



# PROJECT AND TECHNOLOGY MANAGEMENT FOUNDATION (A non-profit Organization)

Website: <http://www.ptmfonline.com/>

## Editor's Note



**Ramesh S. Tyagi**

We have great pleasure in announcing the Global Conference on "**Management Challenges in Large and Complex Infrastructure Projects.**" You are welcome to share your views and experiences, contribute articles and actively participate in the deliberations of the conference.

Management of infrastructure projects is a crucial area in view of its economic importance. Huge resources are deployed for construction of new roads and highways, power, coal, petroleum and gas, railways, airports, ports, harbour, telecommunication, irrigation systems. The total investment during eleventh plan is estimated to have crossed 500 billion dollar and is expected to be about one trillion dollar during twelfth five year plan. Inefficiencies in project planning and execution of infrastructure projects, impedes economic growth of the country.

The Government of India is proposing to set up special agencies that would be responsible to acquire all the clearances and approvals before bids are invited and go ahead for implementation is given to the contractors responsible for implementation of the projects. This initiative may help in avoiding delays at pre-construction stage including environmental clearances, land acquisition, and others.

The global conference will discuss and share experiences on effective management of large infrastructure projects covering key issues such as initial planning, competencies in project management discipline, resource mobilisation, gaps in skilled manpower, latest construction technologies, tools, techniques and methodologies for project planning and monitoring, human resource development, importance of effective leadership for managing projects.

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## Mission of PTMF

The mission of PTMF is to create a dynamic network of professionals, practitioners, academics and students to exchange ideas, disseminate knowledge, carry out research, provide training and accreditation in the area of project management..

## Governing Council

1. Prof. Rajat K. Baisya, Founder President.
2. Mr. Ramesh S. Tyagi, Former CMD, NIDC.
3. Prof. S.S. Yadav, DMS, IIT Delhi
4. Prof. D.K. Banwet, DMS, IIT Delhi.
5. Dr. Sunil Abrol, Former Director General CDC.
6. Prof. N.C. Patnaik, IMI, New Delhi.
7. Dr. P.K. Chaudhuri, Chairman Public Sector Enterprises, Assam.
8. Mr. Mahesh Mahajan, Former VP, TCS.
9. Dr. R.B. Barman, Director Hudco, Former Executive Director RBI, Mumbai.
10. Mr. V.G. Rao, Director (Projects), Technimont ICB, Mumbai.
11. Mr. Amal Shankar Roy, Former Executive VP-SCM, Shreyas life Sciences, Mumbai
12. Mrs. Sapna Subramani, Program Manager, Nokia Siemen Networks, Bangalore



## Roads

The Road Transport and Highways sector is yet to achieve its target of building 20 km of roads a day due to delays in land acquisition and green hurdles. Besides poor performance of Contractors

( The Economic Survey 2011-12 )

## Power



The eleventh five year plan target was additional power generation capacity of 78000 MW. Against This target, additional power generation capacity will be lower than 50,000 MW. As per one estimate, there are 58 clearances required from various authorities and agencies for setting up a power project in India.

Reaching electricity to all in Rural Sector under Rajiv Gandhi Grammin Vidyutikaran Yojna (RGGVY) was the target set under eleventh five year plan . Power for all target has not been achieved.

Power is most crucial for economic development of the country. MSMEs (Medium small and micro enterprises are hit hard due to inadequate availability of power. MSMEs contribute almost 8 percent of GDP, 45 percent to manufacturing output and 40 percent to its export.

## Highlights of infrastructure projects in India

Thirteen projects in road transport are expected to have cost overruns of...61 per centThe flash report for the month of October 2011 tracks the progress of 583 projects in different sectors. Out of these...235 are delayed... Maximum number of projects delayed relate to road transport and highways (90)The survey said that as against the estimated public and private-sector investment of about Rs 1,52,201 crore during the 11th Plan (2007-12), the total investment requirement during the 12th Plan in the central sector for roads would be about Rs 6,11,344 crores.

(SOURCE: MyDigitalFC.com | Financial Chronicle 2012-03-15 11:17:00)

## Upcoming Event



GLOBAL CONFERENCE

on

**Management Challenges in Large and Complex Infrastructure Projects**

Venue: New Delhi

Date: 17th & 18th November 2012

In association with

**Delhi Management Association(DMA)**

**And**

**LENS LIVING LABORATORY(Slovenia ) & NETLIPSE (Netherland )**

(Overseas Collaborators of PTMF)

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**DMA**

E-mail: [info@dmadelhi.org](mailto:info@dmadelhi.org) or [dmadelhi@sify.com](mailto:dmadelhi@sify.com).

## New Members

### Corporate Life Members

- Strategic Consulting Group Pvt Ltd,
- Oil India Ltd (PSU)

### Individual Life Members

- Dr S. Prakash Tiwari FNAAS, Former Vice Chancello SK Raj Agri University,
- Mr Arvind Gautam, BE, MBA, LLB,Head of Operations, Caparo Engineering India Ltd,,Gurgaon
- Mr Vaibhav Pisal , B.Tech, Engineer, Isolux Corsan India Pvt Ltd Gurgaon
- Dr( Ms) Anuradha Dafal , B.Sc, MBBS, MD (Radiology) , Bhopal
- Ms Mrinilika Singh Dev, MBA , Strategist, Google Online Pvt Ltd
- Mr Siddarth Tiwari, MBA, Program Manager (Training & Development) Google Online PvtLtd
- Mr Mrinmoy Kanti Das, BE, MBA, Senior Manager (Materials Management), ONGC, Khartoum, Suda
- Ms Susmita Paul, BE, MBA, Assistant Professor(Operations Management),Jaipuria Institute of Management , Noida
- Dr Ganesh Das Head of Customer Service and Strategy cell at NDPL ( NewDelhi Power)

