POLAND

- **POPULATION**: 38 MILLION – 8TH LARGEST POPULATION IN EUROPE, AND 6TH LARGEST IN THE EUROPEAN UNION
- **MAJOR CITIES**: WARSAW (CAPITOL) – 1.7 MLN, AGGLOMERATION: 2.5 MLN / KRAKÓW, ŁÓDŹ, WROCŁAW...
- **AREA**: 312 685 SQ KM – 9TH LARGEST COUNTRY IN EUROPE, AND 6TH IN EU
- **7 NEIGHBOURING COUNTRIES**: THE BALTIC SEA COAST
- **INTERNATIONAL ORGANIZATIONS**: EU, NATO, UN..
- **POLISH LANGUAGE** HAS THE SECOND LARGEST NUMBER OF SPEAKERS AMONG THE SLAVIC LANGUAGES
ABOUT 175 000 INHABITANTS
FIRST ESTABLISHED IN THE 13TH CENTURY
“LITTLE VIENNA” – VIENNESE ARCHITECTURE
PICTURESQUE LOCATION – MOUNTAINS, FORESTS... LAKE
WITHIN THE SAME DISTANCE OF WARSAW, VIENNA, PRAGUE
• AUTOMOTIVE INDUSTRY, IT INDUSTRY, INTERNATIONAL COMPANIES
• LESS THAN 2.9% UNEMPLOYMENT RATE
• RANKED ON 3\textsuperscript{RD} PLACE IN POLAND IN THE RANKING OF ATTRACTIVE CITIES FOR BUSINESS ("FORBES")
• MANY CULTURAL EVENTS, MUSIC FESTIVALS
• SPORTS AND TOURISM: SKIING, MOUNTAIN BIKING...
SHORT HISTORY

1969  
BRANCH OF THE TECHNICAL UNIVERSITY OF LODZ (POLITECHNIKA ŁÓDZKA); 2 INSTITUTES: MECHANICAL AND TEXTILE

1973  
3 INSTITUTES IN THE BRANCH

2001  
UNIVERSITY OF BIELSKO-BIALA (4 FACULTIES)

2005  
5th FACULTY: FACULTY OF HEALTH SCIENCES

2009  
40 YEARS OF HIGHER EDUCATION INSTITUTION IN BIELSKO-BIAŁA
ABOUT THE UNIVERSITY

- **5** FACULTIES
- **21** FIELDS OF STUDY
- **5000** STUDENTS
- **1/4** RIGHT TO CONFER POSTDOCTORAL DEGREE
- **RIGHTS TO CONFER DOCTORAL DEGREE**
ABOUT THE UNIVERSITY

5000 STUDENTS

4000 UNDERGRADUATE / ENGINEERING STUDIES

1000 MASTER STUDIES

30 DOCTORAL STUDENTS

30 / 110 FOREIGN STUDENTS (FULL-TIME / ERASMUS+)
ABOUT THE UNIVERSITY

STAFF TOTAL:
- 351 TEACHERS + 27 ENG. AND TECHNICAL STAFF

ACADEMICS:
- FULL PROFESSORS: 24
- ASSOCIATE PROFESSORS: 89
- ASSISTANT PROFESSORS: 167
- RESEARCH ASSISTANTS: 71
ABOUT THE UNIVERSITY

- MECHANICAL ENGINEERING AND COMPUTER SCIENCE
- MATERIALS, CIVIL AND ENVIRONMENTAL ENGINEERING
- MANAGEMENT AND TRANSPORT
- HUMANITIES AND SOCIAL SCIENCES
- HEALTH SCIENCES
FACULTY OF MECHANICAL ENGINEERING AND COMPUTER SCIENCE

- MECHANICAL ENGINEERING
- MANAGEMENT AND PRODUCTION ENGINEERING
- COMPUTER SCIENCE
- AUTOMATICS AND ROBOTICS
FACULTY OF MATERIALS, CIVIL AND ENVIRONMENTAL ENGINEERING

