



ICEC 2014 - IX World Congress

Re-Engineering Total Cost Management

Milan, Italy, 20, 21, 22 October 2014

Call for Papers

Second Announcement

Total Cost Management in Difficult Times

Corporate profitability and cost controls in difficult times: two goals to be achieved by applying Total Cost Management in international practice and experience.

The serious global crisis of financial markets has become an economic problem, which is trickling down to impact projects. This has caused a decline of both manufacturing and consumption.

Investment in production appears to be the one way to overcome the crisis.

One obstacle to this is the lack of resources of national Governments, which swamped by excessive debt. Limited funds for large public projects are compelling careful focus on project performance, economy and efficiency.

Also, Owner organizations are experiencing a progressive decrease of profit margin. To compete in the international market, these Enterprises are endeavouring to maximize production to the extreme, with new risk factors, that must be evaluated and monitored. The Total Cost Management (TCM) community, urged by market challenges such as expenditures control, transparency, production efficiency, and risk management, has become increasingly aware of the process of scope, purpose and return on investment. This brought TCM to assume a crucial role: not just professional practice but a governance and control mechanism that provides value for money.

There are various ways in which the development of TCM may reveal itself, depending on the different enterprises to which it applies:

- the selection of the investments to be made and accurate costs control are tied to the need to integrate traditional ERP processes of Management and Works Accounting with the planning and control approach at both project and portfolio levels. The TCM discipline extensively and successfully supports both in terms of methods and tools offered;
- major industrial groups and large enterprises, adopting the practices of TCM at an "enterprise" level are going to extend top down the organizational, methodological and IT systems - typical of the "project based" discipline - to all the most important operational processes, to render the company operational structure profitable as a whole;
- for companies whose core business is represented by a limited number of large size job-orders, choosing TCM can mean adopting the discipline's concepts throughout the whole delivery process (from the bidding phase to the execution of works), regulating and managing the complex network of commissioning, supplying and controlling relations, that increasingly characterizes the operations of large public and private contracts for infrastructure, construction and industrial plant design.
- the application of TCM techniques and practices to the management of their job orders and projects has increasingly become a need also for smaller-sized businesses, in order to be proactive and competitive in the national and international productive markets.
- long term infrastructural projects are, in general opinion, considered out of control. Actually TCM methods and tools can let us achieve the target to keep projects under control.

The aim of this Congress is to illustrate significant international experiences and practices, with the goal of correlating needs and achieved results to facilitate a greater dissemination of TCM on a global scale, at a time in which cost control and profitability issues have reached and touched all levels of society, who realize now the possible consequences of individual economic choices and factors.

Topics

strategic projects decisions and cost control in public administrations

ROI decisions and selecting strategic projects mark the way of economic development; cost control and reporting are a must for a good and transparent administration

company profitability increase using TCM

real-life experiences on TCM application both at project and enterprise level in order to achieve company profitability

from project control to company control with TCM practices

the evolution of TCM from theory to systematic practice applied to projects, programs and portfolios

the new frontiers of building information modeling (BIM)

the incorporation of cost, schedule and facilities data in BIM practice enables companies to become competitive on an international level

health care projects (a new field for the implementation of TCM practice)

TCM practice is not generally applied to the healthcare sector but the sector itself could increasingly benefit from its use, especially during crisis periods

global projects in difficult times

global projects are those more suitable to TCM adoption due to their dimensions, uncertainty, complexity as well as the multiple contractors involved

long term projects controlling

among the projects to be controlled those long term running have particular need to be controlled in a systematic way

owner / contractor / professional issues

TCM effectiveness is measured by its ability to solve the issues of every actor in the project delivery process

estimating: art or science ?

estimating processes are a traditional topic of TCM

project risk management & control

project risk management is fundamental for anyone involved in the project delivery process; but beyond academic discussions, practical applications are considered very useful in the actual economic context

programme risk sharing

the possibility to share risks among clients and suppliers represents a way to get profitability and balance the risks: advanced techniques and practices (Open Book Cost Estimate, etc.) are needed

claim & dispute resolution

claim & dispute resolution has been a typical TCM topic, nevertheless it is still an important pillar of TCM practice

individual and corporate training and certification

certification is an important way to qualify individual skill and experience; continuing education is necessary for the future of our profession. These are powerful indicators by which to select reliable candidates for important joint ventures & partnerships

teaching and coaching TCM practices to young people

ICEC and every local TCM Institution are interested in transferring TCM practices to young people in order to pave the way for the next generation: any contribution on methods and experiences for this transfer of knowledge is well accepted

methodologies and quantitative methods to support TCM

as usual, on this occasion too, there will be an observatory on professional practices and new methodology frontiers

Submissions

Abstracts must be sent by e-mail as attachments to the ICEC 2014 Congress **Scientific Secretariat:**

icec2014@aice-it.org

Authors are invited to submit abstracts in English (Word *.doc format) of not more than 400 words for review. Each abstract should report the topic area it refers to, title, author full name, address, telephone, fax number and e-mail address.

The draft papers will be sent to at least two referees who are knowledgeable in the field of blind peer reviewing of papers. Papers will be reviewed in terms of relevance to the aim and topics of the congress; originality of subject matter; academic rigor of the proposed paper; contribution to knowledge and practical relevance.

Authors of accepted abstracts will be invited to present the papers and to assign the copyright to ICEC 2014 for their publication in the proceedings.

The proceedings will be given an Index Standard Book Number (ISBN).

Please note that at least one of the authors must register, attend the congress and present the paper as a condition for publication. Authors will benefit from a discounted fee.

A short CV of authors must be forwarded at the same time as the final paper submission.

For any assistance with abstract submission and further information, please contact Mr. Gianluca di Castri at AICE:

icec2014@aice-it.org.

Updated Deadlines

- **February 15th, 2014** Submission of abstract
- **February 28th, 2014** Notification of abstract acceptance
- **April 30th, 2014** Submission of draft paper
- **May 31st, 2014** Notification of paper acceptance with comments of the revisers
- **June 30th, 2014** Submission of final paper

Scientific Committee

The papers shall be revised by an International Scientific Committee, composed by internationally recognized experts from industries, academies, ICEC and other professional association members.

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An **exhibition** and a **poster session** will be organized in parallel.
For any further information on registration, accommodation and tour proposals visit the website
www.icec2014.it - www.icec2014.eu

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