



National Technical University of Ukraine
"Kyiv Polytechnic Institute of Igor Sikorsky"
Science Park "Kyivska Polytechnika"

Innovative Ecosystem "Sikorsky Challenge"



Startup School

Festival of Innovative Projects

Business Incubator



Force

Handy and user-friendly electronic device to care for elderly relatives



Project author – Liza Haizarova, obtained UAH 1.8 million of investments from the Venture Fund USP Capital (USA) for development of her startup.

In October 2015, a campaign on Kickstarter was launched

Multi-viewer Wider

Easy-to-mount projection monobloc completed by a media server and a panoramic screen



Project author – Anton Haliashynskyi, obtained UAH 1.8 million of investments from the Venture Fund USP Capital (USA) for development of his startup.

The multi-viewer is introduced in the Azerbaijan market

Luciding



Handy electronic device that makes it possible to control one's own sleep.

Project co-author –
Mykhailo Skrychevskyi



CamTouch

CamTouch - a complex that allows to turn any flat surface into an interactive one

Project author - Andrii Konovalenko, student of Igor Sikorsky Kyiv Polytechnic Institute, obtained investments from the Venture Fund Noosphere.



To date, his product is used in a number of schools in Dnipro city

Sliider

AGGREGATOR of the most profitable offers for STUDENTS

Project team:

Serhyi Lozovskyi

Sviatoslav Marynin

Daria Sukhinina

Iulia Zapolska



The project idea consists in making possible to take advantage of the most profitable and interesting offers on the markets of products and services



Safeguarding and search system

MARK-GPS

Project authors:

Oleksii Oleinyk

Vitalii Kovalchuk

Oleksii Tkachenko

- An equipment set MARK-GPS allows anyone to build his/her personal system for safeguarding and search his/her belongings. The "brain" of the system consists of a smartphone. The "actuator" is represented by an "intelligent" safeguarding and search complex MARK-GPS.

Protective coating for electromagnetic radiation shielding

Project authors:
Viacheslav Barsukov
Ilona Senyk

Crystal Control

Project authors:

Natalia Afonchyna

Ihor Chyzh

- Device for high-precision control of implantation of an intraocular lens

Two-channel bipolar neurostimulator

Project authors:

V. Maksymenko

S. Zubkov

S. Dzhanov

M. Kozii

I. Bohaichuk

- Renewal of the central regulation of different body functions for various neurologic diseases with application of transcranial and transvertebral micropolarization.

Cybernetic prosthetic device for human locomotor system

Project authors:

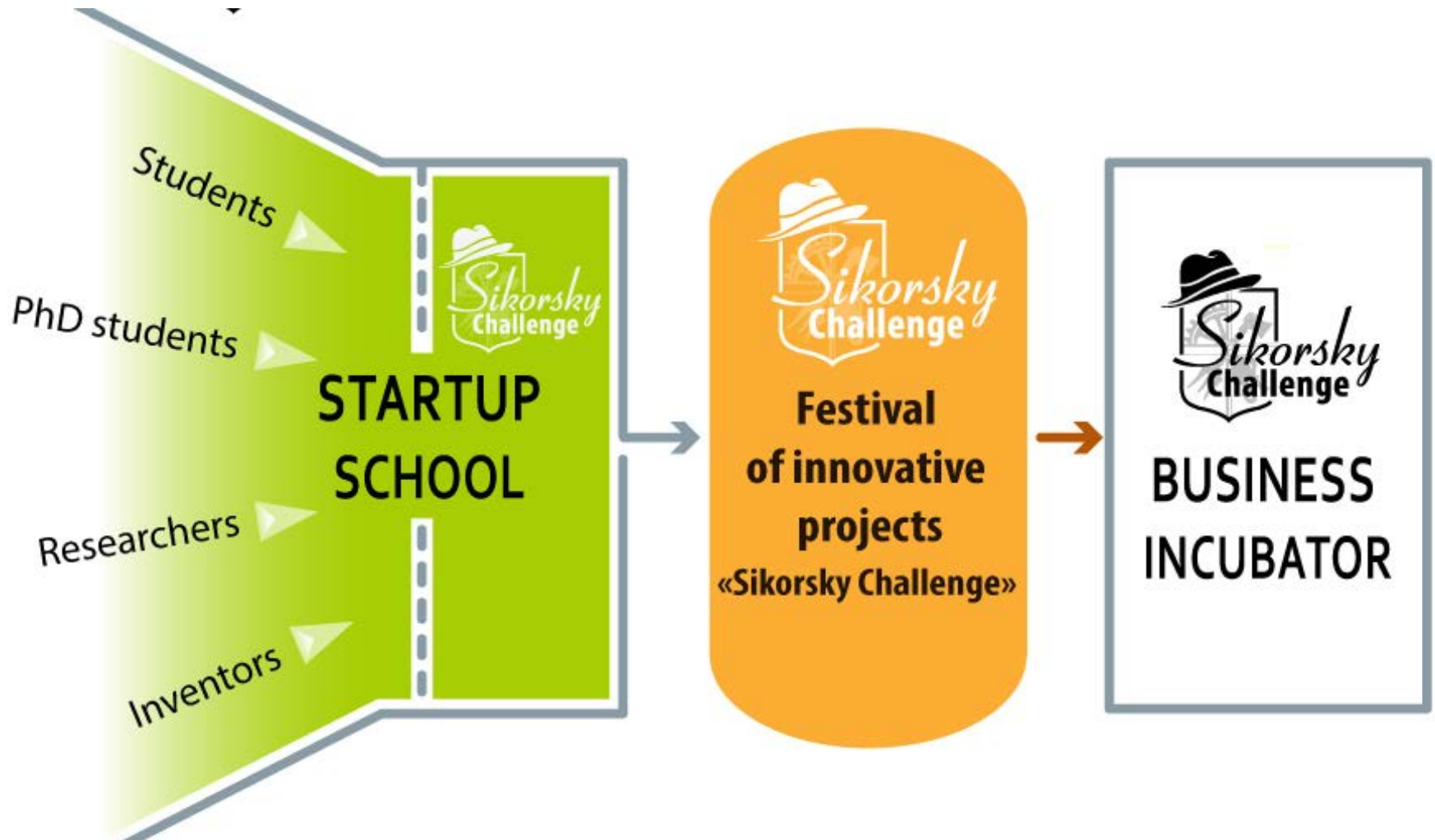
Dmytro Humennyi

Mykhailo Tkach

Iurii Tymoshyn

- Renewal of human motor ability with help of cybernetic prosthetics of a leg

Ecosystem “Sikorsky Challenge” as a part of the innovation system of Igor Sikorsky KPI and the Science Park “Kyivska Polytechnika” includes 3 basic elements

