

Business Case

"Development of an Energy Supply Strategy"

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Industry	Infrastructure
Functional Practices	Corporate Strategy
Client Description	The client and its subsidiaries are major shareholders and operators of a variety of infrastructure facilities at an industrial park focused on chemical processing. The clients' services for the located companies and producers span a wide portfolio. The major purpose of the development of an industrial park is to supply the required media like power, water and high pressured steam, as well as the operation and maintenance of the power plants themselves and their related infrastructures.
Mandate	Due to increasing procurement costs for gas, the economic operation of combined steam and gas (COSAG) power plants was questioned. Further, the client was afraid they could no longer guarantee a favorable supply of the required media (power, steam) to their customers. The development of a new supply-strategy was requested.
Methodology & Achievements	 Set up a strategy workshop to identify all assets and the course of its operations Developed a data cube regarding all energy sources (gas, high pressure steam, and electricity) and the customers of the industrial park Evaluated the assets in terms of output and expected lifetime Provided forecast regarding the consumption of each customer Provided forecast regarding the price shift of oil, gas, high pressure steam and electricity Executed of a strategy workshop on how to set up a sustainable supply-strategy

