



UNIVERSITY OF SILESIA
IN KATOWICE

University of Silesia – a university between the West and the East

Founded in 1968

Research-oriented

Open

Inclusive





Structure

4 campuses

(Katowice, Sosnowiec, Cieszyn, Chorzów)

8 faculties

- Faculty of Humanities
- Faculty of Natural Sciences
- Faculty of Social Sciences
- Faculty of Science and Technology
- Faculty of Law and Administration
- Faculty of Arts and Educational Science
- Faculty of Theology
- Krzysztof Kieślowski Film School

2 doctoral schools (25 disciplines)

- Doctoral School at the University of Silesia
- International Environmental Doctoral School associated with the Centre for Polar Studies





University in Katowice, Upper Silesia

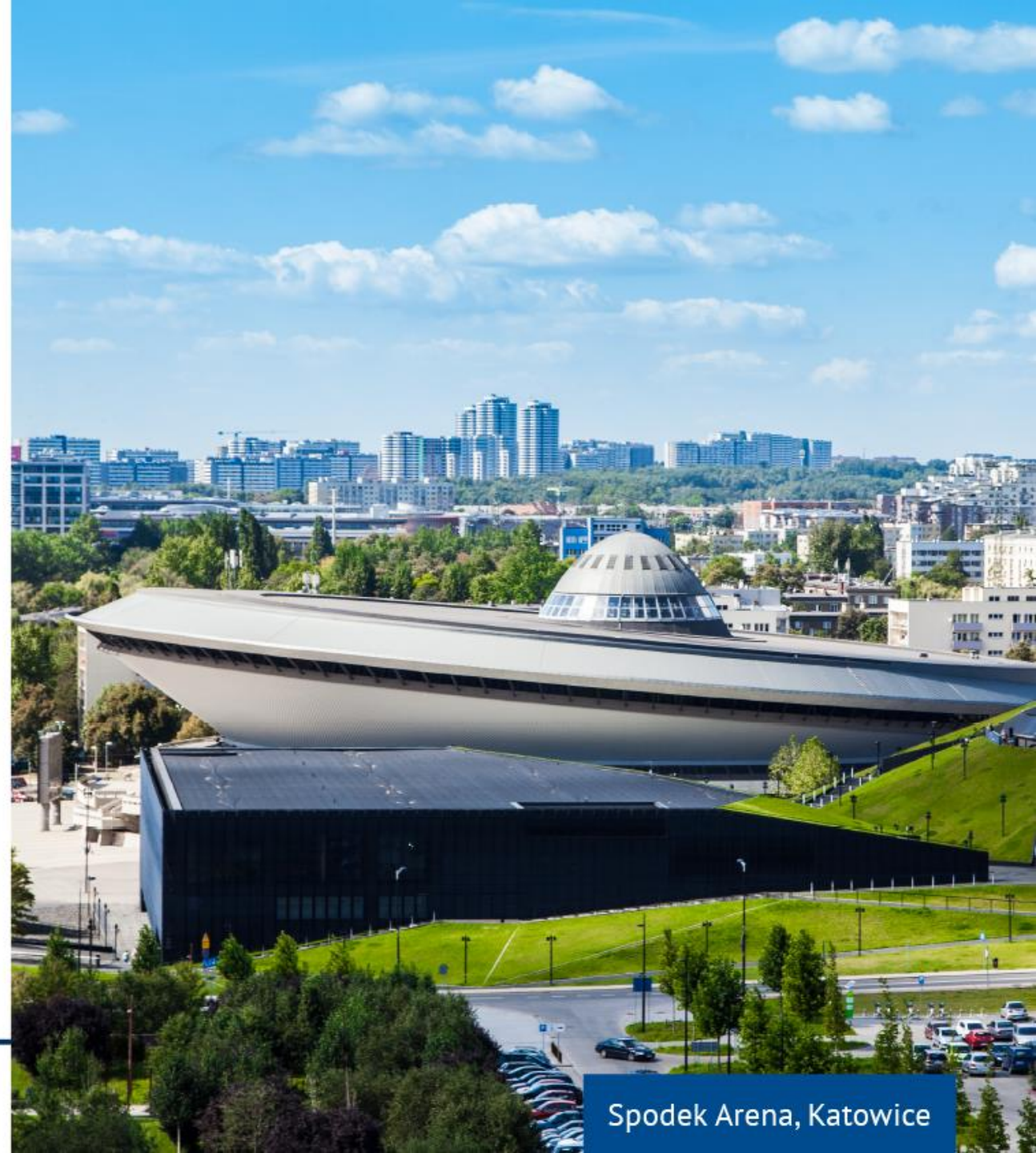
based in Katowice –
3rd best Polish city for young people
according to EUROPOLIS ranking

