKARA

BLACK SEA

GEORGIA

ARMENIA

YEREVAN

Jan Mayen (Norway)

ICELAND
Valnajokull
REYKJAVIK

Faroe Islands (Denmark)

Shetland Islands (UK)

Orkney Islands

British Isles

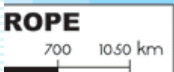
IRELAND

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SOFIA

TUNISIA

CONSTANTINE

GREECE

ATHENS

TURKEY

ANKARA

BLACK SEA

GEORGIA

ARMENIA

YEREVAN

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24	HOLZFORSCHUNG AUSTRIA	Notburga Pfabigan
25	Groupe ESB École supérieure du bois	Mark Irle
26	LNEC	Lina Nunes
27	Poznań University of Life Sciences Institute of Chemical Wood Technology	Grzegorz Cofta

Exposure



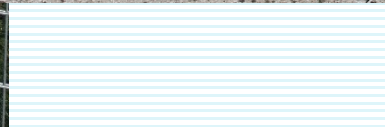
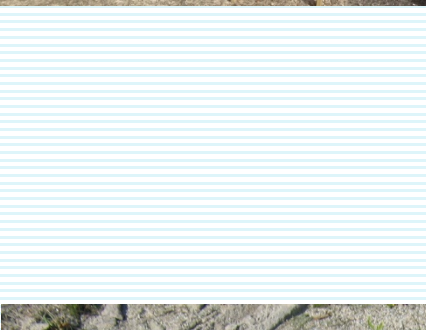
Brussels
nov. 2013

Paris
jan. 2014

Lisbon
mar. 2014

Shipped
june. 2014

Exposure
Sept. 2014



Guidelines



COST Action FP 1303 – Cooperative Performance Test

Instructions for participants

Excel file

	A	B	C	D	E	F
1	Legend					
2						
3	Test site	Hannover		HAN		
4	Country	Germany				
5	Institution	Leibniz University Hannover				
6	Address	Herrenhäuser Str. 8				
7		D-30419 Hannover, Germany				
8	Contact person	Dr. Christian Brischke				
9	eMail	brischke@ibw.uni-hannover.de				
10	Phone	0049-511-762-5829				
11						
12	Latitude	52.392823 °N				
13	Longitude	9.696368 °E				
14	Height above sea level	54 m				
15						
16	Specific exposure	on top of 18 m high building				
17						
18	Next weather station	Herrenhäuser Str. 8, D-30419 Hannover, Germany				
19		Herrenhäuser Str. 2, D-30419 Hannover, Germany				
20						
21	Performance table:					
22						
23	Version:	A				
24						
25						
26						
27						
28						
29						

Monitoring

- Color
- Cracking
- Surface disfigurement due to mould and staining fungi
- Decay
- Corrosion
- Moisture content (resistance and temperature)

Further work

- Perform regular monitoring
- Provide:
 - figures of the exposure location
 - details of the exposure location
 - List of materials of national importance
 - Provide results
- Check the status of the logging devices

Acknowledgment

- **COST FP1303**
- Silvaprodukt, University of Ljubljana
- **Authors:** Miha Humar, Christian Brischke, Linda Meyer, Dennis Jones, Nejc Thaler, Boštjan Lesar, Mojca Žlahtič
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