- TEXTILE ENGINEERING
- ENVIRONMENTAL PROTECTION
- ENVIRONMENTAL ENGINEERING
- BUILDING ENGINEERING
- MATERIALS ENGINEERING
FACULTY OF MANAGEMENT AND TRANSPORT

- INTERNATIONAL MANAGEMENT
- MANAGEMENT
- ANALYTICS AND BUSINESS COMMUNICATION
- SOCIOLOGY
- TRANSPORT
FACULTY OF THE HUMANITIES AND SOCIAL SCIENCES

- POLISH PHILOLOGY
- PHILOLOGY
  - ENGLISH
  - SLAVIC (RUSSIAN, CZECH)
  - SPANISH
- PEDAGOGY
POST-GRADUATE STUDIES

- TWO OR THREE SEMESTERS
- END WITH A FINAL EXAM OR DEFENSE OF THE FINAL THESIS
- GRADUATES RECEIVE A CERTIFICATE OF COMPLETION OF POSTGRADUATE STUDIES
TRAINING COURSES

- WIDE RANGE OF PROFESSIONAL TRAININGS CONDUCTED BY SPECIALIZED SCIENTIFIC STAFF
- TRAININGS FOR STAFF OF EVERY MODERN COMPANY
  - HEALTH AND SAFETY AT WORK MANAGEMENT
  - ENGLISH IN PRE-SCHOOL AND EARLY-SCHOOL EDUCATION
  - CISCO CERTIFIED NETWORK ASSOCIATE (CCNA) ROUTING AND SWITCHING 1-2
• COMPUTER SCIENCE AND MATHEMATICS
• MECHANICAL ENGINEERING AND AUTOMATION
• PRODUCTION ENGINEERING
• METROLOGY
RESEARCH

- TEXTILE ENGINEERING AND POLYMER MATERIALS
- CIVIL ENGINEERING
- ENVIRONMENTAL PROTECTION AND ENGINEERING
RESEARCH

- MANAGEMENT
- TRANSPORT
- SOCIOLOGY
RESEARCH

- PHILOLOGY (LINGUISTICS AND LITERATURE):
  - ENGLISH
  - SPANISH
  - SLAVIC
- PEDAGOGY
RESEARCH

- NURSING
- EMERGENCY MEDICINE
- PUBLIC HEALTH
- BIOCHEMISTRY AND MOLECULAR BIOLOGY
- SCHOOL OF UNCERTAINTY OF COORDINATE MEASUREMENTS
- LABORATORY OF BIOMATERIALS AND SPECIAL MATERIALS – RESEARCH ON THE PRODUCTION OF INNOVATIVE MATERIALS FOR MEDICAL APPLICATIONS
SCIENTIFIC CONFERENCES:

- BGL – CONSTRUCTION-GEOSYNTHETICS-LOGISTICS WITH TRAINING WORKSHOPS
- X-RAY INVESTIGATIONS OF POLYMER STRUCTURE – XIPS IN COOPERATION WITH THE CATHOLIC UNIVERSITY IN LEUVEN (BELGIUM)
INTERDISCIPLINARY SCIENTIFIC CONFERENCES – MAIN TOPICS:

- MEDIA
- CONTEMPORARY ISSUES OF COMPANY MANAGEMENT
· ACADEMIC FORUM OF HUMANITIES

· ANNUAL CONFERENCES
  – MAIN TOPICS:
    ▪ TRANSLATION
    ▪ TEACHER AND STUDENT IN THEORY AND PRACTICE
- EUROPEAN PATENT – INNOVATIVE TECHNOLOGY OF USING PIG TRANSGENIC TISSUES FOR BIOMEDICAL PURPOSES
- INTERINSTITUTIONAL RESEARCH TEAMS
PROJECTS
MAIN PROGRAMMES

- NATIONAL AGENCIES:
  NCN - NATIONAL SCIENCE CENTRE,
  NCBR – NATIONAL CENTRE FOR
  RESEARCH AND DEVELOPMENT

- ERASMUS+
- EUROPEAN SOCIAL FUND
- ERA-NET-IB
- VISEGRAD FUND
- CORNET INITIATIVE
ERASMUS+
GEOMETRICAL PRODUCT SPECIFICATION AND VERIFICATION AS TOOLBOX TO MEET UP-TO-DATE TECHNICAL REQUIREMENTS