–
2nd greenest Polish city
according to EUROPOLIS ranking

–
the European City of Science 2024

–
located in a cross-border
and multicultural region

–
plays an important role in region
transformation – from industrial past
to innovative future



Spodek Arena, Katowice



UNIVERSITY OF SILESIA
IN KATOWICE

KATOWICE – EUROPEAN CITY OF SCIENCE 2024

- Biannual **pan-European title**
- **EuroScience Open Forum** – the most important scientific policy gathering in Europe
- All year long scientific and educational **events and activities**
- **City-wide Science Zone** – intermingling research and community
- University of Silesia as the **leader** of the consortium of 7 public universities in Katowice



**European
City of Science
Katowice 2024**



Research



25 research
disciplines



over **660**
research teams



approx. **60** scientific
conferences per year





Excellence in research

Priority Research Areas consistent with the development strategy of the University of Silesia for 2020–2025

1. Harmonious human development – concern for health protection and quality of life.
2. Modern materials and technologies with their social and cultural implications.
3. Environmental and climate changes with the related social challenges.
4. Humanities for the future – interdisciplinary research on culture and civilisation.
5. Research on fundamental properties of nature.



Research infrastructure

22 research centres

- Centre for Polar Studies
- Silesian Water Centre
- University Laboratory for Atmosphere Control (ULAC)
- Interdisciplinary Centre for Staff Development
- Research Centre for Public Policy and Regulatory Governance
- SPIN-Lab Centre for Microscopic Research on Matter

over 220 laboratories





Studies



3 study levels:
Bachelor's • Master's • Doctoral



83 degree programmes
(including 6 in English)



205 majors
(including 12 in English)



72 1st cycle and long-
cycle programmes



61 2nd cycle
programmes





Programmes in English

Faculty of Science and Technology

- BEng. in Materials Science and Engineering
- MSc in Physics: Fundamental and Applied Physics
- MSc in Physics: Nanophysics and Mesoscopic Materials, Modelling and Applications
- MSc in Computer Science

Faculty of Natural Sciences

- MSc in Biotechnology
- MSc in Geography: Geographic Information Systems

Faculty of Law and Administration

- MA in International Business Law and Arbitration

Faculty of Humanities

- MA in English Studies: American and Canadian Studies for Intercultural Communications and Diplomacy

Krzysztof Kieślowski Film School

- MA in Creative management in new media

Faculty of Arts and Educational Science

- MA in Pedagogy – Resocialization with Intercultural Education



Double degree agreements

- 1. MA in Central European Historical Studies** (partners: Matej Bel University in Banská Bystrica, Slovakia, University of Ostrava, Czechia).
- 2. MA in Philosophical Studies** (partners: Matej Bel University in Banská Bystrica, Slovakia, University of Ostrava, Czechia).
- 3. BA in Russian Studies** (partner: Northeastern University, China).
- 4. MA in English Studies: Business English** (partner: Northeastern University).
- 5. BA in English Studies: Business English** (partner: Kazakh National Women's Teacher Training University, Kazakhstan).
- 6. MA in English Studies: Business English** (partner: Kazakh State Women's Pedagogical University) – proceeding.
- 7. MSc in Physics: Nanophysics and Mesoscopic Materials, Modelling and Applications** (partner: Le Mans University, France).



Double degree agreements

8. InterMaths - Joint Master Degree Programme in Applied and Interdisciplinary Mathematics (partner: University of L'Aquila, Italy).

9. MA in German Studies: European Master in Lexicography (EMLex), Erasmus-Mundus Joint Master Degree Agreement, Consortium:

- the Friedrich-Alexander Universität Erlangen-Nürnberg, Germany
- the Université de Lorraine (Nancy), France

- the Universidade de Santiago de Compostela, Spain
- the Károli Gáspár Református Egyetem Budapest, Hungary
- the Universidade do Minho (Braga), Portugal
- the University of Silesia (Katowice), Poland
- the Stellenbosch University, South Africa
- the Università degli Studi Roma Tre, Italy.



Double degree agreements

10.MA in E-learning in Cultural Diversity

(partner: Borys Grinchenko Kyiv University).

11.MA in Games and Virtual Reality Design: Computer Game Graphics

(partner: University of Ostrava).

