

20th International Conference Materials, Methods & Technologies
26-30 June 2018 Elenite, Bulgaria

Authors: Jacek Wawrzynowicz, Piotr Sajna, Anna Domasłowska, Ewa Matuszak,
Izabela Pietrzak-Abucewicz, Robert Fabiański

Good practices in technology transfer on example of Poznan University of Life Sciences

BIOTECHNOLOGY

Probiotic strain *Carnobacterium divergens* S1

Carnobacterium are closely related to *Lactobacillus*, and similarly, they are able to produce lactic acid which lowers intestine pH and, in consequence, inhibit the growth of many micro-organisms, among others, the pathogens.

The *Carnobacterium divergens* S1 strain was included in the composition of a modern probiotic preparation for poultry LAVIPAN®.

Benefits of application of LAVIPAN® preparation:

- proper intestinal microflora
- quicker recovery time after antibiotic treatment
- reduction of the number of diarrhoeas
- significant improvement of body mass increase
- better use of feed

Form of technology transfer: a non-exclusive licence

Protection form: patent no. PL.224877

Date of agreement conclusion: 27.06.2014

Implementation:

JHJ Sp. z o.o.
www.jhj.pl



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FUNCTIONAL FOOD

Technology of production of pâté with bioactive elements for diabetics

The technology was developed as an element of a diet for consumers suffering from diabetes. As a main active ingredient, mulberry leaves or an extract obtained were proposed. A potentially positive influence of the technology developed on a consumer's health was confirmed in trials on patients conducted as part of the "Bioactive Food" project. It constitutes, in particular, a diet supplement for consumers, however, it may also be an element of dietotherapy based only on specially developed formulas.

Form of technology transfer: a non-exclusive licence

Protection form: know-how

Date of agreement conclusion: 07.12.2015



Implementation:
Restaurant Concordia
„PRO DESIGN” Sp. z o.o. Sp. k.
www.pro-design.com.pl

Trade name:
Pâté with a dried leaf
of white mulberry

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ACCOUNTING TOOLS

CASH FLOW SYSTEM

Software serves for preparing cash flow statement by any entity keeping accounting books (including accountancy offices) in Poland in full scope (excluding financial institutions such as banks, insurance companies, brokerage house, investment funds). It guides a user step by step through the process of preparation of a cash flow statement, up to generation of a report that clearly specifies components included in particular items of a cash flow statement. As a consequence, it enables delivery of additional information to stakeholders, for the preparation of a cash flow statement using both a direct and indirect method.

