



Economic Analysis of the ICT Sector



11 - 22 November 2024



Singapore

Economic Analysis of the ICT Sector

course code: A9466 From: 11 - 22 November 2024 Venue: Singapore - course Fees: 5500 Euro

Learning outcome:

The course will convey the following knowledge:

- The theoretical foundation regarding analysis of economic dimensions of projects in information technology, telecom and data nets,
- advanced ICT services. Knowledge of optimization based planning methods for data networks. Usage of financial methodology like real options, portfolio theory, risk management for analysis of ICT projects.
- Knowledge of important concepts of ICT economics as: long tail markets, network effects, modeling of markets with positive feedback and estimation of cost of ICT equipment.

The course will develop the following skills:

- Training in utilization of general microeconomic
- financial and operations research methods together with special properties of ICT networks for analysis of projects in development of telecommunications and data networks and related services
- Other important learning objectives: Give training in usage of relevant software for economics and planning of ICT technology and services
- Course content

Course is composed from three parts:

- Economics and planning of networks, telecommunications and information industry.
- Modeling of telecommunication systems with the help of the methods of operations research and managerial economics.
- Planning of competitive IKT services, in particular internet based services and mobile data services.

