



TU1404: Towards the next generation of standards for service life of cement-based materials and structures

Fourth MC meeting

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On behalf of the Core Group of TU1404



Brussels, 14th September 2017

QUORUM CHECK

Counting attendance list signatures.

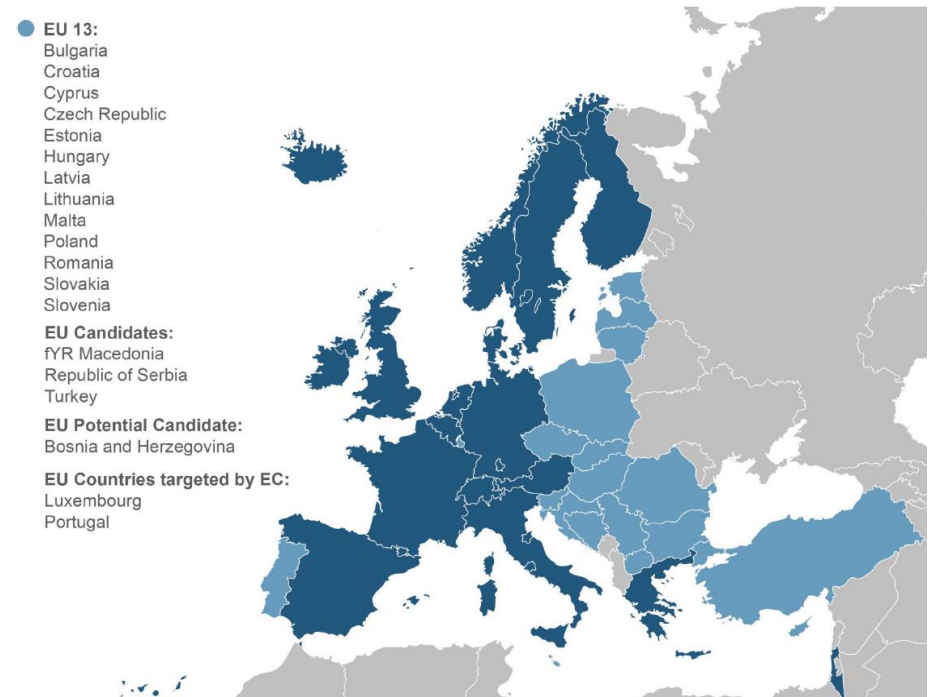
30 countries -> Minimum quorum is 2/3 (20)

QUORUM MET?

1. General information 14/09/2017 16:30-17:30
2. Balance of activities in 2016/2017
3. Conference grants and amendment budget
4. Budget on past, current and next Grant Period
5. AOB
6. Closing

General Information

- Member countries as “of today”: 30 COST
 - 30 COST Countries
 - 2 NNC – Ukraine and Algeria
 - 2 IPC – Australia (Japan also)



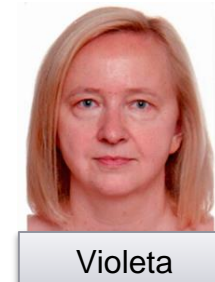
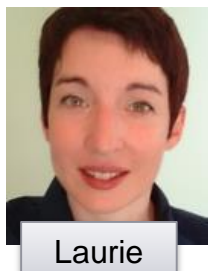
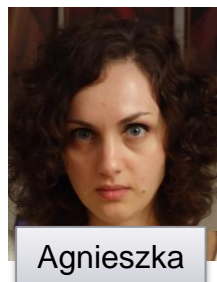
- Number of members
 - 285 individual members
 - 42% are Early Stage Researchers
 - Gender balance: 75% Male; 25% Female
 - 42% of members belong to inclusiveness countries

General Information

- Acknowledge the efforts of the Core Group
- Lots of Online meetings....



- 026 - 2017-01-11 - Core Group
- 027 - 2017-02-08 - Core Group
- 028 - 2017-03-14 - Core Group
- 029 - 2017-05-03 - Core Group
- 030 - 2017-06-19 - Core Group
- 031 - 2017-07-17 - Core Group
- 032 - 2017-09-05 - Core Group



Progress report

The progress report has been submitted in due time.



COST Action number
(Action start date – Action end date)

Title

PROGRESS REPORT AT MONTH 24

This report is submitted by the MC Chair on behalf of the Management Committee.

Confidentiality: This report, other than section II.D, is non-confidential. Section II.D is confidential to the Management Committee and the COST Association (including the Committee of Senior Officials, Scientific Committee and Administration).

