

Welcome to

IFER MC meeting

Zadar

8 - 9 October 2012



F. Wald,  
Czech Technical University in Prague



# Objectives

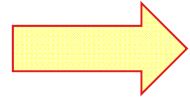
- Final text versions of their WP3 Fire Brigade Reports and Investigations  
Sent to WG Chairmen before the meeting

 □ Ideas for benchmark studies for WP4  
Invited presentations, ideas

- Suggestions for upgrades to European Standards  
for the next substantive upgrade process  
Sent to WG Chairmen before the meeting

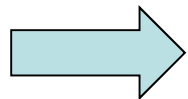


# Programme



**8 October**

10:00-10:30                    Opening  
10:30-11:00                    Coffee  
11:00-13:00 MC meeting  
13:00-14:00                    Lunch  
14:00-15:30 WG plenary WP3 – Firemen investigation  
15:30-16:00 WG plenary WP4 – Benchmark - presentations  
16:00-16:30                    Coffee  
16:30-17:15                    WG plenary WP4 – Benchmark - presentations  
19:00                                Dinner



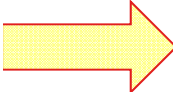
**9 October**

09:00-10:30                    WG plenary WP4 – Benchmark - discussion  
10:30-11:00                    Coffee  
11:00-12:00 WG plenary WP6 - Eurocodes  
12:00-14:00 MC meeting  
14:00-15:00                    Lunch  
15:00-16:30 WG plenary WP7 – Education  
16:30-17:00 WG plenary



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# MC Meeting Agenda

1. Welcome to the participants – in pipe Slovenia, Slovakia (new Serdar Selamat, Bogazici University)
2. Approval of the agenda
3. Approval of the Minutes of the CD 2012 MC meeting, web
4. From the TU TC evaluation meeting
5. Current budget available
6. **Short term scientific missions (STSM)**
7. Introductory remarks to Work Packages
  1. WP3 - Fire brigade reports and investigations  
Discussion to new contributions.
  2. WP4 - Benchmarks studies  
Introductory discussion after the WG's chairman presentations
  3. WP6 - Thought for Eurocodes upgrade  
Discussion in WG's.
8. Progress report on
  1. on Working Group 1, Guillermo REIN
  2. Working Group 2, Leslaw KWASNIEWSKI, Raul ZAHARIA
  3. Working Group 3, Paulo VILA REAL, Jyri OUTINEN
9. Information about the projects under WP7 Educational dimension, Dubravka BJEGOVIĆ
10. Preparation of Prague Conference 19-20 April, 2013
11. Preparation of next COST action
12. AOB
13. Closure of the meeting



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      1. Discussion in WG's.

# COST TU Domain evaluation

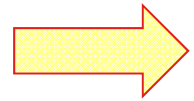
## □ Evaluation 2012

- Icelad meeting 4-5 July 2012 meeting
- [Reporter](#) prof. Gintaris Kaklauskas, Vilnius, Lithuania
- The DC acknowledges the added-value of the Action with regards to producing concrete applications of the performance-based fire safety design methods to practitioners and to introducing the latest research into standards for fire design. The DC **is very eager** to see the final **tangible** output of the Action.

## □ Evaluation 2011

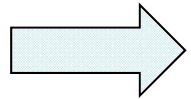
- The inputs to standardisation should be emphasised since it is a clear element in the MoU.
- The Action should develop a better “promotional” production (e.g. popular publications in newspaper) and advertise it more.

# To Work Packages



## □ WP3 - Fire brigade reports and investigations

- Last meeting



## □ WP4 - Benchmarks studies

- This meeting
- Per WG validation of different solutions

## □ WP6 - Thought for Eurocodes upgrade

- Summary of national/EU projects for preparation of next generation of Eurocodes

## □ WP7 - Educational dimension

- To help with education of fire engineering across Europe by networking



# Budget Figures 7/2012 - 6/2013

	Grant	126 087,00 €	(2011/2012 was 105 000 €
	Amount	Number	Forecast
Meetings	74 700,00 €	Zadar meeting	29 200,00 € 35 participants, and 1200 org.
		Prague meeting	35 500,00 € 40 participants, and 1500 org.i
		Core group meeting	10 000,00 € 12 participants
Training sch (4 days)	32 387,00 €	27 trainees	21 600,00 € (each fixed grant 800)
		8 scholars	8 000,00 € (each 1000)
		organizační podpora	2 787,00 €
STSM	12 000,00 €	10 STSM	(each 1200)
Dissemination	7 000,00 €	Fire brigade reports	1 500,00 €
		ASFE proceeding	2 000,00 €
		Training school proceedings	1 500,00 € (500 sending)
		web	2 000,00 €

