

SYGNIS

GROUP



Knowledge has layers™

Uncover.

SYGNIS GROUP

is a constellation of outstanding specialists

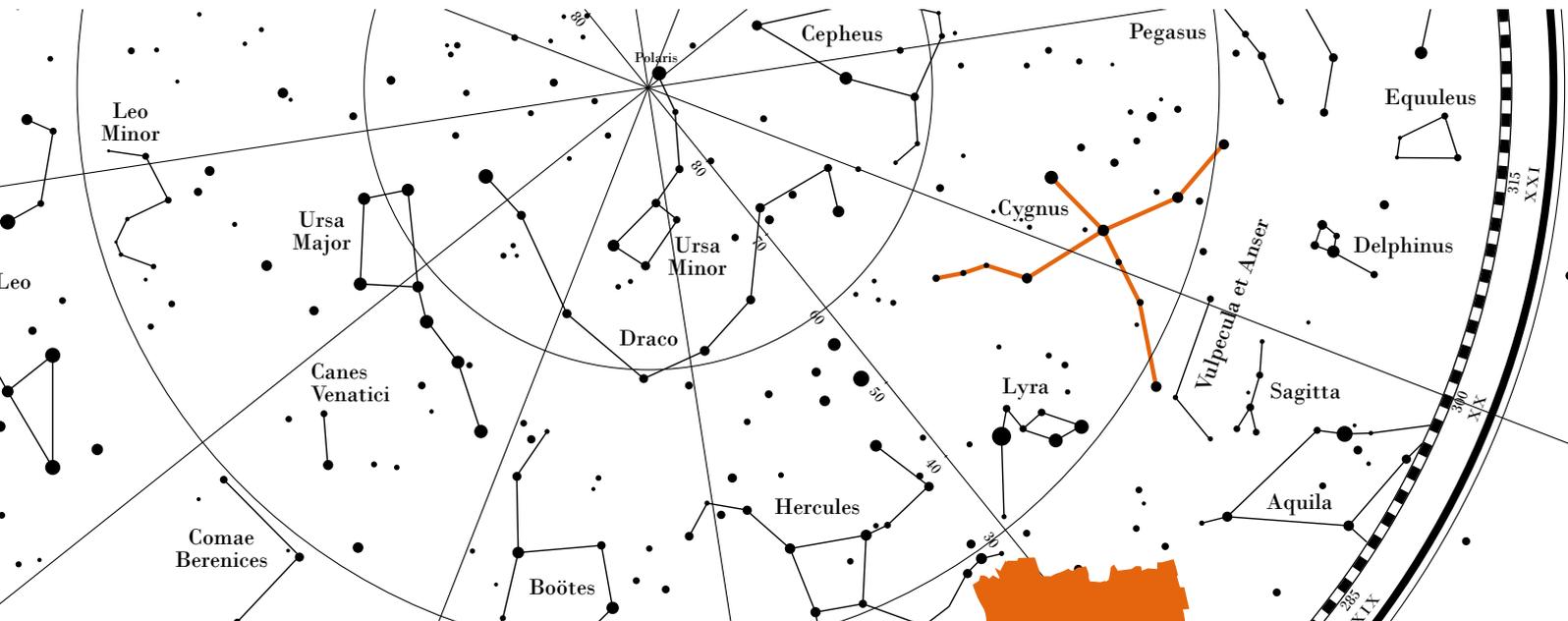
Sygnis Group is a **team of specialists** dealing with **technological consulting, research and development projects, 3D printing, biotechnology and implementation of short production series**. We bring together engineers, scientists, designers and Industry 4.0 experts.



Sygnis was founded in 2012 by a group of physicists from the University of Warsaw. Our appearance on the market firmament was illustrated with a logotype inspired by the Swan Constellation (Cygnus).

In seemingly independent trajectories that, when looked at from the right perspective, form an interdependent structure, we have encapsulated the idea behind the company. Cygnus is the mythological friend of Photon, son of Helios - which fits perfectly with our new technologies.

The motif of the Cygnus Constellation, which we use in various ways, contains the essence of what is left unspoken about Sygnis.



Where are we?

