

# BASIC PRINCIPLES OF LEAN MANUFACTURING AND LEAN PRODUCTION PLANNING

for High- & Middle-Level Managers from the Manufacturing Industry

01 June 2012 - The Palace - Sliema - Malta

## WORKSHOP TIMETABLE

**This event is a very interactive workshop, an open conference, and a continuous round-table debate, aiming at transmitting basic LEAN MANUFACTURING and LEAN PRODUCTION PLANNING concepts and principles to attending managers in a practical, hands-on, result-oriented fashion. Effective ways of progressing rapidly from principles to implementation will be illustrated.**

Delegates will be requested to present the main problems they are facing operationally in the present recessive times. The appropriate Lean Topic suited to face effectively those problems will then be illustrated. The main Lean Topics covered in this event are:

### MORNING

- World Class Manufacturing Operations - Understanding the scenario
- Value Adding Management In The Manufacturing Industry - Focusing on the productive processes to maximise the output value - Identifying waste in manufacturing operations
- The "push" and "pull" productive methods - The Kanban approach to pull production - Why the Kanban method is no longer to be considered "lean" and in which cases it should be adopted
- Understanding "takt-time", "throughput-time", WIP (work-in-progress) and their inter-relationships
- Continuous Flow Production, or production with no waste
- Flow Production In Three Different Situations: Labour-intensive - Machine-intensive – Combination
- Cell Production And Group Technology - Design of manufacturing cells: Principles and techniques
- Plant, Equipment, Machinery, Layouts And Flow Production
- Lean Disciplines: TPM basic principles for the Manufacturing Industry – Autonomous Maintenance
- Lean Disciplines: The Quick Change-Over approach
- Total Quality Management (TQM) and Lean Manufacturing

### AFTERNOON

- Basic Lean and Continuous Flow principles for the Continuous Process manufacturing industry and the highly mechanised/automated factory
- Value Stream Management: A Global Approach To Lean
- Production Planning Yesterday ("Traditional" Planning) - MRP: Materials Requirement Planning – overview
- Lean Productive Systems – The Planning Approach - Towards Lean: "*Intelligent*" Kanban and Paced Withdrawal - *Flow Production* golden rules: the *macro-mix/micro-mix* planning approach.
- Specific Lean Planning Methods for "Contract" Manufacturers
- People for Lean Manufacturing: Multi skill, Multi-function, Flexible, Responsible, Empowered

***Lean Manufacturing: A Cultural Revolution***

For further, comprehensive details, please visit  
<http://www.scodanibbio.com/malta2012/>