

ENERESE: Economic analysis of energy investments

Topics covered by AUT (Dr. Effrosyni Giama)

1. Economy and investments (Macroeconomics, capital cost, debt and equity structure, inflation, fiscal policy)
2. Economic features of an investment (Capital expenses, depreciation, revenues and expenses, cash flows, salvage values)
3. Energy investment plans and time (The time value of money, lead and implementation time, cost concepts and identification)
4. Investment appraisal methods for energy production and energy conservation investments (Net Present Value, Internal Rate of Return, Life Cycle Cost, Levelized Cost of Energy, Depreciated Payback Period)
5. Tools to promote energy policies and renewable energy sources (Feed in tariffs, Net metering, Alternative subsidies' schemes)