Wachnik, B.; Kłodawski, M.; Kardas-Cinal, E. Reduction of the information gap problem in industry 4.0 projects as a way to reduce energy consumption by the industrial sector, *Energies*, 2022, 15, 1108. https://doi.org/10.3390/en15031108.

Abstract Reducing energy consumption should be treated as crucial for contemporary information and communication technology (ICT) projects under conditions of Industry 4.0. This research proposes a wider look at the factors influencing the success of ICT industry projects, considering not only technological and procedural conditions or implementation methods but also information and competency resources, thus allowing for correct decisions to be taken during project implementation. The article analyzes the information gap in Industry 4.0 projects completed in enterprises based in Poland, following the concept of sustainable development and minimization of energy consumption. The research was completed between 2018 and 2021 in medium enterprises, and the result is a qualitative characteristic of the information gap in ICT projects from the client's perspective. The research can help develop a complete methodology for Industry 4.0 ICT projects to limit the level of uncertainty and risk while reducing energy consumption.

Keywords energy consumption; information gap; Industry 4.0; IT project; Green I

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