60 people
1700 m2 of space
70 3D printers (FDM, DLP, SLS)
Manufacturing/
Prototyping Workshop
3D bioprinting laboratory
Microscopy laboratory

SHOP/STUDIO

Solidarności Avenue 78

OFFICE

Grzybowska 78 Street

PROTOTYPING TERRACE

Cambridge Innovation Center

PRODUCTION, R&D, SERVICE

Żwirki i Wigury 101 Street

PRODUCTION

Straszyn near Pruszcz Gdański





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We are an R&D company

We want to effectively change the world with our inventions. We solve problems and create new solutions in the areas of new additive technologies, biotechnologies, power engineering and nanotechnologies. Thanks to our projects, breakthrough ideas in the field of energy storage, expanding access to nanotechnological solutions, as well as pioneering methods of saving life are created.

We use our knowledge and technologies to create the better future for all

We, the people behind Sygnis, are physicists, mechatronic technicians, chemists, biotechnologists, engineers, 3D printing specialists, designers, sociologists, artists, lathe-operators, electrical engineers. Interdisciplinarity and intellectual hyperactivity lead us towards new fields of knowledge and technology that we try to discover every day.

In Sygnis we say „do it fast or not at all“.



About us

We established the Sygnis Group in 2012 as a trading company. 2017 was a turning point for us, because then we started conducting our own research in the area of new technologies. With strong commercial roots ensuring our company's financial stability, we have built the largest department of the company - research and development. Our dynamic development results from a system of prototyping processes that is unique in Europe, both in terms of human resources and technological solutions. We are doubling in resources and income every year, and even fourfold between 2020 and 2021. Our ambitions go even further – we want to become the largest hardware innovation company in Europe.

Over 60 employees. 5 locations in Poland. Hundreds of successful implementations and thousands of hours of conducted trainings.



We use our knowledge, experience and resources to create a positive change in the world in four main areas:

Power Engineering

We are working on new methods of energy storage, which are a necessity in the time of the global climate crisis, which requires an increase in the percentage of renewable sources of energy use.

Nanotechnology

We focus on activities aimed at increasing the presence of nanotechnological achievements in everyday life.

Bioconvergence

We want to create a world where we will never run out of organs for transplantation, and that no animals will have to die in the name of science. Let's bioprint organs and create bionic models for drug testing.

New additive technologies

We create cutting-edge solutions that elevate 3D printing to a completely new level of technological development. We put successive layers enabling scientific achievements on a global scale.

We combine technology, business and science. We are users, dealers and researchers.