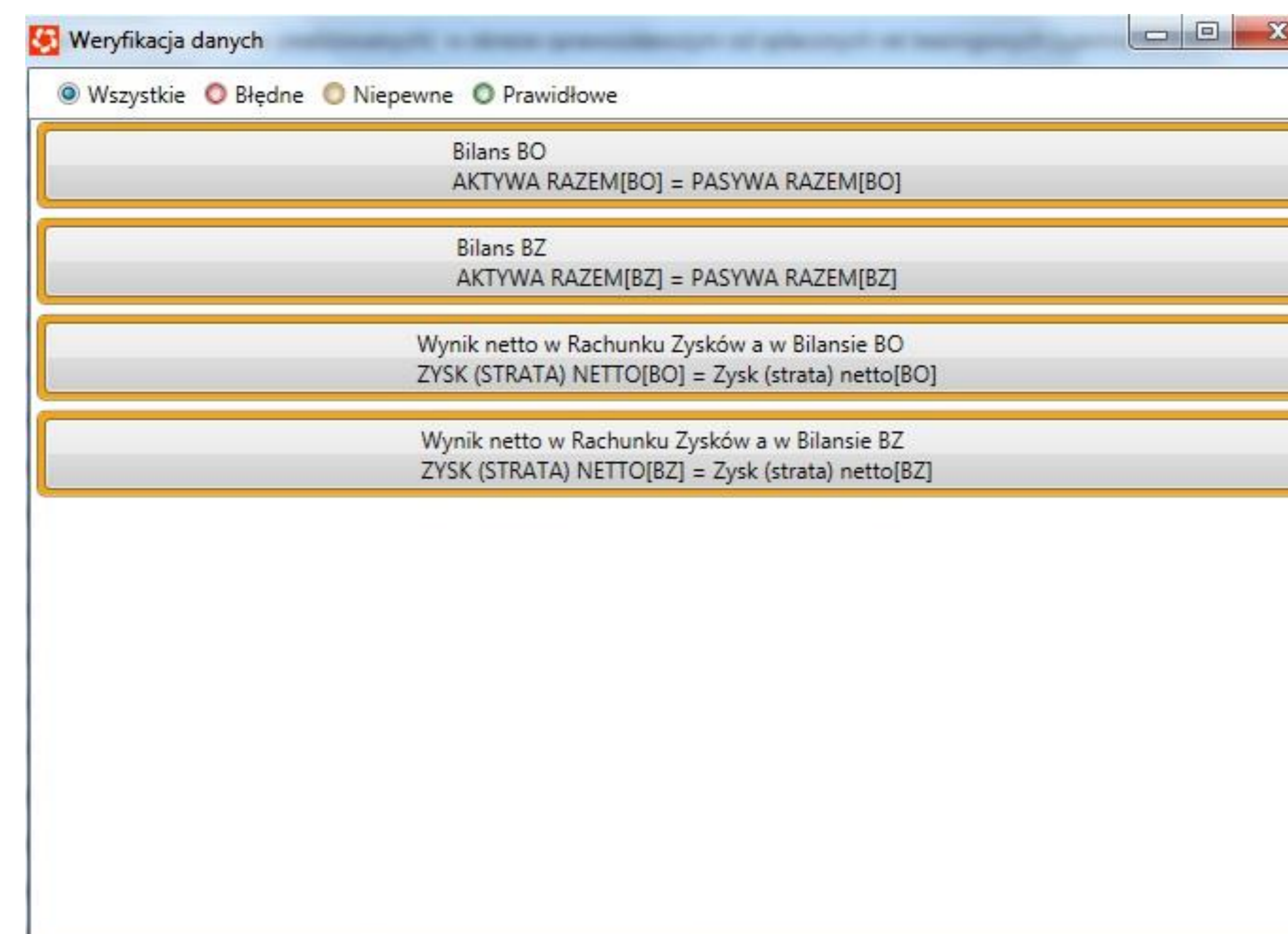
Form of technology transfer: exclusive licence