• CONSORTIUM OF 9 INSTITUTIONS
• GPS-VTOOLBOX PROJECT WILL:
  ▪ PRODUCE INNOVATING CURRICULUM CONTENT AND STRUCTURE BY TAKING INTO ACCOUNT CURRENT TRENDS IN ENGINEERING EDUCATION AS WELL AS PRACTICE-BASED CASES
  ▪ ENCOURAGE WIDE APPLICATIONS OF NEW COMMUNICATION AND INFORMATION TECHNOLOGIES IN TEACHING AND LEARNING
DEVELOPING OF TECHNOLOGICAL PROCESS OF PRODUCTION OF GRAPHENE ON AN INDUSTRIAL SCALE

THEN INTRODUCING IT INTO THE MODIFIED STYROFOAM PRODUCTION BY THE SEMPRE FARBY

THE FIRST AND LARGEST GRAPHENE TECHNOLOGY PRODUCTION IN POLAND

PROJECT VALUE: 4 MLN PLN ~ 1 MLN EUR
COST ACTION
INTERNATIONAL STUDY ABROAD RESEARCH
IN EUROPEAN PERSPECTIVE

- SCIENTISTS FROM 29 COUNTRIES
  AND VARIOUS SCIENTIFIC DISCIPLINES

- NEW METHODS OF STUDYING
  FACTORS THAT MAY HAVE
  A SIGNIFICANT IMPACT ON THE
  ACQUISITION OF A FOREIGN LANGUAGE
  WITHIN THE FRAMEWORK OF ACADEMIC
  EXCHANGE PROGRAMS
NATIONAL FUNDS

- Layered substrates supporting the reconstruction of the nasal cartilages produced by spatial printing and electrospinning
- The concept of production of succinic acid from lignocellulosic biomass using waste CO2
- Information, action and a four-dimensional graded awareness in the context of current discussions on the measures, functions and mechanisms of consciousness
POWER:
OPERATIONAL PROGRAM
KNOWLEDGE EDUCATION DEVELOPMENT

- UNIVERSITY OF THE FUTURE (~3 mln EUR)
- INTERNSHIP - A START FOR THE CAREER OF A 21ST CENTURY ENGINEER
- ACADEMY OF COMPETENT STUDENT
INTERNATIONAL COOPERATION

OVER 90 COOPERATION AGREEMENTS WITH PARTNER ACADEMIC INSTITUTIONS:

- ERASMUS AGREEMENTS WITH EU COUNTRIES, TURKEY AND NORWAY
- INSTITUTIONAL COOPERATION: RUSSIA, UKRAINE, USA, INDIA
- RESEARCH COOPERATION WITHIN PROJECTS
COOPERATION WITH BUSINESS

- OFFER OF THE RESEARCH SERVICES
- COMMON INITIATIVES
- COOPERATION IN THE FIELD OF DESIGNING THE INNOVATIVE PRODUCTS/ PROCESSES
- EXAMPLES:
  - CONVEYOR FOR SKI TRACKS
  - ENDLESS SWIMMING POOL
ANNUAL FCA SPONSORED COMPETITION FOR THE BEST FINAL THESIS

- SINCE 1997
- ONLY BACHELOR’S, MASTER’S, DOCTORAL AND POSTDOCTORAL THESSES DEFENDED AT THE UNIVERSITY
- ONLY 3 UNIVERSITIES IN POLAND TAKE PART IN THIS PRESTIGIOUS CONTEST
- SPECIAL AWARD: GIOVANNI AGNELLI AWARD
ASSOCIATION "SILESIAN UNIVERSITIES"

- Five higher education institutions from the Śląskie and Opolskie Voivodships
- Mutual development of the educational offer
- Exchange lecturers
- Share laboratories
- Joint applications for research grants
THE SILESIAN UNIVERSITIES NETWORK (SUN)

