

ITUEVENT

Accelerating Digital Transformation

*Building Vibrant ICT Centric
Innovation Ecosystems*

Monday 19 March 2018
Room C1, ITU, Geneva

More information at innovation.itu.int



ITU REGIONAL INITIATIVE FOR EUROPE ON ICT-CENTRIC INNOVATION ECOSYSTEMS

SESSION 2

GOOD PRACTICES FOR ACCELERATING DIGITAL TRANSFORMATION

Damian Derlukiewicz, Phd MEng

Deputy Director of The Centre
for Scientific and Technical Information
Specialist of Commercialization

**How to create system solutions which facilitate
academic knowledge to business and administration**
Wrocław University of Science and Technology

How to create system solutions which facilitate transfer of academic knowledge to business and administration

GOOD PRACTICES FOR ACCELERATING DIGITAL TRANSFORMATION

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ARCHITECTURE AND URBAN PLANNING
AUTOMATICS AND ROBOTICS
BIOCYBERNETICS AND BIOMEDICAL ENGINEERING
BIOLOGY
BIOPHYSICS
CHEMICAL ENGINEERING
CHEMICAL TECHNOLOGY
CHEMISTRY
CIVIL ENGINEERING
COMPUTER SCIENCE
ELECTRICAL ENGINEERING
ELECTRONICS
ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL PRESERVATION
FINANCE
MACHINE CONSTRUCTION AND OPERATION
MANAGEMENT
MATERIALS ENGINEERING
MATHEMATICS
MECHANICS
MINING AND GEOLOGICAL ENGINEERING
PHYSICS
POWER ENGINEERING
PRODUCTION ENGINEERING
PSYCHOLOGY
TELECOMMUNICATIONS



Wrocław University of Science and Technology



How to create system solutions which facilitate transfer of academic knowledge to business and administration

Damian Derlukiewicz Phd MEng
Vice-Director of Centre of Knowledge and Scientific and Technical Information
Specialist of Commercialisation and Technology Transfer



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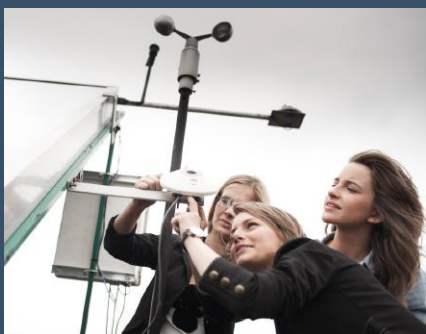
INNOVATIONS – THE STRATEGY FOR THE SUCCESS – UNIVERSITY MISSION



CREATIVITY that changes the trajectories of the future



PROFESSIONALISM AND HARD SKILLS that condition the functioning of the technosphere



PARTNERSHIP - cooperation with the environment and external partners that facilitates the achievement of goals

How to create system solutions which facilitate transfer of academic knowledge to business and administration