Executive summary of the Progress Report:

(max.500 words) (to be completed by Action Chair describing the Action's progress with achieving the Action MoU objectives and generating outputs and impacts – see Annex 1 definitions)

MC Chair enters 500 word summary here MC Chair enters 500 word summary here MC Chair enters 500

Prepared by the Core Group together with the MC

Balance of activities

2016/2017

(since the end of the
meeting in Denmark)

Meetings

Paris, France, October 2016



13 participants

Belfast, UK, May 2017



18 participants

Balance of activities

2016/2017

(since the end of the
meeting in Denmark)

Meetings

Brussels, Belgium, September 2017



>80 participants

EAC⁰₂

12th - 14th of September 2017
Brussel - Bruxelles - Brussels

Balance of activities 2016/2017

Dissemination meetings

Tokyo, Japan, April 2017



CONCRACK 5
Tokyo, Japan

24-26 April 2017



jci Japan Concrete Institute

Balance of activities 2016/2017

Dissemination meetings

Chennai, India, September 2017



71st Annual RILEM Week

International Conference on
Advances in Construction Materials
and Systems (ICACMS 2017)

Sep 3-8, 2017, Chennai, India



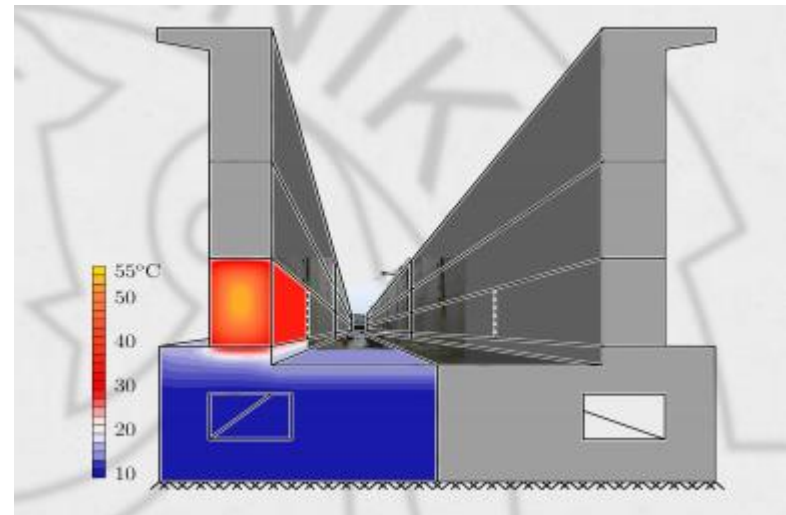
Balance of activities 2016/2017

Training School

Doctoral school on 'Modelling of cement based materials and structures at early age'
Silesian University of Technology, 9-13 October 2017



30 registered participants
20 grants by COST Action



Balance of activities

STSM's

Total of 18 STSM's so far (details available in www.tu1404.eu)



Portugal
Switzerland



France
Belgium



Belgium
France



Spain
Portugal



UK
Germany



Ukraine
UK



Germany
Spain



Germany
France



Belgium
France



Germany
Austria



Ukraine
Netherlands



Slovakia
Austria



Belgium
France



Czech Rep.
Austria



Israel
Netherlands



Germany
Switzerland



Germany
Czech R.



Spain
UK

Balance of activities

STSM committee



Violeta
(Coordinator)



Nele



Miguel



Bernhard



Grega







Stéphanie

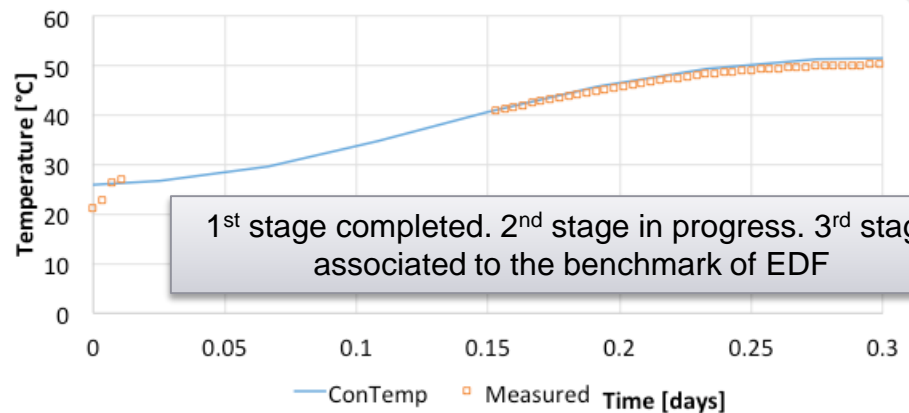
Balance of activities 2016/2017

RRT+ and benchmarking programs: *in progress*

RRT Sponsors

 <p>Schleibinger Geräte Building Materials Testing Systems</p>	 <p>EDF</p>
DONOR	MATERIALS PROVIDED BY
 <p>BB INFRA</p>	 <p>Statens vegvesen Norwegian Public Roads Administration</p>
Golden Sponsor	SILVER SPONSOR

