



# **XVI ERMCO Congress**

Verona – June 21<sup>st</sup> 22<sup>nd</sup> 2012

## **Sustainability and Competitiveness in Concrete Market**

*Key players meet to face the challenge*



## TABLE OF CONTENTS

<i>Title</i>	<i>Organization</i>	<i>Speaker</i>
<b>Session 1 – Our market, our customers, our product</b>		
13. The construction market in Europe: a supplier's point of view	MAPEI	W. Nussbaumer
14. Evolution of RMC in Europe	ERMCO	F. Biasioli
15. Evolution of RMC in Latin America	FIHP	M. Lascarro
16. Production and performance of the RMC industry in the USA	NRMCA	R. Garbini
17. Evolution of RMC in India	RMCA	V. Kulkarni
18. Concrete develops society	BYGGUTENGRENSER	J. Eldegard
19. Concrete with added value: the Swedish concept	BETONGINDUSTRI	M. Emborg
<b>Session 2 - The Challenge for Sustainability</b>		
21. A tool for measuring resource scarcity	ERMCO	T. Harrison
22. Certification for sustainability in manufacturing and application of RMC	NRMCA	R. Garbini
23. RMC an all in one sustainable material	APBR	A. Jordachescu
24. UK concrete industry sustainable construction strategy	MPA	C. Clear
25. BETie, a toll for environmental quality of buildings	SNBPE	J.M. Potier
26. A Multi-discipline approach to quantifying and enhancing concrete sustainability	RMC Research & Education Foundation	J. Garbini
<b>Session 3 - Operating a RMC Company</b>		
31. Delivery accomplishment through operations planning	ARGOS	D. Velandia
32. FPC control up to the customer's gate: a global approach to production and customer service	UNICAL	M. Borroni



33.	Real time measurement of fresh concrete consistency during transport	University of Stuttgart	H. Garrecht
34.	Electronic delivery ticket for RMC	BTB	O. Assbrock
35.	Technical evolution on concrete machinery	CIFA	D. Cipolla
36.	New market challenges for concrete machinery	CIFA	M. Brambati
37.	Quality inspections on RMC: Turkish experience	THBB	H. Ozkul

#### **Session 4 - Standard Techniques and Solutions**

41.	Revision of EN 206-1: what will be modified?	CEN TC 104/SC1	R. Breitenbuecher
42.	Recycled concrete - Environmentally superior to virgin concrete?	E2 Management	A. Braunschweig
43.	Crack-free concrete floors without metallic wire-mesh and wet-curing	ENCO	R. Troli
44.	Admixtures, essential components of sustainable concrete	EFCA	R. Magarotto
45.	Zero-impact recycling of returned concrete	MAPEI	G. Ferrari
46.	Flowable fibre reinforced concrete: materials development, fibre distribution and structural properties	SINTEF	T. Hammer
47.	Opportunities and challenges for a more sustainable concrete	BASF	J. Kluegge
48.	Nanosized cellulose fibrils - A new generation stabilizer for concrete and grouts	UPM	J.E. Teirfolk
49.	Minimizing operational costs and maximizing flexibility for the European Concrete Industry in recession time!	SIMEM	F. Furlani
50.	Use of a shrinkage compensating concrete for the construction of a crack - free slab foundation	ENCO	R. Troli
51.	Self-compacting, high-performance and light-weight concretes	ENCO	S. Collepardi