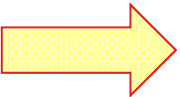
# STSM

- Short term scientific missions – 10 researchers
  - Applications by Camila till 25 October 2012
  - Approval 30 October 2012
  - Finished till 31 May 2013
  - Focus to
    - WP4 Benchmarks studies
    - WP6 Thought for Eurocodes upgrade
    - WP7 Educational dimension



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# Papers WP3 - Fire brigade reports and investigations

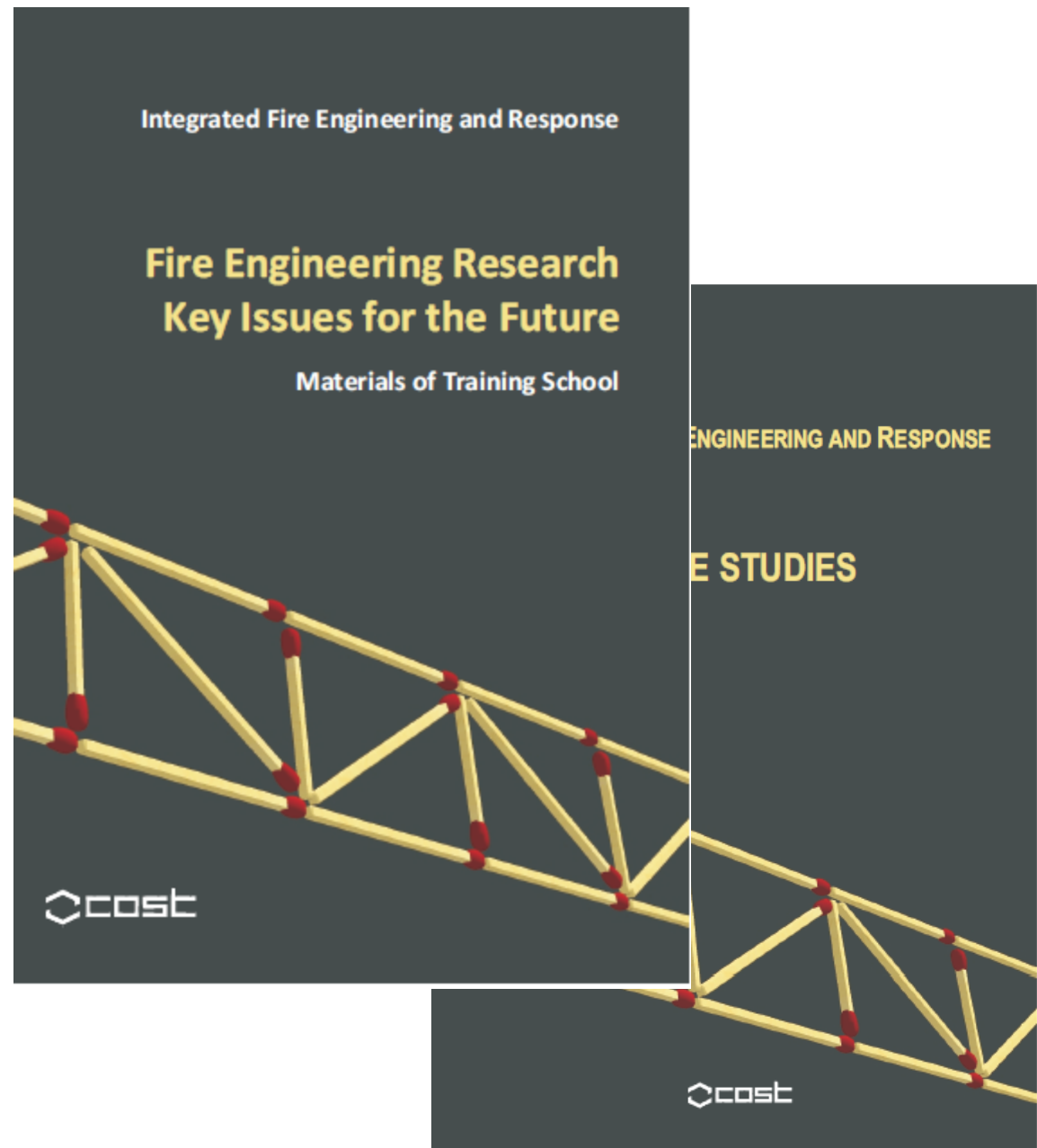
1	Maslak Mariusz	Selected statistical data related to fire occurrences in Poland in 2010
2	Lacasta Ana	Collaboration with the Fire brigades of Catalonia to define new protocols to collect data from a fire
3	Klinzmann Christoph	Probabilistic model for fire department response
4	Biskup Krzysztof	European fire statistics – An overview and practical directions
5	Block Florian	
6	Nigro Emidio	Fire brigade reports and investigations in Italy: Procedures and Statistics
7	Nigro Emidio	Fire brigade reports and investigations in Italy: Description of real fires and numerical simulations
8	Heinisuo Markku	Finnish rescue services, statistics 2005 - 2009
9	Rodrigues Joao Paulo	Statistical analysis of building fires in the city of Oporto from the fire brigade reports, 1996-2006
10	Couto Carlos	
11	Horova Kamila	Fire fighting on inclined coal handling bridge
12	Tsatsoulas Dimitrios	Investigation report on a wooden furniture industry fire
13	Peros Bernardin	Fire accident at the shopping centre in Zadar, Croatia