GOOD PRACTICES FOR ACCELERATING DIGITAL TRANSFORMATION

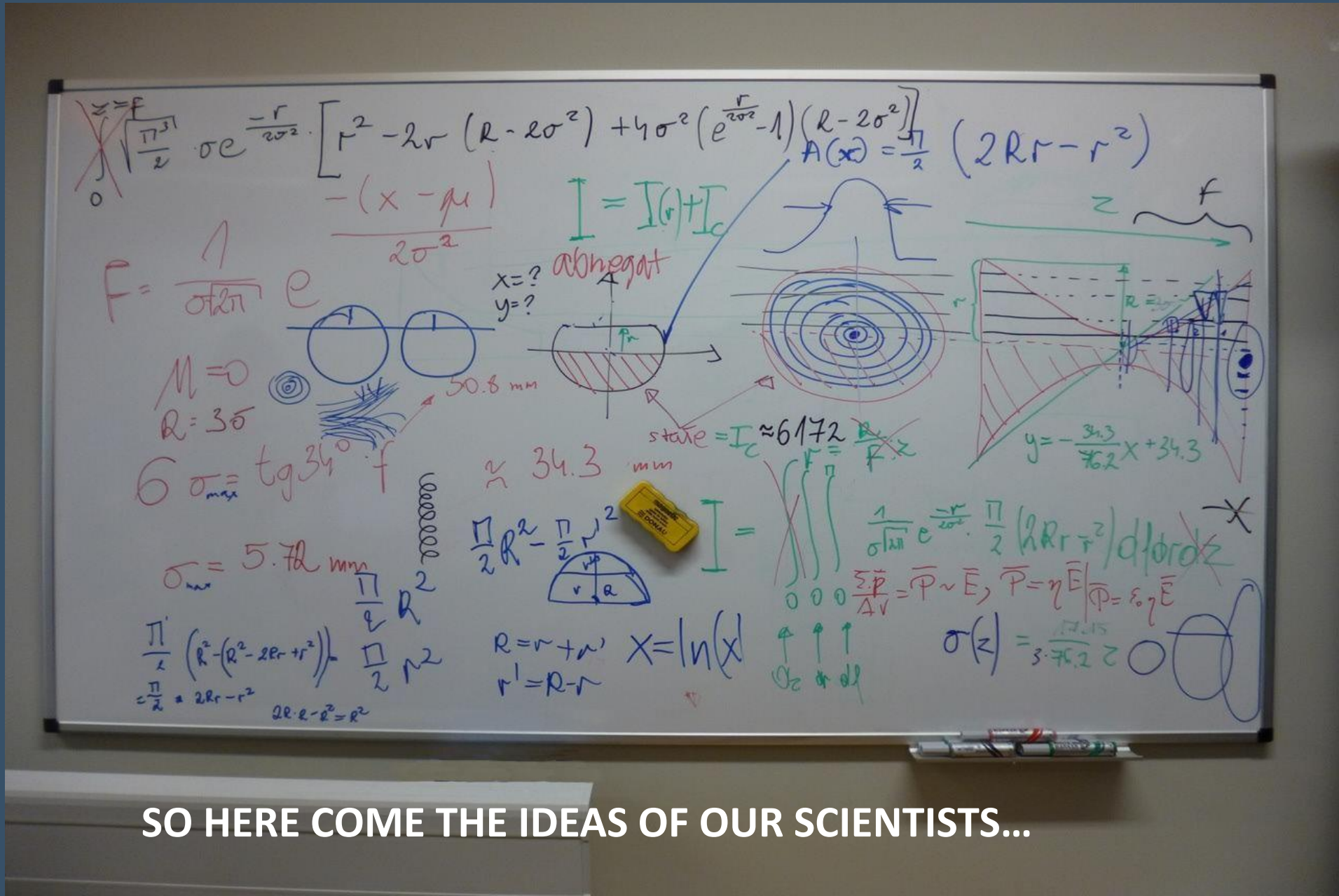
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SO HERE COME THE IDEAS OF OUR SCIENTISTS...

...THAT TRANSFORM INTO NEW SOLUTION AND PRODUCT

How to create system solutions which facilitate transfer of academic knowledge to business and administration

GOOD PRACTICES FOR ACCELERATING DIGITAL TRANSFORMATION



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HOW DOES IT WORK? - COOPERATION SCHEME



Company / External organisation



CENTER FOR SCIENCE AND ECONOMY COOPERATION



UNIVERSITY RESEARCH UNITS

INQUIRY

WE SELECT THE RIGHT RESEARCH TEAM

Answer to the inquiry

We complete formalities on behalf of entrepreneurs and scientists.

Formal and legal service also in the area of protection of intellectual property and patent protection.

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TECHNOLOGIES



RESEARCH



COMPANY DEVELOPMENT

INNOVATIONS



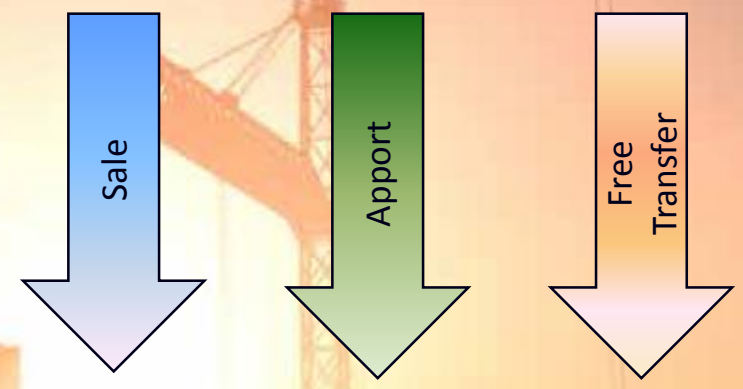
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Technology Transfer

Results of research and development work, created at the University

HOW



WHAT

- Licenses (exclusive/non-exclusive)
- Intellectual property rights for technology (rights to know-how, patents, trademarks, etc.)
- Ready solutions (equipment, apparatus, machinery)

How to create system solutions which facilitate transfer of academic knowledge to business and administration