### Individual Members

- Dr Somnath Chakrabarti, BE, MBA, Ph.D ,Associate Professor (Marketing) IMT Ghaziabad
- Dr Gautam Sen -Former Head of Quality Management at ICI Ltd
- Mr R.B Srivastava- Regional Manager at SIMS Recycling Solutions
- Dr K. Venkatasubramanian-management consultant
- Mr Pankaj Priya, Associate Professor of Marketing at Birla Institute of Technology & Management, Noida

## Eligibility

### Fellow Members

Eminent professionals in the field of project management will be awarded fellowship by the foundation.

### Corporate Members

Corporate bodies in the public and private sector will be inducted as members of the foundation. The corporate members will be categorised as large, medium and small depending on the size and turnover of the organisation.

### Institutional Members

Institutions dealing in education or application of project management such as business schools, NGOs, institutions dealing with development programs etc. will be inducted as institutional members

**Individual Member:** This category of membership is open to those who have been engaged in project management practice either as an individual or an employee of an organisation for at least three years, or as faculty for at least one year in a Business School/Engineering college recognized by the All India Council for Technical Education (AICTE).He/she should be over 25 years of age and possess suitable educational qualifications.

## Quotes

"Time is the scarcest resource and unless it is managed, nothing else can be managed."-

**Peter Drucker**

"Nothing happens until something moves."

**Albert Einstein**

"The two greatest tyrants on earth are chance and time." **Philosopher Johann Gottself Herder**

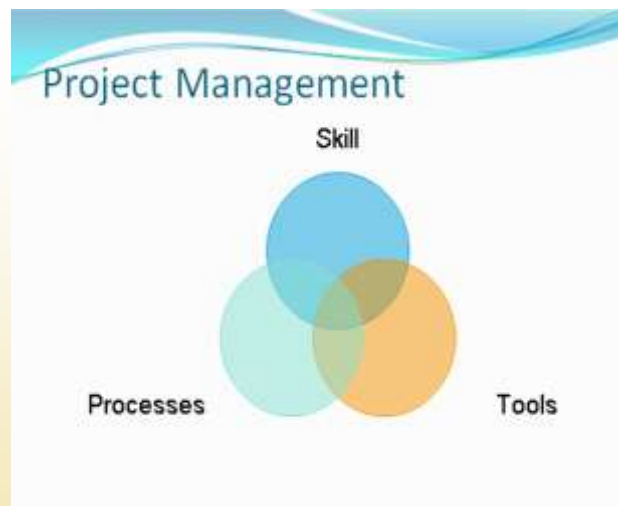
"Do what you can, with what you have, where you are." **Theodore Roosevelt**

"The secret of life is to have a task, something you devote your entire life to, something you bring everything to , every minute of the day for the rest of your life. And the most important thing is, it must be something you cannot possibly complete."- --  
--**Henry Moore, Sculptor**

"Many people fail in life, not for lack of ability or brains or even courage but simply because they never organized their energies around a goal ."

**Elbert Hubbard Writer and craftsman 1856-1915**

" Let me tell you the secret that hassled me to my goal. My strength lies solely in my tenacity." **-Louis Pasteur**



## Quality Issues in Project Management

Dr Gautam Sen

Quality Management (QM) and Control system are integral parts of the project management process just like “Time, Cost, and Performance Management”. The process requires that, like normal production or manufacturing operations, the project work also needs to be monitored for quality and that improvement be made as the project progresses.

Project involves a number of sequential and concurrent tasks and activities having targeted inputs and outputs. These inputs and outputs must be managed and controlled to make sure that the work is done correctly, the tasks and activities are completed faultlessly as per plan, and the end product meets the clients/project sponsors requirements. If the work on any activity/task is flawed, subsequent activities would be affected, requiring rework, delaying the project, enhancing the cost and threatening project success.

The project management team must keep in mind that the only the project sponsor and the client determine quality, and project team does not. Hence, the team must implement appropriate process and system to ensure that sponsor/client’s requirements are fully met.

The main reasons for a project’s failure are i) Poor planning, ii) Poor scope-management practices,, iii) Poorly managing work plans, and iv) Inadequate project control mechanism like Time Management, Cost Management, Quality Management, Performance Management, Poor quality control in project management is associated with a) Rework, b) Higher maintenance and support costs, c) Client dissatisfaction, d) Missed deadlines and budget, and e) Poor morale of the project team members.

Government Of India’s has made massive investment plan of about \$1 trillion in various infrastructure development during 12th five year plan through “Public- Private- Partnership mode” for construction of road, transport, port, airport, dedicated industrial/freight corridors, Metrorail, power plants, mining and so on, in order to achieve high economic growth( min. 9% of GDP) year after year.

Hence, it becomes imperative that all the infra-projects are to be monitored and controlled in terms of quality to ensure their completion within budget and time.

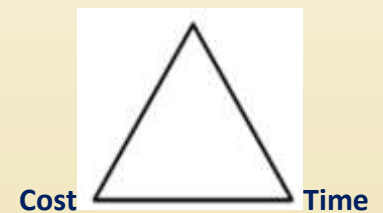
### Research and Training



### Project Management skills



### Performance



## Project and Technology Management Foundation (PTMF)

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