Protection form: copyright

Date of agreement conclusion: 14.11.2013

Implementation:
App Trend Sp. z o.o.
www.cf-system.pl

So far App Trend Sp. z o.o. company
has granted 220 sublicences to target
users

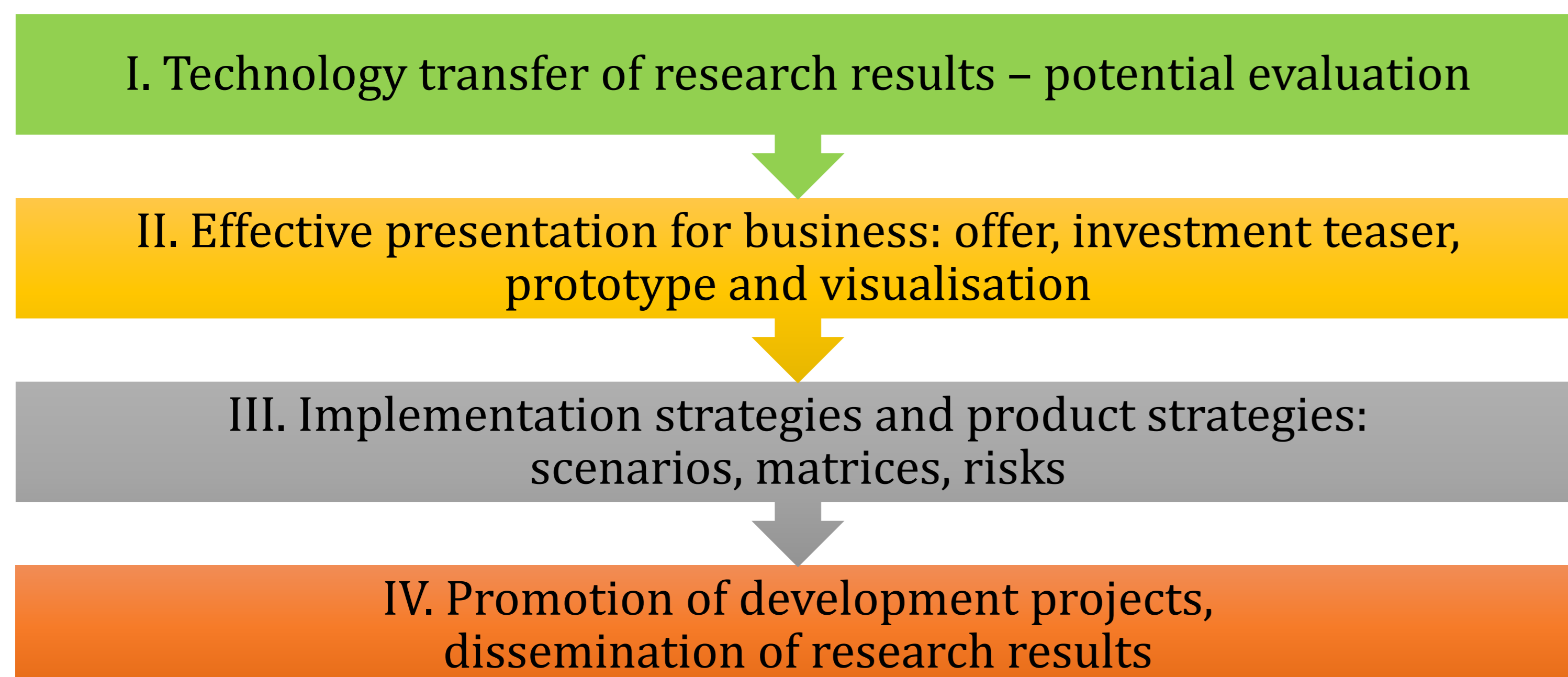


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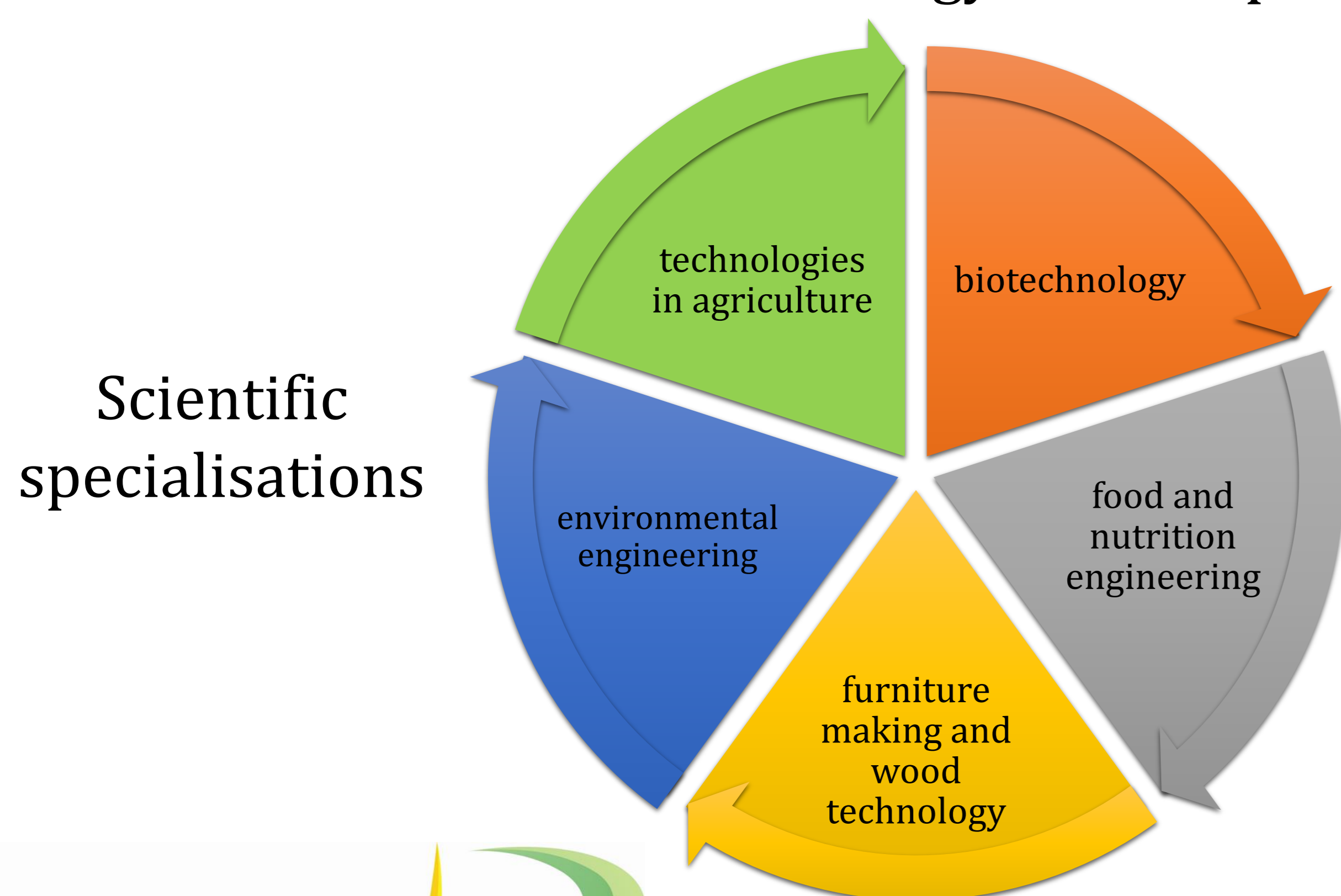
Authors: Zbigniew Krzewiński, Jacek Wawrzynowicz, Ewa Matuszak,
Izabela Pietrzak-Abucewicz, Piotr Sajna, Anna Domasłowska