Main phase collecting results



Work & budget plan

Milestones described in MoU for the 3rd year

Milestone 5 - Month 36

Main purpose: Discussion of round-robin test and simulation benchmarking; Yearly workshop

Deliverable(s):

- Workshop on experimental testing and numerical simulation of CBM ✓
- Training school ✓
- Report on round-robin test ✓
- Preliminary report on numerical simulation benchmarking ✓
- Report on the progress of pre-draft recommendations ✓
- Plan for final scientific activities aimed at the closure of the Action (e.g. experimental and numerical strategic networking aimed at fulfilling the Action's purposes). ✓

Work & budget plan

Milestones described in MoU for the 4th year

Milestone 6 - Month 48

Main purpose: Finalization of the Action

Deliverable(s):

- Final conference with focus on the drafted guidelines and reports, as well as the round-robin tests and benchmarking results. A significant part of the conference will be devoted to the Action results themselves.
- Training school (not viable with the change in grant periods towards May-April)
- Minimum of two new products ready for the market (developed within the scope of the Action)
- Minimum of 12 to 16 STSMs finished
- Final reports
- Draft of recommendations contemplating experimental techniques, numerical simulations and proposed design rules

Conference grants

*Conference grants help PhD students and early-career investigators from participating Inclusiveness Target Countries attend international science and technology related conferences that are **not** specifically organised by a COST Action. -> up to 2500€ support*

Candidates affiliated to institutions from Inclusiveness Target Countries:

Bosnia-Herzegovina, Bulgaria, Cyprus, Czech Republic, Estonia, Croatia, Hungary, Lithuania, Latvia, Luxembourg, Malta, Montenegro, Poland, Portugal, Romania, Slovenia, Slovakia, the former Yugoslav Republic of Macedonia, Republic of Serbia and Turkey.

Candidates must be PhD students or Early Career Investigators (less than 8 years after obtaining PhD) enrolled as post-doc.

Application at least 45 days before conference.

Proof of accepted contribution in the conference (related to the subjects of TU1404).

End of conference must be earlier than 30th April 2018 (end of current grant period)

To apply, contact directly info@tu1404.eu

Amendment

- Amendment of 14000€ to our current Grant Period.
- COST Office was requested to allow moving to next grant as well (difficulty in spending for now). Not possible.
- Open these grants up to maximum budget immediately and evaluate adherence.
- Nominate Dirk Schlicke as Conference Grant Coordinator (**voting**)
- Possibility of using part of the amendment budget of 14000€ to compensate on other matters (e.g. reimbursements for Brussels, training schools of STSM's) -> MC delegating this possibility to the core group (**voting**)
- Possibility of using part of the amendment budget to support an extraordinary meeting of WG2 during EuroC conference (up to 4-5 reimbursed COST members)
-> MC delegating this possibility to the core group (**voting**)



Budget

Previous grant period GP3 -> May 2016 – Apr 2017.
Current grant period GP4 -> May 2017 – Apr 2018.
Next grant period GP5 -> May 2018 – Oct 2018.

End of ACTION

Summary GP3 May 2016– Apr 2017

GP3 (from 2016-05-01 to 2017-04-30)

