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# CASE STORY:
## Optimized Energy Utilization

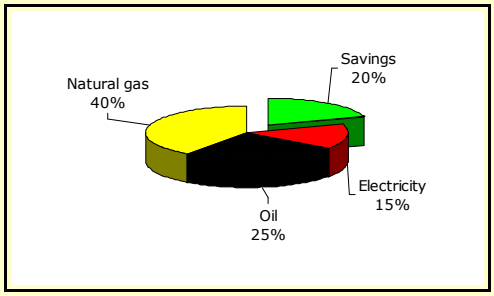
Sanovo Solutions has performed Energy Assessment at several Egg Products manufacturers. In all cases, significant energy saving potentials has been identified.

**The Challenge**. All the assessed Egg Product factories were aware of energy loss, but the quantities of energy wasted and the potentially reduced costs were unknown. Loss of heat and excessive electrical energy consumption due to unmanaged operation of compressors, pumps, coolers, fans and lighting represented some of the potential points of energy saving. However, the task of identifying the energy waste points and quantifying the potential savings and investments was new to the Egg Product manufacturers.

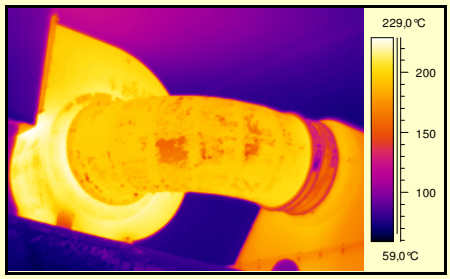
**The Solution.** Sanovo Solutions' energy engineers spent one day at each Egg Product factory. Using tools such as heat sensitive imaging, energy mapping and staff interviews an overview of the production energy consumption was established. From this material, potential energy savings were identified. For instance, the heat sensitive imaging clearly indicated loss of heat, which would never be discovered with conventional techniques.

After visiting each production facility, our engineers spent approx. two weeks processing the collected data into reports of approx. 50 pages, using unique software and Sanovo Solutions' experience. All data, calculations and results were included in the reports along with recommendation on actions to undertake and, in some cases, a budgetary investment price on improvements. The reports were presented to the clients and could be used directly in the implementation of the energy optimisation.

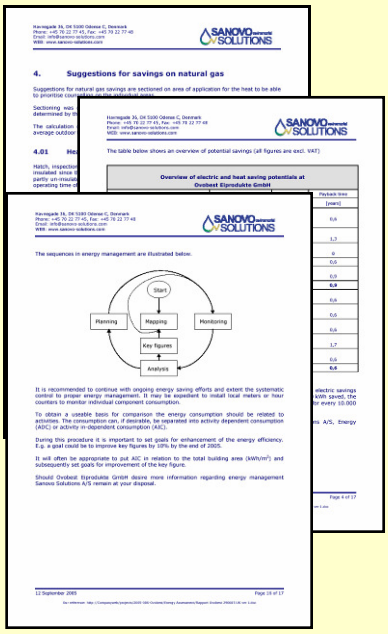
**The achievement**. Energy Assessment revealed up to € 80.000 per year savings in one Egg Product Factory. The investment had a payback time of less than one year. All clients have expressed great satisfaction with Sanovo Solutions' Energy Assessment services.



Typical energy savings



Heat sensitive image


Example from
Energy Assessment Report