Coaching workshop sessions

Thematic modules



The purpose of a task: *Building relations – coaching sessions in the science-business dialogue* realised as part of the *InnCOM_PULS* project was practical preparation of students, doctoral students, researchers, workers from technology transfer centres and entrepreneurs for efficient execution of a technology transfer process.

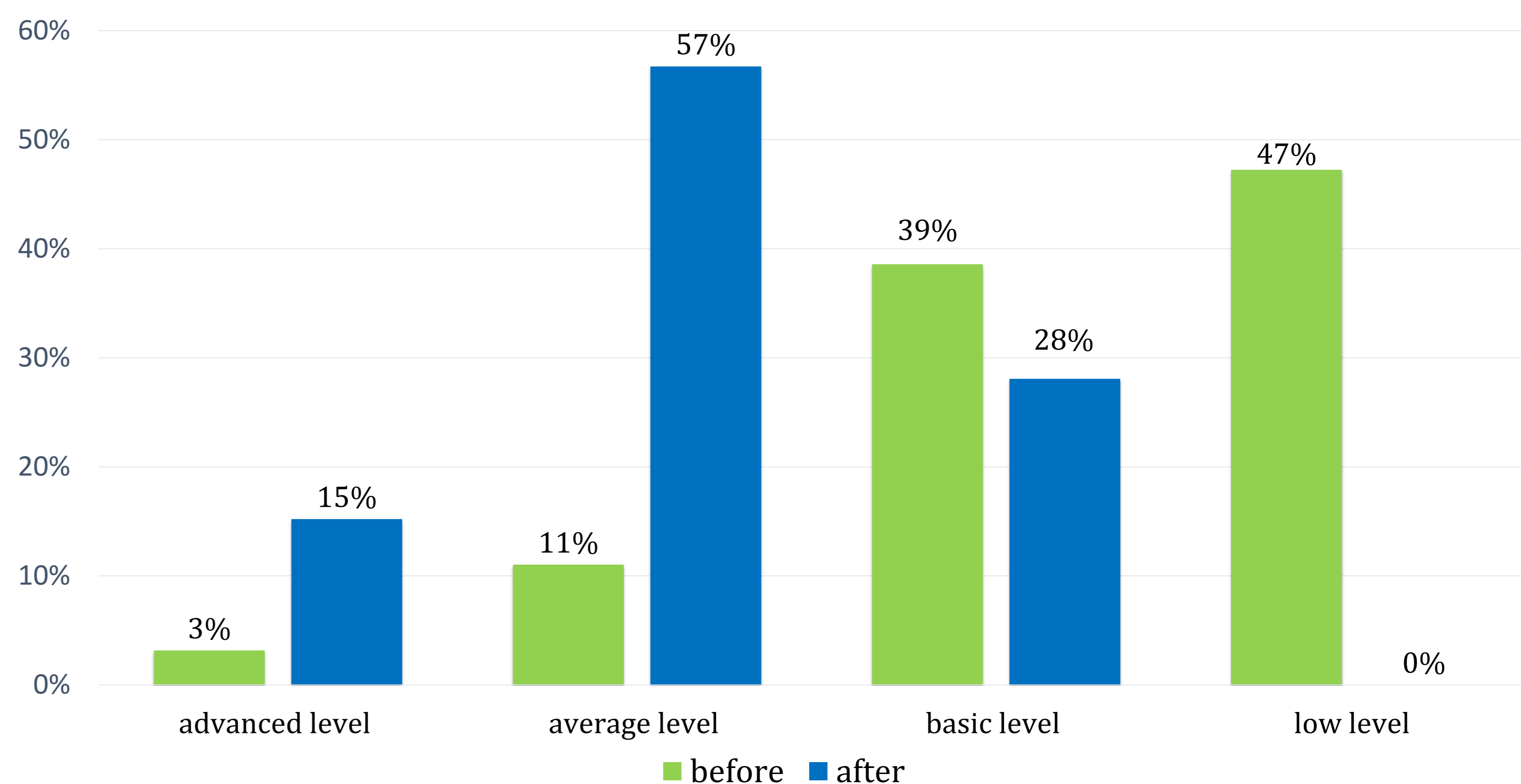


Project *InnCOM_PULS* – *optimising instruments for processes of commercialization, innovation creation, improvement of dialogue and increase of effectiveness of cooperation between science and economy* as part of the DIALOG program of the Minister of Science and Higher Education
Poznan University of Life Sciences Centre for Innovation and Technology Transfer, Poland
e-mail: ciitt@up.poznan.pl

Improvement of efficiency of a dialogue and communication between the academic and business environment through education and enhancement of competence in the scope of:

- issues and procedures of technology transfer
- skills in planning and identifying technology readiness levels – TRL
- creating innovative projects, designing and prototyping technological solutions
- communication with an entrepreneur in the scope of presentation of a technological offer
- communication and negotiation with representatives of venture capital funds in the scope of principles of investing
- legal aspects in the higher education school–entrepreneur relations

Evaluation of knowledge related to commercialization before and after a coaching session

