



Żabka Eko Smart – partner quotes and bio notes

- **Saule Technologies**

Dr. Olga Malinkiewicz, CTO Saule Technologies: - *A target as ambitious as drastically reducing energy consumption and carbon emissions requires breakthrough technologies. We are pleased that Saule Technologies can effectively support Żabka in its sustainability strategy. Our perovskite photovoltaic cells have many unique advantages. With high efficiency in artificial light, they can power price tags, which is a revolutionary solution not only for energy saving. No less important is saving staff time and the possibility of multiple, remote changes in the price of products, which will allow more effective sales in the promotion of food products, the shelf life of which ends. This can prevent unnecessary food waste. In turn, the flexibility of the perovskite cells of Saule Technologies, printed on film, very thin and light, allows for their integration with blinds, which was also used by Żabka.*

Dr. Olga Malinkiewicz – Co-founder and CTO of Saule Technologies, one of the world's first and most important companies developing perovskite solar cell technology. In 2014 she received the first prize in the prestigious Photonics21 competition from European Commission Vice-President Neelie Kroes for her development of a groundbreaking method for producing perovskite solar cells in low-temperature printing technology. In 2015, Olga Malinkiewicz was awarded the title of "Innovator of the Year" in the "Innovators Under 35" competition organized by MIT Technology Review, and Saule Technologies, founded by Malinkiewicz, together with Artur Kupczunas and Piotr Krych, won the title of Startup of the Year 2014. In 2020, the American Chemical Society named Olga Malinkiewicz as one of the most important women in the world of modern technology.

- **ES SYSTEM K SP. Z O.O.**

Andrzej Konsor, CEO of ES SYSTEM K SP. Z O.O.: - *The cooperation between ES SYSTEM K and Żabka is an example of synergy between two companies with a similar business strategy based on sustainable development, responsibility, and ESG. We are proud to participate in this ecological project, which is the Eko Smart store in Poznań. We implemented here the best solutions that worked in previous locations, where the leader of savings was the Primus cabinet for frozen foods. Thanks to the use of our composite doors - Energy Saving Doors and optimizing the operation of the device, we have achieved results far exceeding the previous attempts to reduce energy consumption. The Smart Shop Control system is a tool that allows franchisees and shop staff to monitor and control the parameters of the devices remotely and at any time to achieve further savings in the energy balance. A novelty is also the fully natural hemp insulation, which is a promising alternative to the commonly used polyurethane foam. By creating a single team, we strive, through innovative solutions and artificial intelligence, to keep pace with the genius of nature and, together with it, to bear witness to our humanism.*

Andrzej Konsor – President of the Management Board of ES SYSTEM K SP. Z O.O., an engineer with a humanistic soul, as well as an aficionado of new technologies; privately he is a holder of an organic farm.

The refrigeration equipment that he produces is synonymous with quality, good design, and advanced AI solutions.

- **Columbus Energy S.A.**

Dariusz Kowalczyk-Tomerski, Dyrektor Zarządzający Columbus Energy S.A.: - *Columbus supports innovative energy solutions, so we are happy to join the concept of the Żabka Eko Smart store. As a service provider in the market of modern energy, we are convinced that achieving climate neutrality in Poland will not be possible without the use of innovative technologies. Therefore, in addition to supplying RES products (photovoltaics, heat pumps, energy storage), we create an ecosystem with our solutions that support efficient energy management. One of them is an intelligent system of supervision and optimization of energy flow - PowerHouse, with the service of a voltage regulator and remote monitoring of the performance of the photovoltaic installation. Such a solution primarily increases the profitability of RES equipment, so it will work both in households and businesses.*

Dariusz Kowalczyk-Tomerski – Since July 2022, he has been the Managing Director of Columbus Energy S.A. He has 20 years of experience in the IT industry, with a specialization in cybersecurity. For the last 12 years, he has been the president of TP Teltech LTD (Orange Poland), where he was responsible, among others, for the strategy and development of sales and new markets. In the years 2009-11 he was a proxy of the Management Board in the Marshal's Office of Lesser Poland region for the implementation of the Regional Innovation Strategy, and in the period 2006-08 he held the position of the Director of the Department in the Business Market Division of Telekomunikacja Polska S.A.

Dariusz Kowalczyk-Tomerski is also a member of the Board of the Polish Chamber of Information Technology and Telecommunications, and in the past, he has held the following positions: a member of the Board of the National Chamber of Commerce of Electronics and Telecommunications (KIGEiT), member of the Board of Information Technology, director of the Department of Economy and Information Society and member of the Board of Eris@ European Regional Information Society

He graduated from the University of Humanities and Economics in Łódź. He also completed postgraduate studies at EMBA and the Advanced Management Program at Kozminski University.