ORGANISED BUSINESS WITH SCIENCE MEETINGS



AT 16 FACULTIES MORE THAN 400 RESEARCH and TECHNOLOGIES

GOOD PRACTICES FOR ACCELERATING DIGITAL TRANSFORMATION

INNOVATION BROKERS



EXPERTISES



TRAININGS AND WORKSHOPS

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UNIVERSITY UNITS SUPPORTING THE TRANSFER

CENTRE OF SCIENTIFIC AND TECHNICAL INFORMATION
CENTRE FOR SCIENCE AND ECONOMY COOPERATION



CAREER OFFICE

ACADEMIC ENTREPRENEURSHIP INCUBATOR



THE UNIVERSITY CONGRESS CENTRE

WROCLAW CENTRE FOR TECHNOLOGY TRANSFER



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CENTRE OF SCIENTIFIC AND TECHNICAL INFORMATION

Center for Science and Economy Cooperation

Contact Point for Technology Transfer

Research Laboratories

Library –
Repository of
Knowledge



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Centre for Cooperation between Science and Economy

- ◆ Consultancy in the area of selection of the right research team, laboratory or specialist for cooperation
- ◆ Comprehensive formality and legal services (we make sure - on entrepreneurs' behalf - that all formalities have been gone through)
- ◆ Professional technology transfer system, including identification of research projects with considerable potential for Entrepreneurs
- ◆ Proceeding on legal protection of intellectual rights

Connecting business & science

How to create system solutions which facilitate transfer of academic knowledge to business and administration

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MEETINGS WITH EMPLOYERS

MONITORING CAREERS OF GRADUATES



TRAINING AND WORKSHOPS

CAREER OFFICE



INDIVIDUAL CAREER PLANNING



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Academic Entrepreneurship Incubator Wroclaw University of Technology

