

There is often made the reference to media statistics, stating that only 10% of start-ups makes a success. It means that 9 per 10 start-ups fail. The studies indicate that 21.5% start-ups are terminated with a failure in the first year, 30% – in the second year, 50% – in the fifth year and as much as 70% in the tenth year. What is the reason of such high percentage of unsuccessful projects? The start-ups fail due to financial reasons, most frequently at the

moment when a product occurs to be unfit to the market needs, or requires time-consuming and expensive changes during its development, its technological debt increases, or the problems with the effective monetization appear. Running the company is a hard work. It is worthy to analyze the data e.g. Report Polish Start-up 2021.

*Developed by Dawid Myszka*

## YOUNG INNOVATOR – GALA OF THE TALENTED YOUNG GENERATION

MŁODY INNOWATOR – GALA UTALENTOWANEJ MŁODZIEŻY

The approaching end of the school year was the occasion for summing up the initiatives of association movement, directed to a young generation. In Warsaw House of Engineer of NOT, the Gala summing up the 16<sup>th</sup> Competition "Young Innovator of 2020/2023 and the XLIX<sup>th</sup> Olympiad of Technical Science (15.06.2023) had place. The both mentioned initiatives were carried out under the patronage of the Minister of Education and Science.

The main heroes of the mentioned event were the laureates of the both initiatives – the young innovators from primary and secondary schools whose work was top rated by the Jury of the Competition and the pupils of the lyceums and secondary technical schools who coped the best with the requirements of the three-stage competition (the first school competitions were commenced in October 2022).

The Gala was also attended by the guests, including: Piotr Zakrzewski – Vice President of the Patent Office of Poland, Agnieszka Mokrogulska – Head of the Department of General Education and Programme Rudiments at the Ministry

of Education and Science, Dr Remigiusz Kopoczek – Vice-President of the Research Network Łukasiewicz for research affairs, and, also the sponsors and donors: Jan Rosiński – The Chief Technologist in Toruń Plants of Sanitary Materials SA, Jan Koblak – the President of HORUS-ENERGIA company, Dr Maciej Wieloch – the President of the INFINI ASI company. There were also present the members of the Chief Committee of OWT with the chairman Prof. dr Stanisław Wincenciak, Eng., and the members of the Jury of the Young Innovator, presided by Ewa Mańkiewicz-Cudny, the President of FSNT-NOT. Prof. *dr honoris causa* Czesław Waszkiewicz, Eng., the Chairman of the Jury of the competition *Numerus Primus inter Pares* was also the guest of the discussed ceremony. The summing up of this event had also place during the Gala. The Gala was also attended by the teachers, patrons, parents of the laureates and by the representatives of association movements, their agendas (Publishing House SIGMA-NOT) and the Regional Organizational Units, owing to which it was possible to run the competition and the Olympiad.



Fot. 1. Laureates and guests during Gala Young Innovator and Olympiad of Technical Science



Fot. 2. The guests and laureates were greeted by the President of FSNT-NOT, Ewa Mańkiewicz-Cudny



Fot. 3. Barbara Hoffman (the education inspector of the Mazovian Board of Education) reads out the congratulation letter of Przemysław Czarnek, the Minister of Education and Science

After greeting the participants, Gala was opened by a short appearance of Ewa Mańkiewicz-Cudny, the President of FSNT-NOT. Madame the President referred to the lasting celebrations of the Year of Mikołaj Kopernik and also, mentioned Maria Skłodowska-Curie as the persons who may be, even today, the role models to be followed for the young people. Then, Piotr Zakrzewski, Vice-President of UP RP invited the laureates to a great journey during which is will be worthy to watch the world, to get familiarized with it but also, to make it perfect and changed.

The congratulation letter of Przemysław Czarnek, the Minister of Education and Science to organizers and laureates of the both discussed initiatives was read out by Barbara Hoffman, the education inspector of the Mazovian Board of Education.

