

Lean technologies use in engineering management practice of Engineering center of Airbus in Russia (ECAR)

Visual management, performance standartization, KPIs

Form: workshop in ECAR office

Objectives:

- To get information about Lean technologies use in engineering management practice and office activity. Real life example demonstration
- To see how visual management performance standardization and planning are used in engineering practice
- To discover which KPIs and means of motivation can be used in engineering practice

Core audience:

- Heads and specialists of production system development departments, involved in operational efficiency improvement projects
- Heads of design companies and bureaus, chief designers, design managers, lead engineers, engineers

The participants will get answers to the following questions:

- Visual management and its influence at project cost efficiency
- Types of losses in engineering practice and the ways of their elimination and minimization
- Performance standardization use in engineering projects planning
- Earned value method use in project cost efficiency monitoring
- KPIs use in personnel motivation system
- Design documentation agreement stages in engineering center

Workshop program

Day 1

Theory

- Company organization chart, company objectives
- Types of ECAR projects
- Losses recognition and elimination
- Value stream performance objectives and their reference to company objectives
- Everyweek visualization
- Visual planning

- Project cost efficiency, PV/SV monitoring
- Facility tour

Day 2

Theory

- FIFO boards
- Project data management for the purpose of access speedup
- Checklists
- Task calculators
- Visual instructions
- Practical problem solving
- ERP system
- Q6 system
- Motivation system

Practice

- Visual planning exercise
- Losses recognition standard development