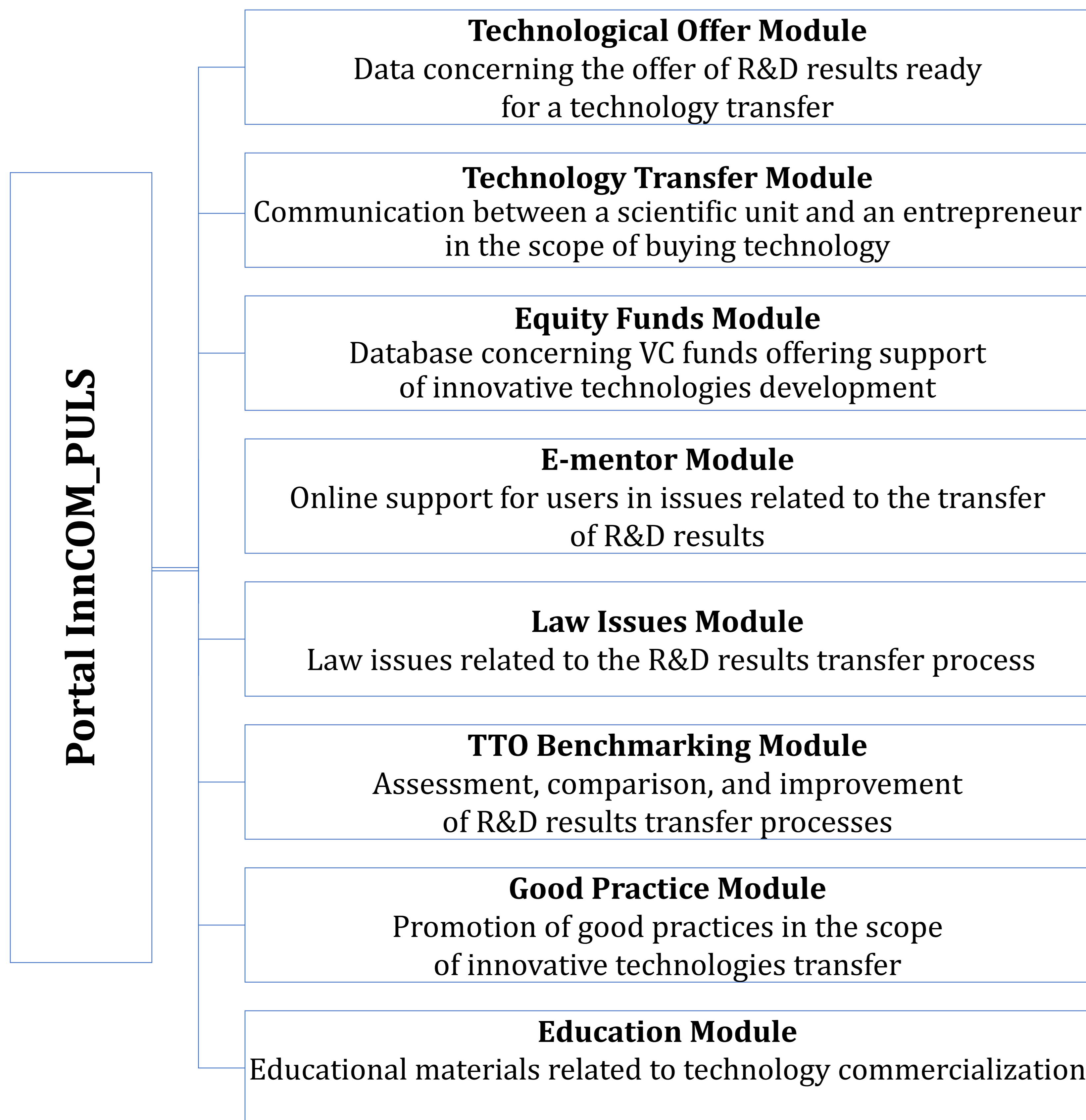


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