



COURSE CONTENT: Mastering the implementation and management of Six Sigma based on ISO 13053

Day 1: Introduction to ISO 13053 and initiation of a Six Sigma project

Course objective and structure

Standard and regulatory framework

Quantitative methods in process improvement (QMPI)

Initiating Six Sigma implementation

Analyzing the existing processes

Day 2: Define and measure phases of Six Sigma projects

Leadership and approval of the Six Sigma project

Six Sigma infrastructure within an organization

Training, awareness, and communication plan

Six Sigma process mapping and tracking

Creation of data collection plan

Implementation of data collection plan

Day 3: Analyze and improve phases of Six Sigma projects

Data analysis

Process analysis

Root cause analysis

Six Sigma project prioritization and selection

Generating and selecting solutions

Implementation of solutions

Day 4: Control phase of Six Sigma projects and preparation for an assessment

Monitoring, controlling, and evaluation

Internal audit

Management review

Continual improvement

Competence and evaluation of implementers

Closing the training

Ref : <https://www.codecnetworks.com/Trainings/PECB/iso-13053-six-sigma.php>