

VISIONARY IDEAS ARE AHEAD OF TIME

WIZJONERSKIE POMYSŁY WYPRZEDZAJĄ CZAS

The letter of intent on cooperation between the Warsaw New Tech University Foundation and the American company Enfoglobe provides for the implementation of joint initiatives in the field of personalized learning using digital solutions and virtual reality (VR). The combination of interdisciplinary scientific and technological potential as well as knowledge and international experience will allow both partners to prepare model systems in this area. The tools for their construction will be provided by the Enfoglobe company, specializing in the creation of innovative IT solutions, multimedia platforms, mobile applications and interactive medical simulators for learning by residents and students. The document was signed by Fr. prof. Stanisław Dziekoński, president of the WNTUF Foundation and Małgorzata Andraka, president of Enfoglobe based in Florida.



Fig. Małgorzata Andraka, president of Enfoglobe based in Florida and Fr. prof. Stanisław Dziekoński, president of the WNTUF Foundation

Jolanta Czudak: *The activities of the foundation and the American company Enfoglobe are focused on helping people, often lost in the digital world, and on solving health and social problems. Did these similarities in the business profile have brought the two partners together?*

Stanisław Dziekoński: The similarity of our intentions and priorities brought us closer together quite a long time ago. I had the opportunity to get to know the innovative products and services of Enfoglobe much earlier, when I was still the rector of the Cardinal Stefan Wyszyński University. The potential for developing information technology and virtual reality in Enfoglobe is impressive. It is used in many areas, including to optimize business operations, comprehensive investment management, legal documentation, as well as to create training programs in an augmented reality environment. Unique proprietary solutions for the medical industry combine the latest virtual reality techniques with procedures defined by doctors and world experts in this field. These achievements and the international prestige of the company, whose president and co-founder is Mrs. Małgorzata Andraka, an experienced IT expert, is very important to us in planning joint initiatives. The Foundation gains extensive technical facilities to implement its plans in the field of personalized learning with the use of digital solutions and virtual reality.

Małgorzata Andraka: Our activities with Fr. prof. Stanisław Dziekoński always shared a common goal to use digital tools to help people and modern education. As the rector of the UKSW, he did a lot in this area, transforming the humanities and social university into a broad-profile university, where he created innovative research and implementation centers in the field of digital science and technology and introduced innovative methods of education

in the field of social sciences, humanities, biological and medical sciences. After completing the dual term of university management, Fr. The professor, already as the founder and president of the Warsaw New Tech University Foundation, can now act even more globally in the development of model teaching models using digital solutions and virtual reality. I am very happy that we can share our visions, ideas and experiences in planning joint initiatives. For many years I have been specializing in programming solutions created, among others for the educational, medical, legal and business sectors, therefore the combination of this potential can bring many benefits in the preparation of model solutions in socially important areas.

JC: *In the activities of the Foundation, the innovative solutions of the Enfoglobe company will complement the implementation of the visions and ideas initiated on the initiative of Fr. professor at UKSW?*

SD: Certain processes cannot be stopped anymore. They have to be continued with the same intensity, although not at the university, but at the Foundation, which was established to carry out many things here that are very difficult to accomplish in a university with its own life. Certain standards and restrictions often block innovative solutions. It happened that my ideas about various initiatives in the field of implementing digital science and technology at the UKSW were not understood. I had few allies to transform the UKSW into a broad-profile university, create a Collegium Medicum at the university or build a campus dedicated to digital technologies in Dziekanów Leśny. It was similar with the intention to establish the EZRA company at the UKSW, implementing a proprietary model of psychological community care for children and adolescents. The originator of this valuable initiative, Tomasz Rowiński, immediately

gained my approval and, as the university rector at the time, I made the decision very quickly. Everyone, except the initiator and me, was against. Even when we have already received funding in the amount of PLN 35 million. The community psychiatry project was a great success. We started with B. other Warsaw districts. A few years ago, we initiated something that was not so obvious then, and today, in covid conditions, community psychiatry is the only lifeline for many people. Visionary ideas are ahead of time. It turned out that their introduction brought many benefits, and the university only benefited from these changes.

JC: *How did previous skeptics react to this?*

SD: Without any particular enthusiasm. Habits do their thing and not everyone feels the need to introduce groundbreaking changes at the university, even if they bring many benefits. By creating a digital technology campus, we have established cooperation with technical universities, as well as companies of key importance to the economic sector. We jointly conducted research on the use of large databases and artificial intelligence algorithms in the field of the research agenda, which we created together with KGHM Polska Miedź S.A. The works concerned various analyzes, e.g. rhenium-titanium alloy, which will be implemented into the economy, because it is an ideal material for 3D printers. It shows how the world of digital technologies can be used for innovative achievements. In today's world, it is no longer possible to imagine life without digital technologies. In the activities of the Foundation, the innovative solutions of the Enfoglobe company will be a perfect complement to the implementation of our shared visions and ideas without any restrictions. We intend to establish a group of experts who will advise us and indicate what needs to be changed in the area of science and what to do to establish contact with other entities. We want to create special purpose vehicles to carry out specific tasks, reach for EU funds, and help universities to carry out reorganization. We have a lot of plans, and thanks to good intuition, we will always choose the best solutions.

MA: Creativity, vision, hard work determine success, but intuition is always the source of the best ideas. It helps to make optimal choices. Our company brings many years of experience and a wide spectrum of technologies in the field of, inter alia, medical educa-

tion, telemedicine, treatment of addictions and civilization diseases, and the Foundation will be a conceptual leader indicating strategic directions of joint action. Our medical simulators with the ability to virtually travel deep into cells and organs enable scientists, students, residents and healthcare professionals to better understand the processes taking place in the body. For example, our interactive heart simulator NeoCardioSim, which is the only such technological device in the world, was developed in cooperation with international experts in the field of neonatology and cardiology. The modeling of cardiovascular diseases allows to better illustrate the course of treatment and complications that may occur in neonatal intensive care. The Medical University of Rzeszów, with whom we have been cooperating for several years, already has this device and helps a lot in the process of diagnosing and treating diseases. We have many proprietary products, created with the participation of scientists, which, thanks to our cooperation with the Foundation, will also be much more widely used in Poland.

JC: *Will the nature of the Foundation's cooperation with Enfoglobe be flexible or focused on specific tasks?*

SD: Our priority is, above all, to help people and society, which is not always able to cope in the modern world. It would be difficult to imagine life without digital technology, but this presents us with new challenges. We need to think about the man affected by these groundbreaking changes. The very name of the Warsaw New Tech University Foundation may suggest that we focus only on new technologies, but in fact one of the Foundation's tasks is to create a think-tank that will be focused on people living in the world of new technologies. On the needs that are triggered by the digital civilization, the changes it makes in people, creating, for example, new needs. At the same time, we also focus on specific areas of life that show great potential in digital technologies and their application. Human subjectivity, however, will always dominate our activities, for which technologies are to serve as modern tools. The combination of the activities of two strong entities will certainly bring very good results.

With Fr. prof. Stanisław Dziekoński, president of WNTUF and CEO of Enfoglobe Małgorzata Andraka, interviewed by Jolanta Czudak



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