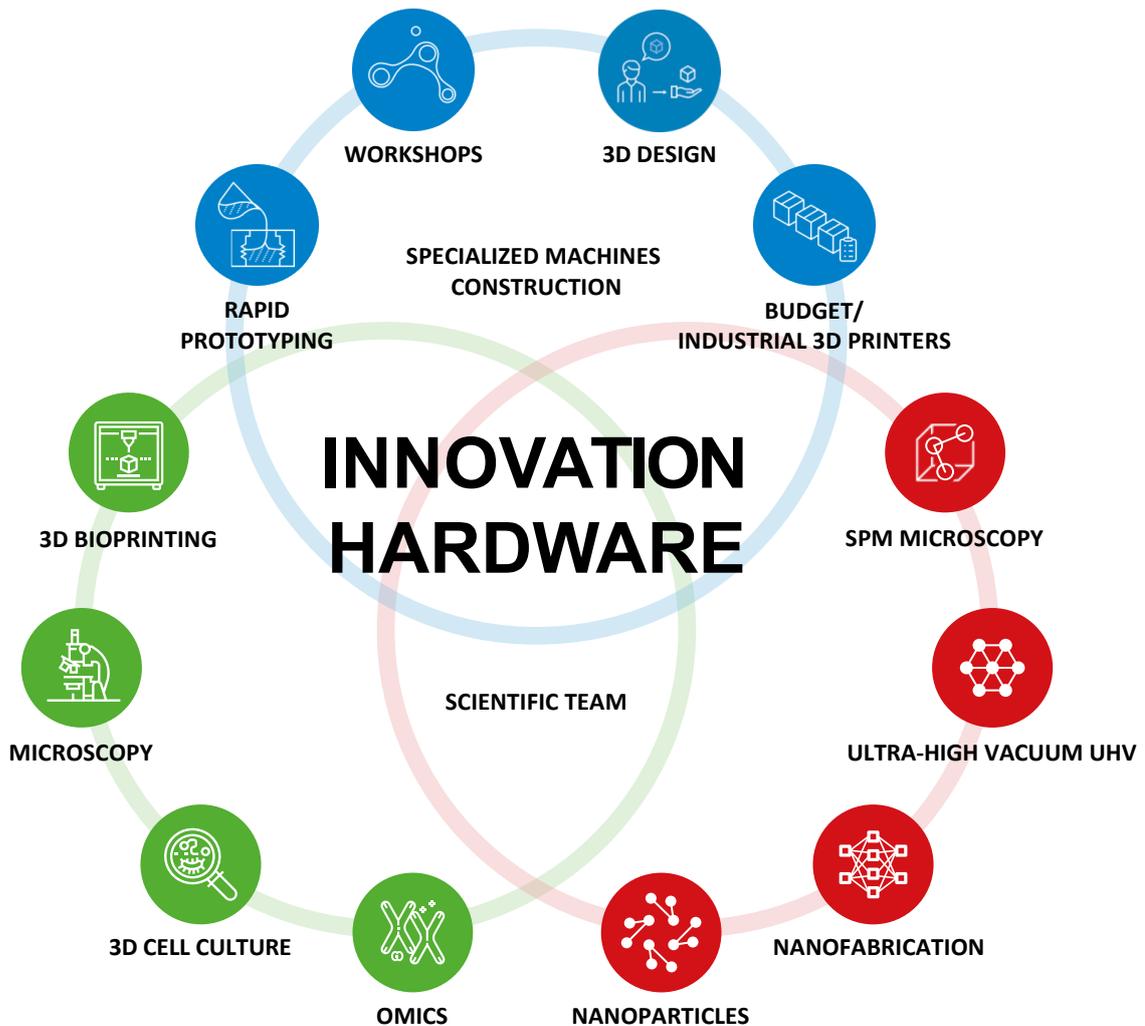
In addition to our own R&D department, we are also a distributor of many pioneering solutions created by our partners. We import them from all over the world in order to achieve new levels of knowledge and thus be able to develop proprietary, one-of-a-kind machines enabling production and research in previously unattainable areas.



The Sygnis Group consists of three main brands:



The longest operating brand from the Sygnis Group. **The research and development team deals with the construction of proprietary machines operating in the field of additive technologies on a daily basis.** An experienced team of 3D printing specialists has an extensive prototyping center, where it performs rapid prototyping services, advanced projects using hybrid technologies and tests new materials.



Existing since 2019, this Sygnis Group brand **specializes in supplying scientific equipment to the Polish market, with particular emphasis on high-resolution live-cell imaging and tissue engineering.** Our portfolio combines many techniques, such as: 3D bioprinting, biopatterning, 3D holotomography and super resolution microscopy. Sygnis Bio Technologies is a distributor of BICO Group, a world 3D bioprinting leader.



The youngest brand in the Sygnis Group. **It provides modern additive and analytical techniques in the areas of micro- and nanotechnology.** The Sygnis Nano Technologies portfolio includes devices from companies such as: SPECS Surface Nano Analysis GmbH, Femtika, NT-MDT, LS Instruments, Sensofar Group.

Sygnis is a constellation

Although we started with 3D printing, today we create in over 30 different technologies.

We are an assemblage of outstanding individualities: valued engineers, designers and scientists, but at the same time we form a well-coordinated and dynamic team. Regardless of where we come from, each of us is an expert in their field. We are growing in strength by sharing knowledge. We love to create everyday objects, technological solutions, projects as well as graphics, films and hermetic jokes. We share a passion for Sci-Fi series and books – a remnant of teenage fascinations with the universe. Then we understood that the future is ductile and we can shape it.

We haven't said our last word yet



The right infrastructure base is essential to create hardware innovations. Diverse and well-equipped machinery facilities enable us to act quickly. That's why we can outdo other research groups on the way to achieving the final research goal.



Would you like to cooperate with us?

Let's get in touch!

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www.sygnis.pl

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