



Project & Program Management

- for Infrastructure Construction and Plant Engineering -

In Tokyo, Japan from 6th to 17th February, 2012

Course Objectives

If you are responsible for the project management of enterprises in the field of infrastructure or plant construction projects ⁽¹⁾, this program helps you be able to manage projects effectively and efficiently, and contribute to the quality assurance of project outcomes by providing an ample platform to master the system and method of project and program management based on the P2M[®] ⁽²⁾.

Target Participants

1. Executives, senior managers and/or project leaders who are in a position to manage infrastructure or plant construction projects
2. Managers, supervisors or engineers who are responsible for contracts, design, procurement, construction, etc. of infrastructure or plant construction projects.
3. Their companies should have already worked or will work for the infrastructure or plant construction projects awarded or implemented by Japanese companies
4. Public organization officials who are in charge of infrastructure development may also be accepted.

Part of the participation expenses will be covered by subsidy from the Japanese government

Language

All lectures and visits will be conducted in **English** or Japanese with translation into English.

Course Features

1. You can acquire the systematic knowledge that is covered in the international version of the PMC (Project Management coordinator) level in P2M[®], a project management system developed in Japan
2. You can learn P2M[®] directly from distinguished lecturers registered at Project Management Association of Japan.
3. The program director, one of the leaders of the global project management community and having broad experience in engineering and construction projects, and qualified practitioner lecturers will deliver lectures and conduct site visits, workshops, case studies and panel discussion directly.
4. You can self-check your comprehension level by taking a test based on P2M[®]'s certification tests.

(1) What is Infrastructure Field?

It typically includes the water industry, traffic management systems, coal gasification and coal-fired power plants, electricity transmission and distribution systems, nuclear power generation plants, railway systems, resources recovery and recycling systems, aerospace industry, renewable energy development and utilization systems, telecommunications systems, urban or small community development, industrial park development and oil and gas plant system area.



(2) What is P2M[®]?

P2M[®] is the "Guidebook of Project & Program Management for Enterprise Innovation" originally issued by the Engineering Advancement Association of Japan in 2001 after three years of research in response to a commission from the Ministry of Economy, Trade and Industry of Japan (METI), and has been owned, disseminated and enhanced since 2002 by the Project Management Association of Japan (PMAJ).

Originally, P2M[®] was developed as a vehicle to support Japanese enterprises, organizations, and the government to reinforce their competitiveness through innovation and it is also a program management method that considers not only how to make one project successful by meeting the quality, budget and delivery time requirements, but also it is an edifice of knowledge that integrates a program consisting of plural projects under a common program mission by considering total optimization from a higher and wider perspective.



Tentative Schedule

Date	Morning Session		Afternoon Session	
Feb.5 (Sun.)	Arrival in Japan			
6 (Mon.)	Orientation Opening Ceremony		Lecture:	Introduction to Project and Program Management • Course Syllabus • Course Objectives • Introduction to the P2M® Guidebook
7 (Tue.)	Lecture:	Development of Infrastructure Projects	Lecture:	Fundamentals of Project Management
8 (Wed.)	Lecture:	Project Management Core Process - Project Goal Management, Section I • Life Cycle Management • Scope Management • Time Management	Site Visit:	Project Management • Typical Infrastructure Project Site in Metropolitan Area
9 (Thu.)	Lecture:	Project Management Core Process - Project Goal Management, Section II • Cost Management • Earned Value Management • Project Quality Management	Lecture:	Project Management Core Process - Project Goal Management, Section III • Report, Change and Issue Management • Delivery Management
			Lecture:	Project Management Common Process, Section I, • Project Organization Management • Project Communication Management
10 (Fri.)	Lecture:	Project Management Common Process, Section II • Project Resources (Procurement) Management • Project Risk Management	Workshop:	Project Management on a Hypothetical Infrastructure Project, Section I • Project Outline Statement • Project Scope Definition Using WBS Method • Project Stakeholders and Organization • Project Execution Strategy Development
	Workshop:	Workshop: Orientation		
11 (Sat.)	Day off			
12 (Sun.)	Day off			
13 (Mon.)	Workshop:	Project Management on a Hypothetical Infrastructure Project, Section II • Project Schedule (Bar Chart) Development • Discussion of Cost Estimate Methods • Risk Assessment of the Project • Result Presentation by Trainee Groups	Lecture:	Program Management Fundamentals, Section I
14 (Tue.)	Lecture:	Program Management Fundamentals, Section II	Lecture:	Management Domains Supporting Program Management
15 (Wed.)	Case Study:	Planning and Managing Infrastructure Projects in Developing Countries by Japanese Corporation (s)	Site Visit:	Program Management – Visit to a Corporation Practicing Infrastructure Program
16 (Thu.)	Workshop :	Program Management (Program Theme to be Proposed by Trainee Groups) • Mission Profiling, Program Design and Program Architecture Development		
17 (Fri.)	Lecture/ Discussion :	Course Summary and Review	Discussion:	Feedback on Examination: Questions & Answers
	Examination:	Comprehension test	Closing Ceremony	
18 (Sat.)	Departure from Japan			

*The above schedule is subject to change for the convenience of lecturers and cooperating companies, or for other unavoidable reasons.

Program Director: Pr. Hiroshi Tanaka, Practitioner – PM Association Executive – Professor

Pr. Hiroshi Tanaka is an adviser and immediate past president of Project Management Association of Japan (PMAJ); Visiting Professor of Strategy, Programme and Project Management at SKEMA Business School, France; Hon. Professor of Programme and Project Management at Admiral Makarov National University of Shipbuilding in Ukraine; Professor of Strategy, Program and Project Management at the Center of Advanced Studies and Research in Project, Program and Portfolio Management in Senegal; and Guest Professor on the “Grand Design by Japan” Program at Keio University’s Graduate Business School, in Japan. He is expert of JICA in project and program management, and has been program director at AOTS for the P2M course since 2009.

In industry, he has 42 years of experience in the global engineering & construction industry with his former employer JGC Corporation of Japan. He was a division general manager and a board member of a division company at JGC.

Pr. Tanaka is the founder of Japan’s project management society and an active global project management community player; he made his first PM presentation at IPMA World Congress, Copenhagen in 1982 and since served as key note/invited speakers at 100 PM conferences/public seminars in 24 countries and 100 in Japan; he served as the Chair, Global PM Forum since 2005 to 2007. He has been honored with seven international awards of project management, including ExxonMobil Professional PM Award in 1996 and the Ukrainian State Order “Honoured Decoration of the Ministry of Finance of Ukraine”, the supreme contribution award to the Ukrainian Government in June 2010, and three Japanese, including the Minister of Economy, Trade and Industry Award in 2008.

Please refer: http://www.aots.or.jp/eng/t_prg_j/management/fy/2011/infra_sea.html

For further information: AOTS Scholarship Processing Group TEL: +8-3-3888-8214 Email: shouhei@aots.or.jp

Application Deadline: 21st November 2011