# Papers WP3 - Fire brigade reports and investigations

14	Rein Guillermo	Across Boundaries: Fire Dynamics as the condition to the Subsequent Structural Response
15	Bjegovic Dubravka	Fire brigade services and reports in the Republic of Croatia through the case study of fire occurred at the basement of the warehouse
16	Hajpál Monika	Analysis of tragic fire case in panel building of Miskolc
17	Kwasniewski Leslaw	Rescue operations in Poland - General description and examples
18	Król Pawel	Fire brigade tasks, reports and investigations in the Polish realities
19	Cvetkovska Meri	Crisis management centre and fire brigades in Republic of Macedonia
20	Cadoni Ezio	Advanced cementitious composites under dynamic loading and fire
21	Burgess Ian	
22	Mistakidis Euripidis	Fire brigade services and reports in Greece
23	Wang Yong	Assessment of fire protection performance of intumescent coatings
24	Mazzolani F.M.	Protection of historical buildings against catastrophic actions: Case studies
25	Szilágyi Csaba	
26	Kaiser Rudolf	Study of a fire case within a panel flat
27	Vila Real Paulo	

# 2011-2012

- Case studies
- Training school



# Programme

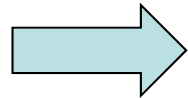
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09:00-10:30 WG plenary WP4 – Benchmark - discussion

10:30-11:00

Coffee



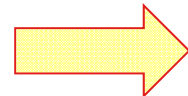
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12:00-14:00

**MC meeting**

14:00-15:00

Lunch



15:00-16:30 WG plenary WP7 – Education

16:30-17:00

WG plenary

# WP6 Eurocodes upgrade

- Proposals for improvements
  - Based on local/European projects
    - Cooperation between the authorities of Europe countries
    - Help to introduce the latest research into standards
  
- [Markku Heinisuo, Finland](#)
- [pdf](#)



# WP7 Education

- Erasmus Mundus
- Dubravka Bjegović
  - 4 to 6 partners
  - All experts associated partners
  - Call end of March
- EU level for = civil + fire engineering
  - Course for fire authorities
  - Fire specialist as well
  - Social sciences + engineering + physics

The screenshot shows the European Commission Education & Training website. The header includes the European Commission logo and navigation links for Contact, Search, Legal notice, and English (en). The main content area is titled 'Official documents on the Lifelong Learning Programme' and includes a 'General Call for Proposals 2012' section. A sidebar on the left lists various policy areas like 'Lifelong Learning Policy' and 'External Programmes and Policies'. A right sidebar titled 'In depth' provides links to participation guides and publications. The main text details the call for proposals, including administrative details and a list of eligible countries for the 2012 call.

# Erasmus Mundus European Master

EACEA  
Education, Audiovisual  
and Culture Executive Agency

of European Commission operates 7 key Community programmes, including Erasmus Mundus