- THE INITIATIVE OF NINE PUBLIC ACADEMIC UNITS OF THE SILESIAN REGION
- CREATED WITH THE AIM OF:
  - PROMOTING HIGHER EDUCATION IN THE AREA OF SILESIA, THE REST OF POLAND AND IN THE INTERNATIONAL CIRCLES
  - INTERNATIONALIZATION OF ACADEMIC UNITS
  - INTEGRATION OF THE PROGRAMS OF SOCIAL SERVICE PROVIDED TO FOREIGN STUDENTS
  - CONDUCTING JOINT SOCIAL AND CULTURAL UNDERTAKINGS AIMED AT INTERNATIONAL STUDENTS PURSUING PART OF THEIR STUDIES AT THE UNIVERSITIES OF THE CONSORTIUM
IATI / PROGRES3

- **IATI** - VIRTUAL INSTITUTE DESIGNED TO INTEGRATE SCIENTIFIC RESEARCH INTO THREE ENVIRONMENTS: UNIVERSITIES, INDEPENDENT RESEARCH INSTITUTES AND ENTERPRISES

- **49 INSTITUTIONS**, INCLUDING: 23 UNIVERSITIES, 8 RESEARCH INSTITUTES AND 18 ENTERPRISES

- **PROGRES3** – INITIATIVE WHICH CREATES LINKS AMONG UNIVERSITIES WITH REGARD TO SCIENTIFIC RESEARCH AND INNOVATION

SCIENCE-BUSINESS-INNOVATION CONFERENCE

- PLATFORM FOR THE EXCHANGE OF VIEWS AND IDEAS BETWEEN PEOPLE OF SCIENCE AND THE WORLD OF BUSINESS

- INSPIRATION FOR LOCAL INNOVATION DEVELOPMENT AND NEW TECHNOLOGIES
IN FOCUS ECONOMIC SPECIALIZATIONS OF BIELSKO-BIAŁA

- PARTNERS: B-B CITY OFFICE, REGIONAL DEVELOPMENT AGENCY, UBB, BUSINESS-RELATED INSTITUTIONS
- IT AS THE KEY DIRECTION OF DEVELOPMENT
- UNIVERSITY – PARTNER IN 3 AREAS:
  - MODERN TECHNICAL EDUCATION
  - RESEARCH AND DEVELOPMENT COOPERATION
  - REVITALIZATION OF EXOGENOUS FUNCTIONS
BIELSKO-BIAŁA FABLAB INITIATIVE

- PARTNERS: REGIONAL DEVELOPMENT AGENCY IN BIELSKO-BIAŁA, UBB
- PROMOTING LOCAL AND REGIONAL INNOVATION
- DISSEMINATION OF MODERN 3D TECHNOLOGY
- IMPLEMENTATION OF THREE THEMATIC PILOT ACTIONS, WHICH SERVE DIFFERENT GROUPS RELATED TO SOCIETY, EDUCATION AND BUSINESS
JOINT ADVERTISING CAMPAIGNS:
www.miastowgorach.pl
www.karierawgorach.pl
www.studiawgorach.pl

- "IN THE MOUNTAINS" – PROMOTION OF THE CITY POTENTIAL, AS THE IMPORTANT ELEMENT OF HIGHER EDUCATION
- PART OF THE CAMPAIGN "STUDY IN THE MOUNTAIN" WAS DEDICATED TO THE EDUCATIONAL OFFER OF THE UNIVERSITY
”FLIP FLOPS CROCS FOR GAMBIA”
2nd EDITION

- THE SOCIAL ACTION OF COLLECTING AS MANY NEW PLASTIC FLAPS FOR CHILDREN FROM GAMBIA
- JOINT PROJECT OF THE UNIVERSITY, SCHOOLS, KINDERGARTENS, COMMUNITY CENTERS AND PARISHES
“CLEAN BESKID MOUNTAINS” CAMPAIGN

- BUILDING AND DEVELOPING GOOD PRACTICES OF LOCAL COMMUNITY COOPERATION
- CLEANING UP OFTEN FREQUENTED MOUNTAIN TRAILS AS PART OF THE INITIATIVE FOR ENVIRONMENTAL PROTECTION
THE TOWN OF INNOVATION

