Feasibility study of modifying Gävle Folkets Hus's ventilation system to improve efficiency

Abstract
As the title of the thesis indicates "Feasibility study of modifying Gävle Folkets Hus's ventilation system to improve efficiency", the target of this project is to suggest improvements on the ventilation system of the building in question in order to enhance energy efficiency of it, focusing on reducing energy losses and optimizing energy consumption. Implicitly, the modifications are also channeled to create an adequate indoor air quality. "Gävle Folkets Hus", is located in Södra Centralgatan 10, 80250 Gävle, Sweden. The edifice was built in 1946 and some modifications were made in 1980.

Matèries: Buildings -- Energy conservation, Buildings -- Heating and ventilation, Edificis -- Estalvi d'energia, Edificis -- Calefacció i ventilació

URI: http://hdl.handle.net/2099.1/14807

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The measurement of feasibility is known as feasibility study. There are number of aspects which are taken into consideration while the feasibility studies. Firstly the project team is formed then with the help of flowcharts and other forms of documentations the characteristics of the system are identified. The system is evaluated and measured against the expected performance. A suitable candidate is selected for the job and a final report is made and presented to the management for further evaluations. There are number of steps in the feasibility study, some of them are.

1) Forming a team for Advanced Manufacturing Office.

In an effort to improve ventilation system performance in its Fresno, California textile plant, Nisshinbo California, Inc. (NCI) working with ADI Control Techniques Drives (ADI-CT) of Hayward, Industry: Process: Cotton Fabric. The latter two collection dates were added to capture a more representative study of the system, as energy demand in August and October is typically 1 to 2 percent higher than energy demand in November. When measured against the project's $130,000 gross cost which included the cost of the feasibility study; base. * Note: Emissions reductions would be greater for most facilities. More than half of the.