Budget: 140,999.58€

Expenditure: 140,056.87€

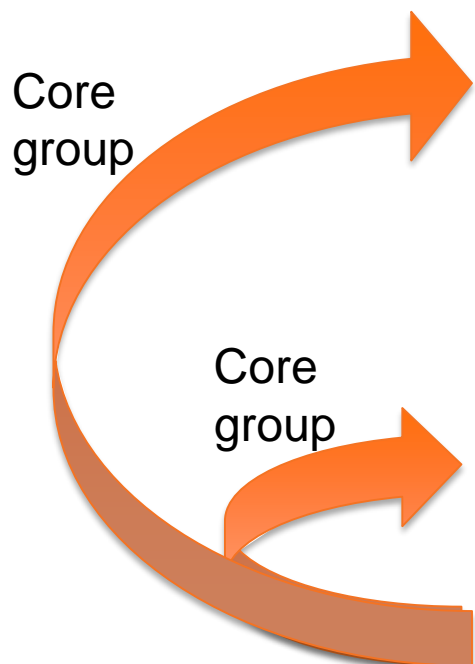
Grant - Yearly Financial Report (YFR)		
COST Action Number	TU1404	
Period of reporting	2016-05-01 to 2017-05-29	
Grant Budget	140,999.58 EUR	
Table 1 - Costs	Contract Budget EUR a	Actuals EUR b
A. Science Expenditure		
A1. Total Meetings (*)	83,231.33	85,986.58
A2. Total STSMs (*)	18,104.00	14,560.00
A3. Total Training Schools (*)	19,773.00	19,742.00
A4. Total Dissemination, publications (*)	1,500.00	1,500.00
A5. Total OERSA(**) (*)	0.00	0.00
Total Science Expenditure (sum: A1 to A5)	122,608.33	121,788.58
B. FSAC (Max. 15% of A) (***)	18,391.25	18,268.29
C. Total Costs (= A+B)	140,999.58	140,056.87

Summary GP4 May 2017– Apr 2018

GP4 (from 2017-05-01 to 2018-04-30)

Budget: 165,000.02€

Expenditure: in progress



Core group	Meetings		
	1	Belfast	14 482.98 €
	2	Brussels	70 816.37 € (estimated)
	3	Chennai (India)	2 500.00 € (estimated)
	4	Salt Lake City (USA)	2 555.00 € (estimated)
			90 354.35 €
Core group	Training School	Poland	21 950.00 € (estimated)
	STSM's		17 500.00 € (estimated)
	Website		1 500.00 €
	ITC Conferences		12 173.93 €
	FSAC		21 521.74 €
	TOTAL		165 000.02 €

Proposal GP5 May 2018– Oct 2018

- Last expenditure of the Action must be the closing conference
- Budget for the last Grant Period ~70000 to ~80000 in total
- Proposal to use 15% FSAC (as usual)
- Proposal to devote budget to the final event
(not much time for STSMs of conference grants; also not so much available budget)

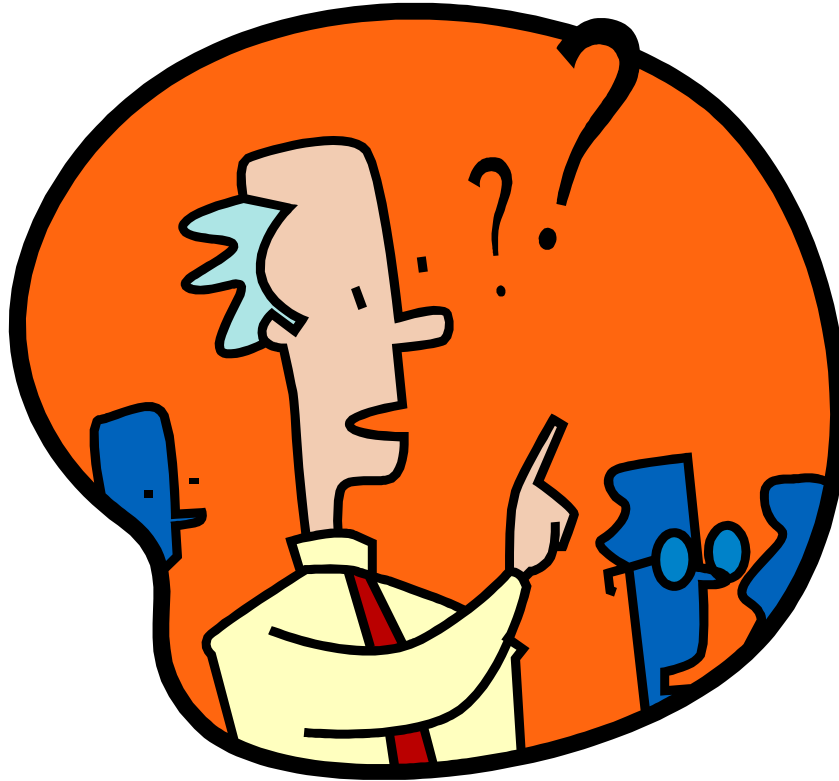
A - COST Networking tools	
(1) Meetings	69 350 €
(2) Training schools	0 €
(3) Short term scientific missions	0 €
(4) Dissemination, publications	0 €
(5) OERSA	0 €
B - Total science expenditure (sum 1-5)	69 350 €
C - FSAC (max of 15% of B.)	10 403 €
D - Total expenditure (B+C)	79 753 €

A special thanks to our Grant Holder Secretary

Ms Sónia Esteves



Any Other Business...





Thank you