- SCIENCE AND RECREATION PARK CREATED WITH THE GEMINI PARTNER
- EDUCATIONAL CENTER FOR CHILDREN AND YOUNG PEOPLE, MODELED ON THE COPERNICUS SCIENCE CENTER OR SIMILAR CENTERS FROM AMSTERDAM, LONDON OR CHICAGO
SHORT ABOUT THE UBB

EDUCATION

INITIATIVES

RESEARCH

OTHER ASPECTS

PROJECTS

COOPERATION
OTHER ASPECTS
ERASMUS+ STUDENTS AT THE UNIVERSITY

- ORIENTATION DAYS
- TRIPS
- POLISH LANGUAGE
- INTERNATIONAL DINNERS
- MINI CITY RACE
BESKIDY FESTIVAL OF SCIENCE AND ART

- ORGANIZED SINCE 1999
- MANY CULTURAL, EDUCATIONAL, AND STATE INSTITUTIONS ARE INVOLVED
- WORKSHOPS, LABORATORIES, SHOWS, LECTURES, CULTURAL EVENTS, PERFORMANCES, CONCERTS AND NUMEROUS EVENTS
JUWENALIA – STUDENTS FESTIVAL

- Symbolic handing over keys to the gates of the city to students by the president
- Fun usually lasts for a number of days, during which cultural and sports events take place, organized mainly by and for students
ATH CHOIR

• ESTABLISHED IN 2003
• NOT ONLY STUDENTS...
• OVER 60 NATIONAL AND INTERNATIONAL AWARDS FOR THE BEST CHOIR AND THE BEST DIRECTOR
ACADEMIC GALLERY

- OPEN IN 2012
- THE WORKS OF RENOWNED POLISH AND EUROPEAN ARTISTS ARE EXHIBITED
- TWO PARTS: ONE CLOSED, THE OTHER PART LOCATED IN THE OPEN AREA OF THE HALL
CAREER SERVICES

SUPPORTS THE PROFESSIONAL DEVELOPMENT OF STUDENTS AND GRADUATES

OFFERS:
- WORKSHOPS
- JOB FAIRS
- MEETINGS WITH EMPLOYERS
ACADEMIC BUSINESS INCUBATOR

MAKES IT POSSIBLE TO SET UP A COMPANY AT THE LOWEST COST AND AT THE MINIMAL RISK

OFFERS:

- LEGAL SUPPORT
- WORKSHOPS
- ROOM INTENDED FOR RUNNING THE COMPANY
STUDENTS’ SCIENTIFIC ASSOCIATIONS

- “RESET”: 14 GOLD MEDALS, 14 SILVER AND 6 BRONZES DURING NATIONWIDE AND INTERNATIONAL ROBOTIC CONTESTS
- “HORYZONT”
- “DEFIBLIRATOR”
STUDENTS’ SPORT ASSOCIATION

- DIFFERENT SECTIONS
- STUDENTS’ ACHIEVEMENTS: YOUNG POLISH VICE-CHAMPIONSHIP U-23, YOUTH LEAGUE PLUS CHAMPIONSHIPS AND SILESIAN ACADEMIC CHAMPIONSHIP IN MEN'S VOLLEYBALL 2016/2017
ESCAPE ROOM AT THE UNIVERSITY

- STUDENTS’ INITIATIVE
- FUN IDEA FOR PLAYING WITH FRIENDS
- THE GAME IS TO GET OUT OF A CLOSED ROOM FULL OF PUZZLES IN LIMITED TIME
ALUMNI ASSOCIATION (SAP)

MAIN OBJECTIVE:
• HIGHLIGHT THE SCIENTIFIC AND OTHER ACHIEVEMENTS OF THE UNIVERSITY STUDENTS, GRADUATES AND EMPLOYEES

INITIATIVES:
• EVENTS FOR GRADUATES (PICNICS)
• SOCIAL PROJECTS
THANK YOU FOR YOUR ATTENTION!