

Build a preliminary information system project



SII-20 2 Days (14 Hours)

Description

Master the successful launch of an information system project by controlling all facets of the pre-project phase: define the triangle "quality, cost, deadline" and ensure its feasibility, identify the main risks and base the launch decision on the value provided by the project.

Who is this training for ?

For whom

All the players involved in the upstream stages of IS projects, both on the project management and project management side: IT department, project managers, project managers, study managers.

Prerequisites

Aucune

Training objectives

Training program

La définition des projets informatiques

- IT projects (development, software package, integration, etc.) and associated life cycles.
- Place of the preliminary project.
- The launch context projects: master plan, IT strategic plan, project portfolio management.
- The governance of IT investments by the IT department, the COBIT vision: rules and controls.

La phase de l'avant-projet

- The phasing of the preliminary project following the life cycles: classic, SDLC, PMBOK...
- The two classic stages: initialization (opportunity), study (feasibility).
- Objectives, tasks and milestones.
- Decisions: objectives and budget of the preliminary project, feasibility, coherence and contributions of the project.
- Sizing of the phase and the teams.
- Definition and launch of the project: the project plan, standards and development, technical-economic feasibility.

L'étude du Système d'information

- Objectives of a study: reference framework, definition of limits, expected results.
- The rules and formalisms for defining an IS.
- L 'study of business processes, their modeling.
- Process optimization.
- Functional analysis of needs, definition of requirements: scope and depth.
- Definition and sizing of the principles of the technical solution.
- Definition of the application architecture.
- The place in urban planning of the IS.
- The reference framework of the IT department.

Valorisation économique du projet

- The value of IS projects: measurements in cost of ownership (TCO) and return on investment (ROI).
- Use and calculation rules.
- Estimate of the project cost: different approaches.
- Estimation of the level of precision of the estimate.
- Calculation of the cost of the application: taking into account maintenance phases, costs administration and support.
- Risk analysis, provisions to be established.
- Budgetary management of costs, standardization of results.

Réussir l'avant-projet

- The actors of the phase.
- Distribution of MOA/MOE roles.
- Place and roles of a steering committee.
- Business Cases, standard plan and essential components, SWOT analysis, VALIT vision.
- Know how to convince at the end of a preliminary project: the Business Case, decision-making summary.