

Andrzej Bagnowski, consultant and designer.
For 12 years I have been specialising in designing and optimising technological and HVAC installations.

Mobius
Andrzej Bagnowski

I offer services increasing the quality of the installation, as well as lowering the installation purchase and operating costs:

- **Value Engineering**,

It is a reliable cost optimisation of technological and HVAC installations, while at the same time meeting factual requirements of the customer. In other words, the installation will perform the same functions using less material, different material or using a more optimal technical solution.

Finding the proper optimisation requires careful checking of customer needs, verification of the design assumptions and the project itself. Thus, the second advantage is carefully prepared project documentation. Not only solutions generating savings are implemented, but there are also documentation corrections and supplementation. I regularly achieve very good results, reconciling the apparent adversities: reducing the costs together with increasing the quality of the installation and its design.

- **HVAC consultant**: supervision over preparation and collection of project and tender documentation. Effective changes implementation, supporting the client during the investment realisation. Audits, optimisation of the operation of the installation, fault diagnosis.
- **Commissioning**, i.e. expert supervision in the field of correct operation of installations and systems, their implementation in accordance with the previously checked project. With the help of measurements and calculations, I verify the efficiency and optimal settings of the installation. This allows to obtain the required comfort at the lowest operating costs, as well as reduces the number of faults.
- **diagnostics and hydraulic balancing** of installations
- **designing** technological and HVAC installations

What distinguishes me is the effective combination of design knowledge with practical knowledge of realisation and operational issues and purchase prices of materials. Designers have a lot of technical knowledge, but they pay less attention to purchase prices. Construction companies pay large attention to the cost of realisation, sometimes at the expense of technology. The combination of knowledge of these issues allows me to work out an optimal solution.

I effectively cooperate with design offices and solve issues during realisation. I pay a lot of attention to inter-branch coordination as well as practical assembly and operational issues. I have a large sense of the operation of the installation, I know how to diagnose its operation and make adjustments.

More information, services description, realised and current projects to be found on <https://mobius.biz.pl>



[one of the realised installations](#)



measurement with TA -Scope



[current project in realisation - SkyReach](#)

Feel free to contact me

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