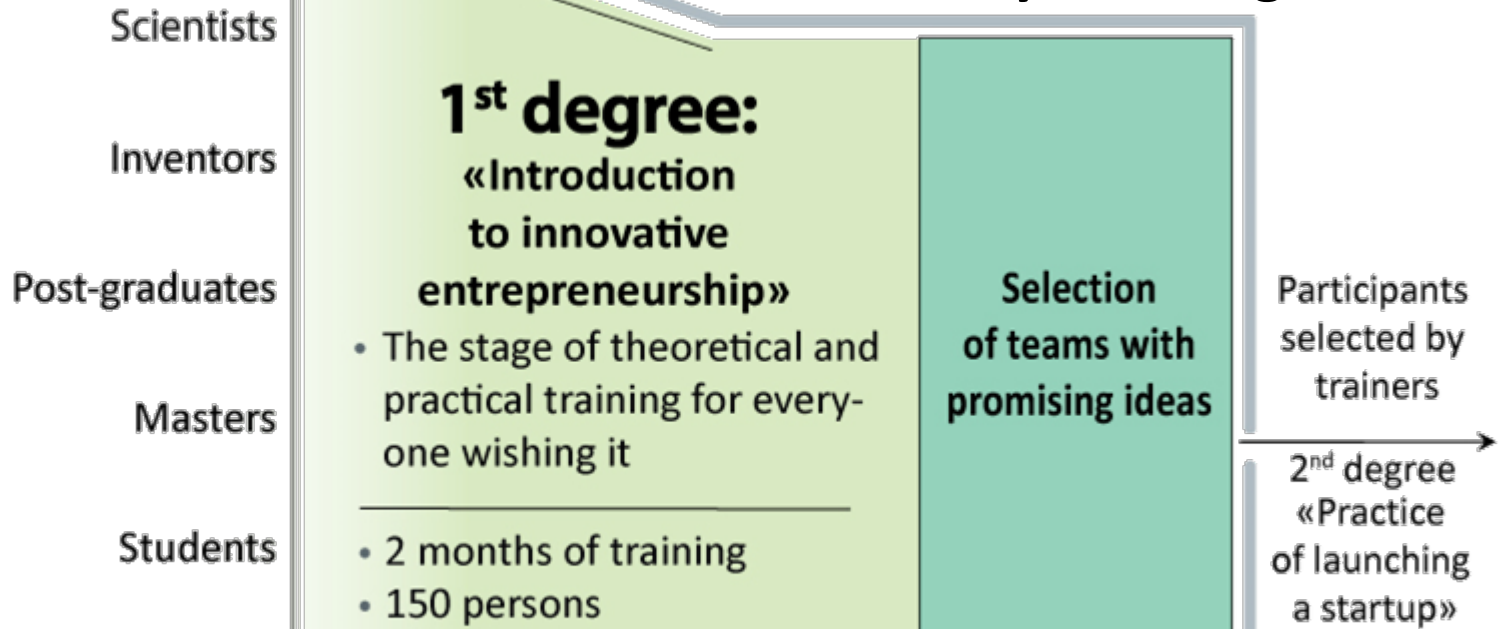


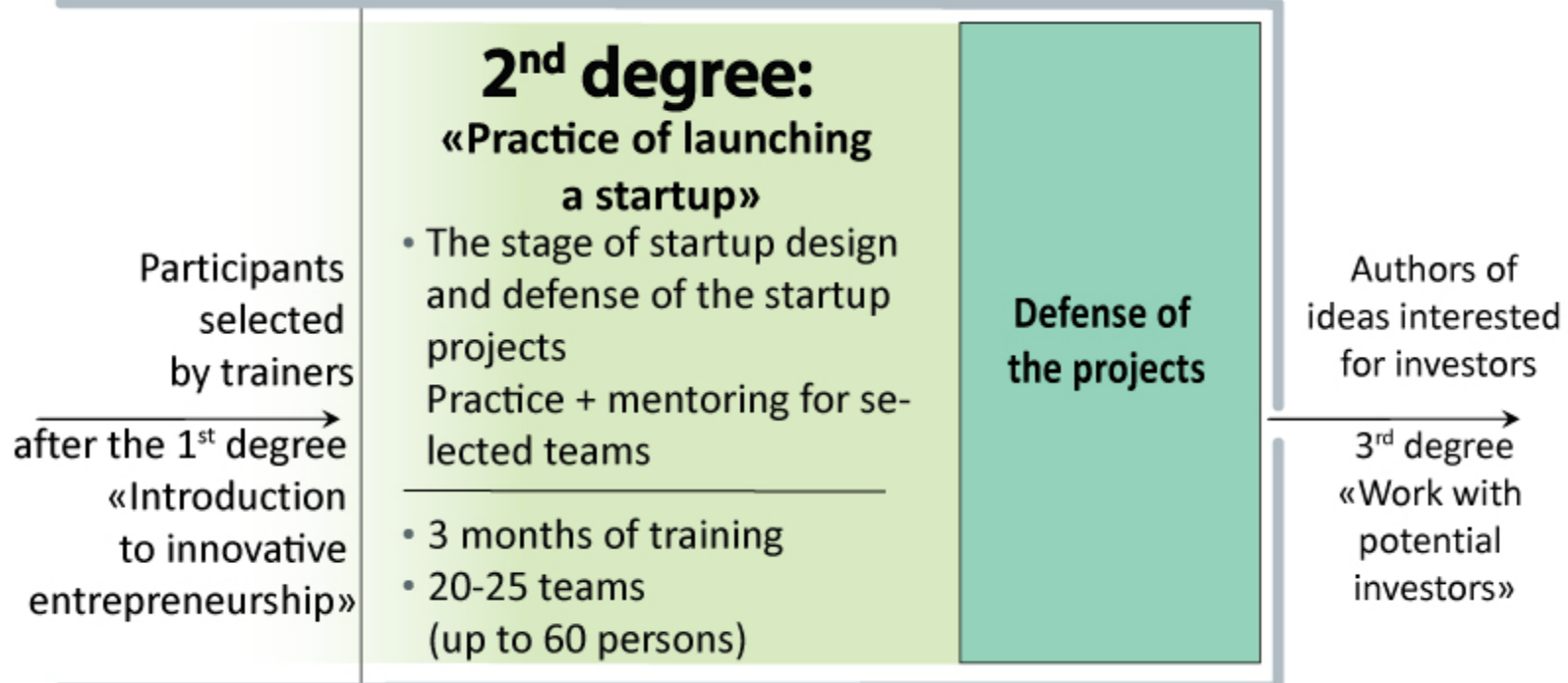
Business model of the Ecosystem “Sikorsky Challenge” suggests the development of two closely related directions

