



WORKSHOP # 2: Tutorial in Project Management in Construction Management

Successful Acquisition, Development, and Integration of New and Best-Available Technologies

Emphasizing the Capital-Facilities (Construction) Industries

Workshop at Dubai International Convention and Exhibition Centre on April 6, 2008



Dr. Amin Habboub
Head of Regulatory Controls
NAKHEEL (Palm Jebel Ali)

Description

Proper Technology-Management takes much more than soft skills. It requires a visionary and highly-committed organizational leadership and a proper understanding of own needs and requirements. It also requires a meaningful understanding of the Technologies sought; their Alternatives, Value, Capabilities, and Limitations,

particularly in relation to the extents “needs and requirements” of the Organization are met and allocated-resources are properly utilized.

The Workshop reviews basic principles of Technology-Management, and Types of Intellectual-Properties (IP), emphasizing Design and Utility Patents. It examines the basic ingredients of the Patent as necessary to support its Acquisition or Development Decisions.

The Workshop deals with challenges and risks that may be encountered in integrating new “best-available” technologies in mainstream operations and their impact on the whole project-delivery-system.

The Workshop reviews related professional-development aspects as well as main processes and issues encountered when acquiring or developing Patents and “booking them” as an Asset. Such Processes include Interfacing with “the Patents Office” or “Patent-Examiners”. It reviews the Professional Qualifications needed for such services.

The workshop also attempts at shedding more light on the scarcity of trained professionals, and on the need of specialized training opportunities, in relation to the above fields. It emphasizes the importance of “Technology-Hubs” (e.g., Consortia) as proper media to exchange knowledge and technologies and share their costs, risks, benefits, and related best-practices.

This Workshop reflects experiences and observations of its Author (only) gained over the past 25 years in the multiple areas of Technology-Development, Evaluation, and Integration. At one end, it provides an introductory overview of basic issues and principles of Technology-Management, which are most relevant to professionals newly entering this field. It quickly progresses into advanced issues, giving the more acquainted professionals a significant room to share best-practices and information. The Workshop provides an interactive part towards its end where “food for thoughts”, and discussions, may be exchanged as to achieve a “common understanding” of critical issues.

Outcomes

On completion of this Workshop, it is expected that candidates should develop:

- Further understanding of Technology-Management, Intellectual Properties (IP) and their types
- Further Understanding of the processes involved in Evaluating, Acquiring, or Developing Technology
- Further Appreciation of IP as a Fundamental Asset on the “Balance-Sheet” of the Organization
- Further Appreciation to the role of consortia and collaboration on major technologies
- Further Appreciation to the role of the “Chief Technology Officer (CTO)” beyond basic Research and Development (R&D)
- Realization of opportunities in seeking professional training in Technology-Management, particularly in Patent-Technical-Writing and Development

Who should attend

This Workshop is particularly designed for Technical and Engineering Directors/Managers, Corporate Policy-Makers, R&D/Technology Officers, Managers of Knowledge/Learning/ Excellence Centres (or PPP Consortia), as well as for Finance and Business Managers; who are interested in advancing technological capabilities and solutions in their organizations.

It is also important for IT managers, Technical Consultants, and Trainers, concerned with identifying, introducing, integrating, and/or implementing specific Technologies.

Presenter Biography

Dr. Amin earned his Ph.D. in Civil-and-Environmental-Engineering from the University-of-Illinois in Urbana-U.S.A., and has nearly 24 years of Engineering-Management experiences.

Prior to joining Nakheel, he worked (for nearly 5 years) as a Senior Project Manager (at corporate-level) with HNI-Corporation (a “Best 100 Managed”/“Fortune 500/1000” Company), and, before that, as a “Research-Engineer” for 6 years with the Centre-of-Excellence for Airport-Technologies at the University-of-Illinois.

Dr. Amin co-published numerous U.S.-Patents, Reports, and Journal-Papers. He taught a variety of Engineering and Management courses at premier Universities in U.S.A., U.A.E., and Jordan. He also served on several main U.S. standards-development committees and on steering-committees of major technological programs and initiatives.

Tutorial fees and Additional information

Tutorial fees for Finance & Banking-workshop are:

Conference Participants **US\$ 120**

Non Conference Participants **US\$ 600**

Students **US\$ 75** (Students should supply proof of full-time student status from the University to claim student rates)

For more information and registration please visit www.buid.ac.ae/iamot2008 or email iamot@artaaj.com.