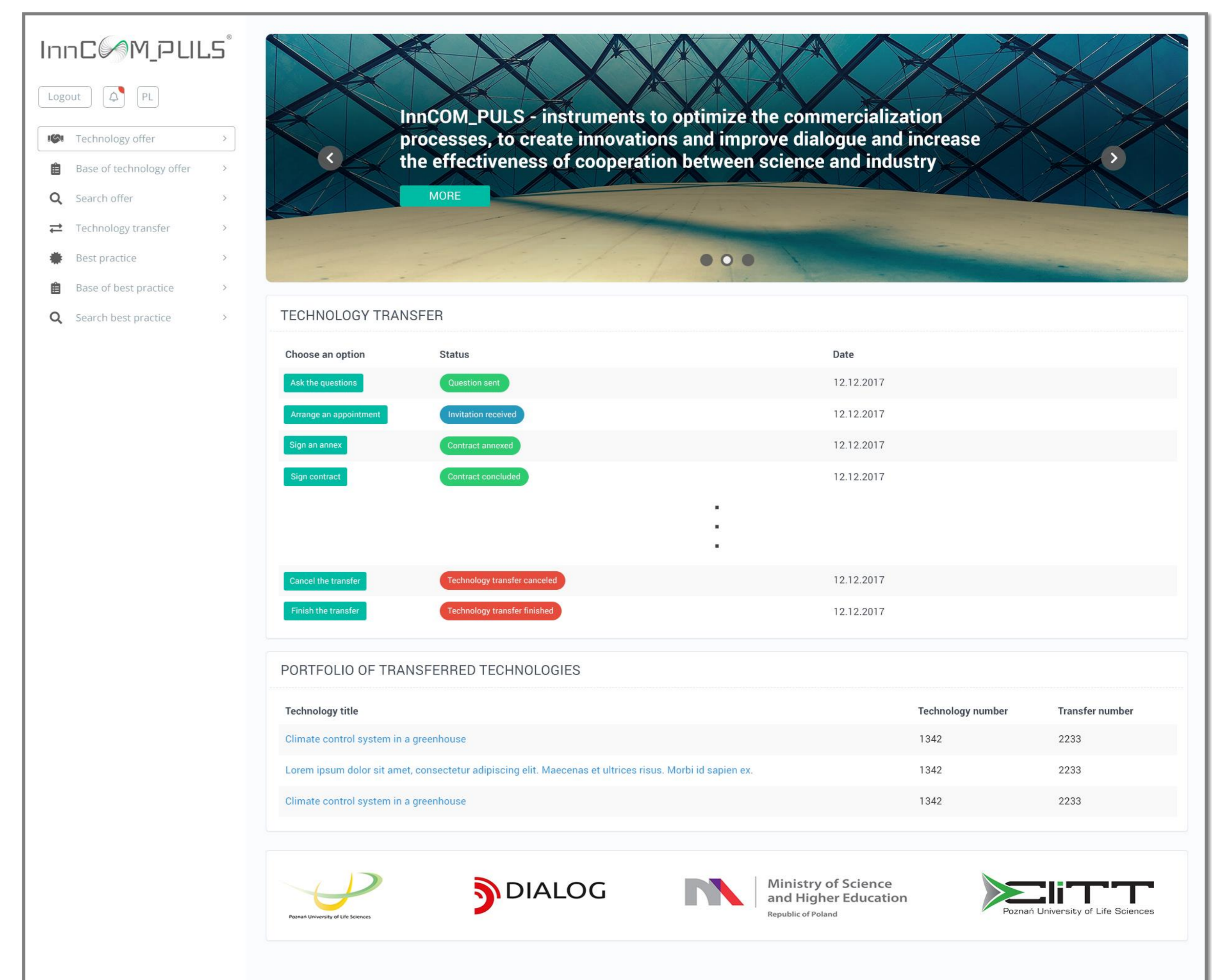
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InnCOM_PULS Portal