Social and educational - the development of an innovative environment and "injection" of business component in the education of engineers and scientists

Business - creation of a large number of start-up companies with a rising level of capitalization

How the Ecosystem “Sikorsky Challenge” works





3rd degree:

«Work with potential investors»

- Work + mentoring + preparation to the Competition «Sikorsky Challenge»

Competition
«Sikorsky Challenge»

Authors of ideas interested for investors
→
after the 2nd degree «Practice of launching a startup»

- 3 months of training
- 10-15 projects (up to 30 persons)





Other activities of the Startup School

- Creation of a network of startup schools on the basis of the **Sikorsky Challenge** model:
 - Training of trainers from partner universities
 - Training of startup school managers
- Custom-made brainstorming for solving technological and business problems of operating companies
- Development of prototypes in the laboratory of 3D-modeling



Other activities of the Startup School

- Pitch sessions (monthly): 5-7 pitches for all interested investors
- Consulting on technology transfer for scientists
- Trainings for finalists of the Startup Competition “**Sikorsky Challenge**”
- Organization of the Startup Competition “**Sikorsky Challenge**”

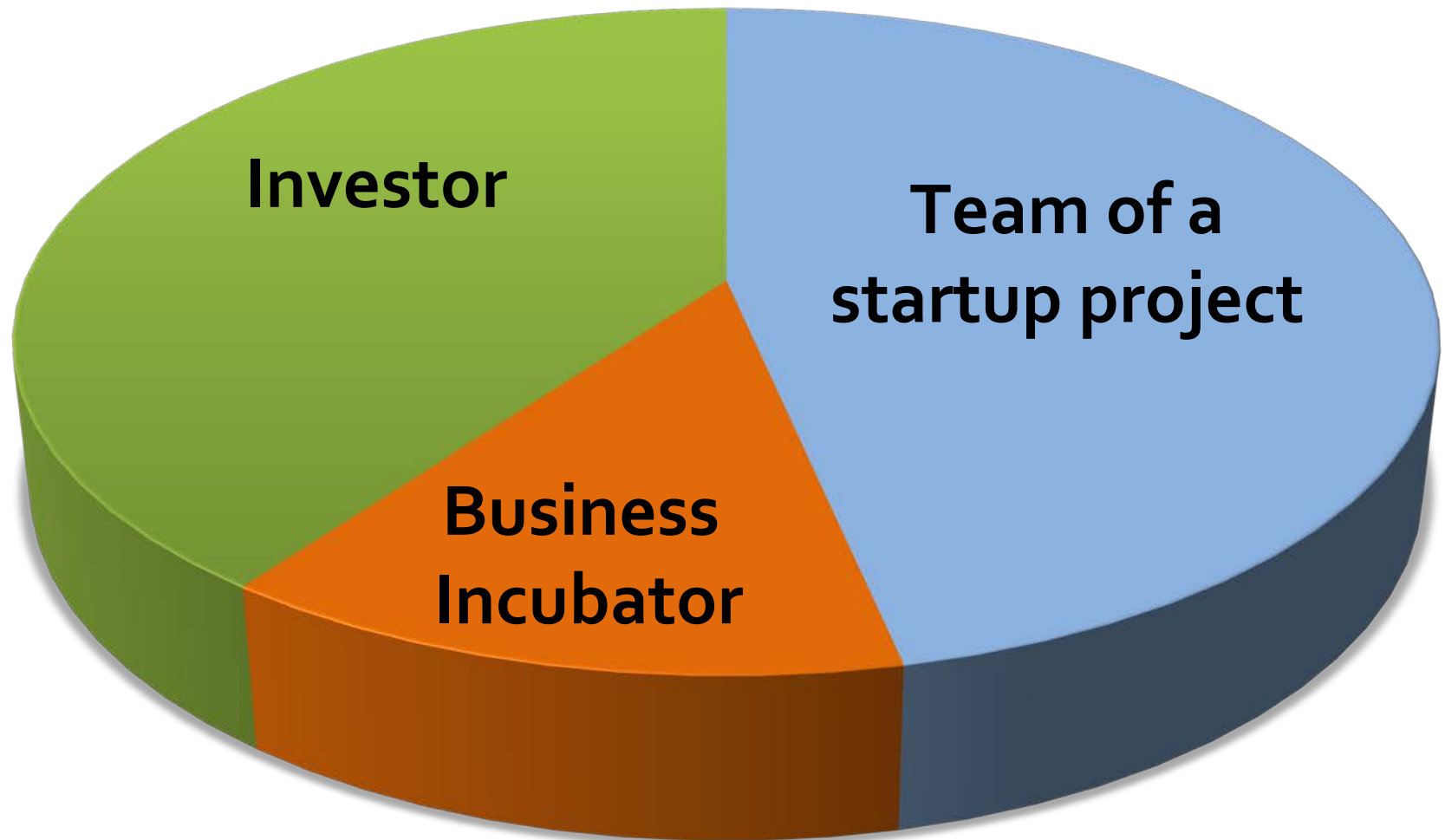
Startup Competition “Sikorsky Challenge” – a part of the annual International Festival of Innovative Projects “Sikorsky Challenge”:

Three-stage preparation during a year + final in October

Mini-competitions in certain areas (for example, IT, energy, aerospace) during a year



Opening of startup companies



Business Incubator “Sikorsky Challenge”

- participates in the negotiations and registration of startup companies
- provides legal, organizational, accounting support for these companies
- provides assistance in the protection of intellectual property rights



Our team – 25 + the whole KPI

Executives



Michael Zgurovsky,
Rector of NTUU “Igor Sikorsky KPI”,
Academician of the National Academy of
Sciences of Ukraine



Inna Maliukova,
Director of the Institute for Continuing
Education and Training at NTUU “Igor Sikorsky
KPI”



Igor Peer,
Founder, Director of the company
“Be Next IT”, Israel



Volodymyr Gnat,

Director General of the Scientific Park “Kyivska Polytechnica”



Oleksii Strutsynskyi,

Director of the Business Incubator “Sikorsky Challenge”

Trainers



Igor Peer,

Leading trainer, co-author of the program, CEO of the Business Incubator “Be Next IT” (Israel)