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TRANSFER OF RESEARCH RESULTS TO THE ECONOMY

PROMOTING AND SUPPORTING THE ENTERPRISE

FULL ASSISTANCE IN ESTABLISHING THEIR MICRO-BUSINESSES

INCUBATION

EFFECTIVE USE OF THE INTELLECTUAL AND TECHNOLOGICAL POTENTIAL OF WUST

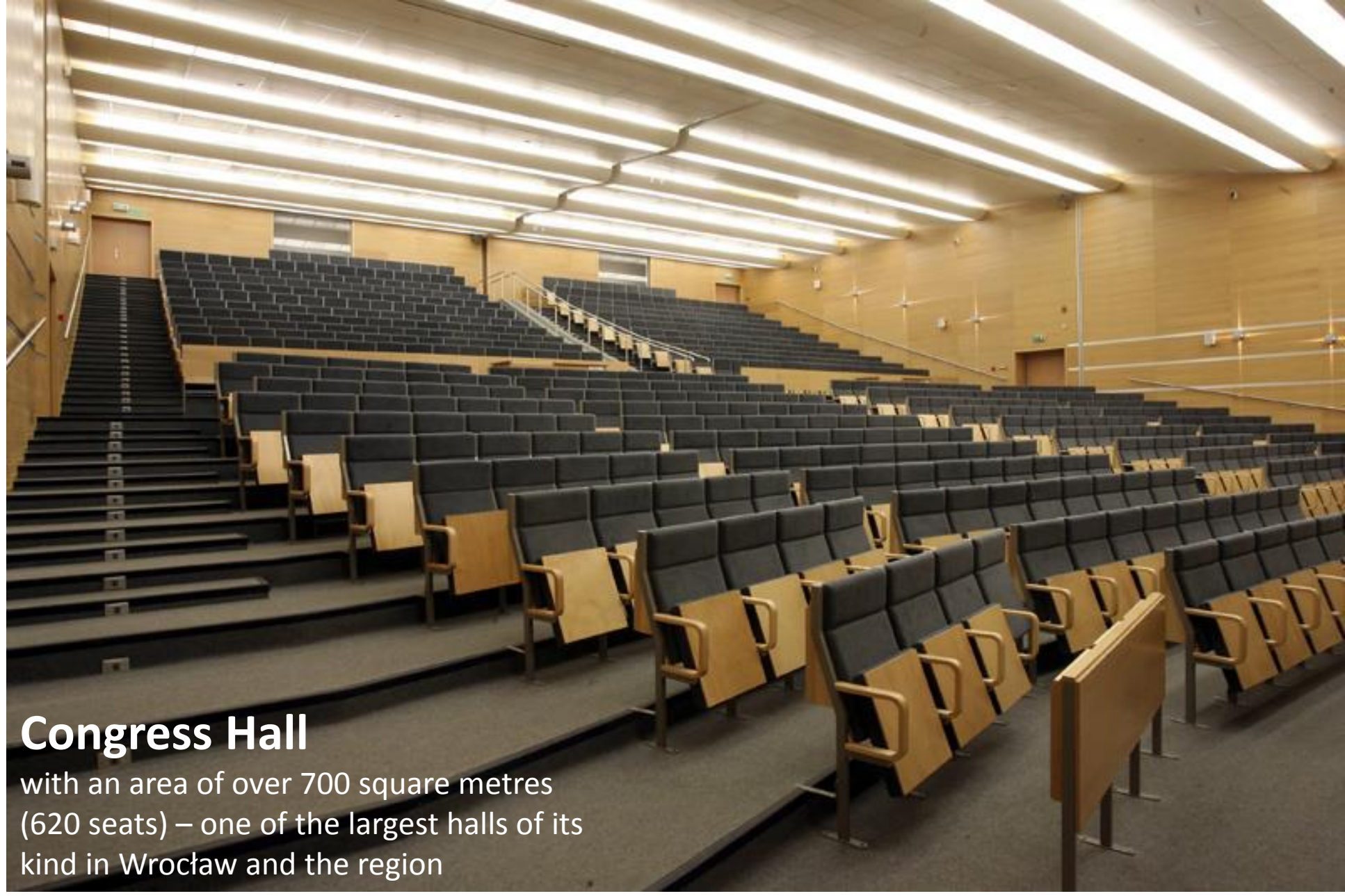


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the CONGRESS CENTRE



Congress Hall
with an area of over 700 square metres (620 seats) – one of the largest halls of its kind in Wrocław and the region

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GOOD PRACTICES FOR ACCELERATING DIGITAL TRANSFORMATION



Wrocław Centre
for Technology Transfer

- animation of research and technological cooperation

- support for the innovative activity of enterprises.

- commercialization of the results of scientific research obtained at the Wrocław University of Science and Technology,

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17 PARTNERSHIPS
FOR THE GOALS

RESEARCH POTENTIAL



Wrocław
University
of Science
and Technology

12
ACCREDITED
LABORATORIES

13
CLUSTERS

17
CENTRES OF
THE WUST

144
RESEARCH
LABORATORIES

10
CONSORTIA

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SCIENTIFIC AND DIDACTIC BASE

- over **220** buildings with modern laboratories, libraries, teaching rooms equipped with multimedia
- **383** rooms and lecture-and-training labs
- **451** teaching laboratories
- **118** computer laboratories
- wireless internet access on campus
- free access to knowledge bases, lab bases and equipment base
- free access to specific software



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17 PARTNERSHIPS FOR THE GOALS

PEOPLE & HIGH QUALITY RESEARCH

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GOOD PRACTICES FOR ACCELERATING DIGITAL TRANSFORMATION



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17 PARTNERSHIPS FOR THE GOALS

INTERNATIONAL UNIVERSITY

How to create system solutions which facilitate transfer of academic knowledge to business and administration

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How to create system solutions which facilitate transfer of academic knowledge to business and administration

Transfer of Ideas  together is always better than on your own

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How to create system solutions which facilitate transfer of academic knowledge to business and administration

Wrocław University of Science and Technology, Poland

• Name / Organization • Country • Tagline, 1-3 sentence description



Guiding Innovation Dynamics



Building Innovation Capacity



ICT Integration into Key Sectors

X

Indicate main focus area / type

GOVERNANCE

- Wrocław University of Science and Technology
- Centre for Scientific and Technical Information

• Organiz. structure • Management & Institutional framework • Competencies

KEY ACTIVITIES

- Facilitating transfer of academic knowledge to business and administration;
- Transforming solution into products which meet the customer requirements and go forward into industry
- Business to Science Team matching
- Brokerage Events
- Commercialisation
- Technology Transfer
- Patenting

• Mechanisms • Processes • Activities • Events

GOALS

- To create an innovative solution based on creativity, professionalism and hard skills as well as partnership

• Objective • Target stakeholders • Desired outcome for ecosystem

RESOURCES

- Public Funds
- Horizon 2020
- NCBiR – National Centre for Research and Development
- Funding Institutions

• Financial • Non-financial • Sources • Partners

ACHIEVEMENTS

- TOP 3 University in Poland
- TOP 1 Number of Patents
- Prime Ministry Awards

• Results • Evidence of impact • Scalability • Replicability