Model of open innovations, transactions, promotions and experience sharing in the scope of technology transfer processes, scientific research results and development work



InnCOM_PULS virtual portal will enable offering innovative technologies through universities in Poland and worldwide, and their purchase by interested entrepreneurs.



The screenshot shows the InnCOM_PULS portal interface. At the top, there is a navigation menu with options like 'Logout', 'PL', 'Technology offer', 'Base of technology offer', 'Search offer', 'Technology transfer', 'Best practice', 'Base of best practice', and 'Search best practice'. The main content area features a banner with the text: 'InnCOM_PULS - instruments to optimize the commercialization processes, to create innovations and improve dialogue and increase the effectiveness of cooperation between science and industry'. Below the banner, there is a 'TECHNOLOGY TRANSFER' section with a table showing the status of various transfer processes. The table has columns for 'Choose an option', 'Status', and 'Date'. The data rows are as follows:

Choose an option	Status	Date
Ask the questions	Question sent	12.12.2017
Arrange an appointment	Invitation received	12.12.2017
Sign an annex	Contract annexed	12.12.2017
Sign contract	Contract concluded	12.12.2017
Cancel the transfer	Technology transfer canceled	12.12.2017
Finish the transfer	Technology transfer finished	12.12.2017

Below the table, there is a 'PORTFOLIO OF TRANSFERRED TECHNOLOGIES' section with a table showing technology titles, numbers, and transfer numbers:

Technology title	Technology number	Transfer number
Climate control system in a greenhouse	1342	2233
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas et ultrices risus. Morbi id sapien ex.	1342	2233
Climate control system in a greenhouse	1342	2233

At the bottom of the page, there are logos for Poznań University of Life Sciences, DIALOG, Ministry of Science and Higher Education, and CIITT.

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IP_PULS – an IT tool for operational management of intellectual property rights and technology transfer at universities by technology transfer centres in Poland



The software will be used for recording, archiving, analyzing and reporting operational data regarding the management of intellectual property rights and the processes of commercialization and implementation of research results and development works in Polish technology transfer centers.

Software functionalities:

- records of R&D results (technologies)
- records and monitoring of projects
- records of intellectual property rights (patents)
- records of agreements (e.g. licence agreements)
- records of costs and revenues from technology transfer
- records of transfer process customers
- generating statistics and reports



IP_PULS List of cases							
<ul style="list-style-type: none"> List for approval List of dates List of cases Notes Contacts Correspondence Project monitoring Product/technology module Intellectual property protection module Division of rights Legislative module Cost module Revenue module Budget of the technology transfer center Statistics Reporting module Administrator panel 	Search <input type="text" value="Nowakowski"/> <input type="button" value="SEARCH"/> <input type="button" value="ADD"/>						
Edition	ID	Title	Status of the case	Status by type	Status by protection	Date of entry	Approval status
	1.1.1	Trichoderma	PS			2017-11-11	Approved
	1.1.2	Prototyp ABCX	PT				For approval
		Trichoderma MZNY	PT				
		Trichoderma MZN	PT				

EXPORT TO XLS IMPORT EVERYTHING FROM XLS

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