Lesya Lyushenko ,

Certified Trainer by the International Project Manager Association “Certified Project Director IPMA Level A”



Pavlo Tsybulyov,

Certified Trainer of the European program “Inno Enterprise” “Development of Innovation”



Maryna Ivchenko,

Trainer on presentations. Certified specialist "Microsoft Office Specialist Microsoft PowerPoint 2010"

Trainers



Natalia Vainilovych,

Certified Trainer of the European Program “Trainer to Trainers YMCA Europe”



Valerii Pychko,

Expert on Internet- marketing



Oleksii Strutsynsky,

Director of the Business Incubator “Sikorsky Challenge”

Mentors of the Startup School “Sikorsky Challenge”



Volodymyr Gnat,
Director General of the Scientific Park “Kyivska
Polytechnica”



Valerii Korchevny,
manager of the Business Incubator «Sikorsky
Challenge»



Igor Peer,
Leading trainer, co-author of the program, CEO of the
Business Incubator “Be Next IT” (Israel)

Mentors of the Start-up School “Sikorsky Challenge”



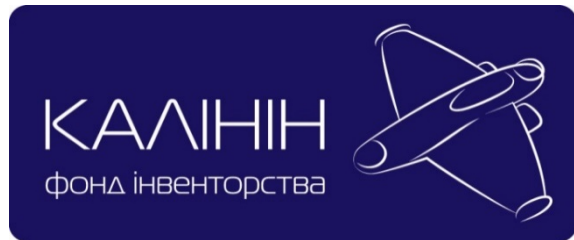
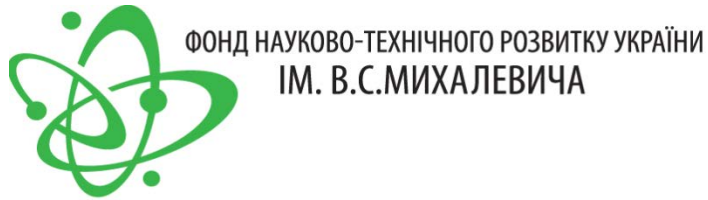
Igor Shoyfot,
Venture capitalist (USA)



Egor Shyshenok,
General Director of the consulting company “Company
Quality Guarantee”

Our partners

Funds and companies



Our partners



Be Next IT

Company "Be Next IT"
(Israel)



President Leonid Kuchma's fund
"Ukraine"



SFF
SMART FUSION FUND

Charitable foundation for
development of innovative
ecosystem
SMART FUSION FUND



Zakhar Dikhtiar

Our partners

Sponsor-investor



Venture Fund



NOOSPHERE
Technology Knowledge Humanity

Noosphere Ventures USA, Inc is an international asset management company.



Results of the activities of the Startup School for 3 years Business Incubator for 2 year



- Recognition of the brand "Sikorsky Challenge"

400
+
150

- Total number of students in the Startup School

46

- Number of projects interested for investors

Impact of the Startup School on the results of the Festival "Sikorsky Challenge"

Number of projects that obtained grants or investments in Startup Competitions

"Sikorsky Challenge"



8 projects of leavers of the Startup School "Sikorsky Challenge" became prize-winners of the Startup Competition

The Startup School "Sikorsky Challenge" was created



Since October 2016 we have
been creating the Network of
Startup Schools
based on
“Sikorsky Challenge” methods

The Network includes



Vinnytsia National Technical University



Sumy State University



Pryazovskyi State Technical University, Mariupol



National Mining University



Zaporizhzhya National Technical University



Poltava University of Economics and Trade



National Technical University "Kharkiv Polytechnic Institute"



National University of Food Technologies



National University of Life and Environmental Sciences of Ukraine

Thanks to... and in spite of... - we
create and maintain not only the
individual startup projects, but also
the innovative environment from
which the innovative country
will sprout

We believe!!!!



Thank you for your
attention!

Inna Maliukova