After the official part of the ceremony Mr Janusz M. Kowalski, the host of the Gala read out the protocol of the Jury of the Competition: "Young Innovator", which evaluated the received pieces of work and chose the laureates in three categories: primary school, lyceums, and technical schools. The first places were granted to the following persons:

- Antoni Jędraszak from Primary School in Wierzonka, for the project: "Filament device – PetMake" (transformation of PET

bottle into filament in printer), prepared under the guidance of Ewelina Tyranowska, M.A.;

- Jerzy Grabowski from the Secondary School - School of Leaders in Warsaw and Samuel Wiench from the Salvatore Dali Secondary School in Warsaw, for the project "Car lifting device – educational set for learning of mechatronics and programming", prepared under the guidance of Engineer Arkadiusz Kwapisz, M.Sc.;
- Filip Kiełbowicz, Mateusz Żuk and Łukasz Pytlowany from the Stefan Banach Technical School no 2 in Jarosław, for the project "SEMPER – device for rehabilitation of ankle joint", prepared under the guidance of Engineer Mariusz Skupień, MSc., and Engineer Bartosz Nycz, M.Sc.

It is worthy to mention that the President of FSNT-NOT granted also a Special Award. Its laureates became Tymoteusz Więckowski and Maurycy Mówiński from the Adam Mickiewicz Primary School no 4 in Kwidziń for the project: "Cloth with the built-in system of warming up the pet – WARM DOG", prepared under the guidance of Izabela Gąsiorowska, M.A.

Awards and diplomas were handed to the laureates and their patrons jointly by the President Ewa Mańkiewicz-Cudny,



Fot. 4. Laureates of the Competition "Young Innovator"





Agnieszka Mokrogulska – The Manager at Ministry of Education and Sciences and by Jan Rosiński, Technologist in TZMO (Toruń Manufacturing Plant of Dressing Materials) in Toruń.

At the end of this part of the ceremony, Prof. Michał Szota, the President of the Association of Polish Inventors and Rationalisers, co-organiser of the Competition Young Innovator, handed the Distinction of the Association which was granted to Paweł Komasara and Piotr Seremak from the AK "Jędrusie" Guerrilla Unit Complex of Schools in Połaniec for the project: "System improving the safety of the passengers in vehicles during stop – as saving often human life", guided by Engineer Mariusz Zyngier, M.Sc.

*Developed by Janusz M. Kowalski*

## LAUREATES OF THE XLIX<sup>TH</sup> OLYMPIAD OF TECHNICAL KNOWLEDGE

### LAUREACI XLIX OLIMPIADY WIEDZY TECHNICZNEJ

The appearance of Prof. dr hab. Stanisław Wincenciak, Eng., the Chairman of the Chief Committee of OTK commenced the distinguishing of the laureates of the XLIX<sup>th</sup> Olympiad of Technical Knowledge.

We should stress here the success of the first place winners. They were: in mechanics-construction group – Ludwik Madej from the King Kazimierz the Great Lyceum no 1 in Olkusz, whose guide was Maria Piasny, M.Sc.; in electric-electronic group – Kacper Chałubek from the Complex of secondary schools in Kleszczew, with the school caregiver Engineer Artur Szczepny, MSc.

Diplomas and awards for the laureates and their patrons were handed jointly by the President Ewa Mańkiewicz-Cudny, Prof. Stanisław Wincenciak, Piotr Zakrzewski – Patent Office of

RP and Jan Koblak – the President of Horus-Energy enterprise.

The ceremony was ended by the appearance of Dr Remigiusz Kopoczek, the Vice-President of the Research Network Łukasiewicz, who made an interesting presentation addressed to the young laureates.

After this address, the host of the total event expressed the words of gratitude to the Ministry of Education and Science and to the partners, sponsors and donors of the Competition and of the Olympiad: Foundation PKO Bank Polski, Toruń Manufacturing Plant of Dressing Materials SA,, Adamed Foundation, the Research Network Łukasiewicz,, companies: Horus-Energia, Stern Weber, MZGOK Konin, Hydroimaga, INFINI ASI, Warsaw House of Engineer and Publishing House SIGMA-NOT and NOT- Computer science. The specials thanks were given to the