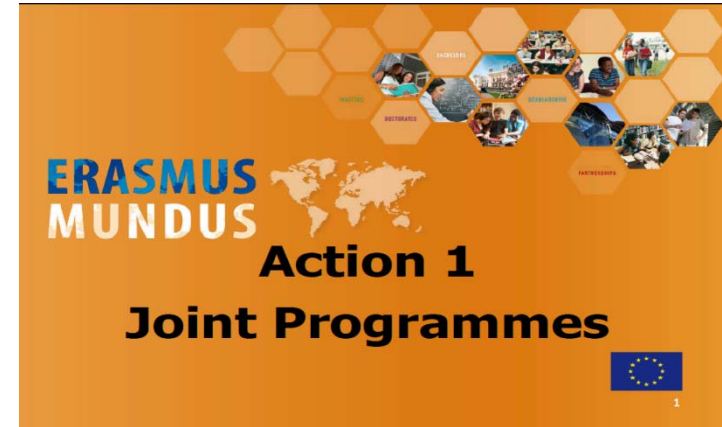
Action 1: Erasmus Mundus Joint Programmes

1A: Erasmus Mundus Joint Masters Courses

1B: Erasmus Mundus Joint Doctoral Programmes

Action 2: Erasmus Mundus Partnerships

Action 3: Promotion of European higher education



# Erasmus Mundus

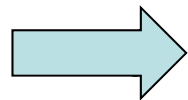
## □ Fire Safety System

- Social science
  - Politology
  - Low
  - Eurocodes
- Civil engineering
  - Concrete structures
  - Steel structures
  - Timber structures
- Fire safety
  - Thermodynamics
  - Fire modelling



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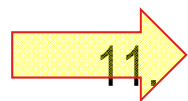


## Progress report on

1. WG1, Florian BLOCK
2. WG2, Leslaw KWASNIEWSKI

9. Preparation of Prague Conference  
19-20 April, 2013

10. Training school



11. Preparation of next COST action

12. AOB

13. Closure of the meeting



# Training school

## Planned activity

2014 February 14-15

Meeting

2013 October 11-12, Aveiro

Meeting

2013 June 7-9, Naples?

Training school



2013 April 19-20, Prague

Conference

# Dissemination

- Local seminars 2012
  - Info in Prague
  
- Info about the Action
  - Background materials on web from 2010
  
- Info about the Case study
  - Ian Burges kindly offered
  - Digest on web from March 2012

# Worked packages

2010		WP1 State of the art report
2011		WP2 Case study
2012		WP3 Fire brigade reports and investigations
2013		<b>WP4</b> Benchmarks studies
2010-2014		WP5 Dissemination
2013		<b>WP6</b> Thought for Eurocodes upgrade
2013		<b>WP7</b> Educational dimension

# Spring meeting 19-20 April 2013

## WP4 Benchmark study - discussions

- Finalisation

Methodology in local European countries in building regulations for the verification of structural resistance in fire conditions

## WP6 Thought for Eurocodes upgrade

- Based on national/European projects

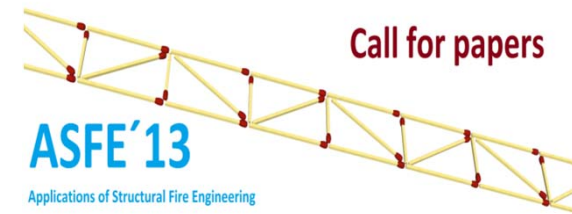
## WP3 Fire brigade reports and investigations

- Preparation



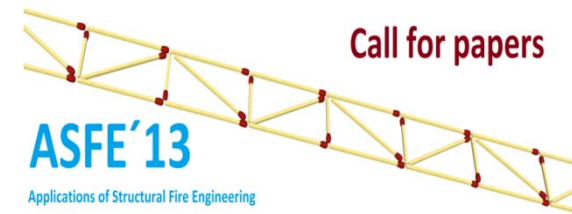


# ASFE'13



- Prague, 19<sup>th</sup> and 20<sup>th</sup> of April, 2013
  - People movement
  - Fire and smoke development
  - Structural response
  - Use of fire brigade investigation reports
  - Benchmark studies
- <http://fire.fsv.cvut.cz/ASFE13/>

# ASFE'13



□ Prague, 19<sup>th</sup> and 20<sup>th</sup> of April, 2013

- |                                    |                        |
|------------------------------------|------------------------|
| □ <b>Submission of Abstracts</b>   | <b>30 Nov. 2012</b>    |
| □ <b>Acceptance of Abstracts</b>   | <b>15 Dec. 2012</b>    |
| □ <b>Early Registration</b>        | <b>15 Feb. 2013</b>    |
| □ <b>Submission of Full Papers</b> | <b>25 Feb. 2013</b>    |
| □ <b>Conference</b>                | <b>19-20 Apr. 2013</b> |

□ <http://fire.fsv.cvut.cz/ASFE13/>

Thank you  
for coming

See you in Prague



František Wald  
Czech Technical University in Prague