12.MA BIOPHAM (BIO&PHArmacetical Materials science), Erasmus Mundus Master Consortium:

- the University of Lille (France)
- the University of Pisa (Italy)
- the University of Silesia in Katowice (Poland)
- the Polytechnic University of Catalonia in Barcelona (Spain)



UNIVERSITY OF SILESIA
IN KATOWICE

Community of the University of Silesia in numbers

Students:

15 210 on full-time studies

3,464 on part-time studies

10 487 on 1st cycle studies

4 295 on 2nd cycle studies

679 PhD students

843 foreign students

Staff:

academics: **1,883**

administrative employees: **1,369**

Graduates: 250,000





Lifelong studies

- Children's University of Silesia
- Unibot (Robotics and Programming for Children aged 7-12 years)
- Teenagers' University of Silesia
- Postgraduate Studies
- MBA Programme
- Teacher Training Course
- University of the Third Age
- Academy of Diplomacy





Science communication

The University of Silesia is the leader of Silesian Science Festival KATOWICE – one of the largest popular science events in Europe:

- 555 000 recipients (2016–2022)
- Winner of EUPRIO Golden Rose (2019)
- Winner of Polish Popularizer of Science 2020 in the team category.
- Ambassador of Poland at World EXPO 2020 in Dubai
- „SuperMarka–Śląskie” (2022)



Silesian Science Festival KATOWICE main hall



Publishing house of University of Silesia

Publishes an average of 150 titles
a year.

- from all fields and disciplines of science practised by researchers
- many prizes at national book fairs





International cooperation in numbers



**255 bilateral agreements
with 61 countries**
(on scientific and educational
cooperation)



**826 Erasmus+ agreements
with 48 countries**



**3,500 international
Mobilities per year**
(with 80 countries involved)



● Europe

● Poland

● Katowice



External funding



308 national
and international grants –
total amount: **EUR 68 mln**



Horizon 2020: **9** projects
(amount approx. **EUR 1.5 mln**)



Erasmus+: **14** projects
(amount approx. **EUR 5 mln**)



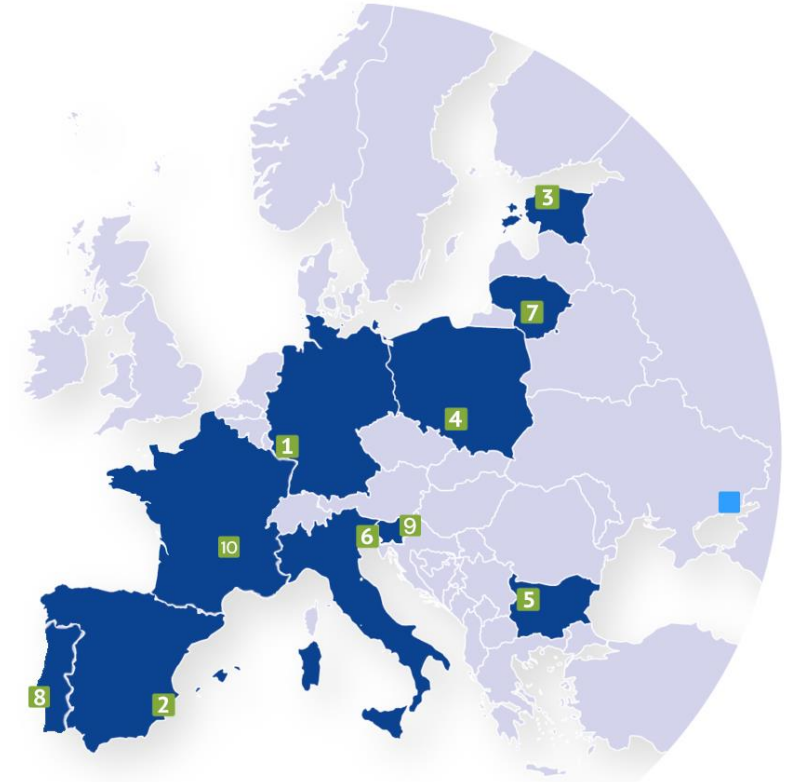


EUROPEAN UNIVERSITIES – TRANSFORM4EUROPE

- Established in 2020
- 10 universities from all over Europe
- Close integration into multinational campus
- Living Lab for the Future of Higher Education
- Mariupol State University as associate partner from Ukraine



- 1 Saarland University, Germany
 - 2 The University of Alicante, Spain
 - 3 The Estonian Academy of Arts, Estonia
 - 4 The University of Silesia in Katowice, Poland
 - 5 Sofia University St. Kliment Ohridski, Bulgaria
 - 6 The University of Trieste, Italy
 - 7 Vytautas Magnus University, Lithuania
 - 8 Catholic University of Portugal, Portugal
 - 9 University of Primorska, Slovenia
 - 10 Jean Monnet University, France
- Mariupol State University, Ukraine



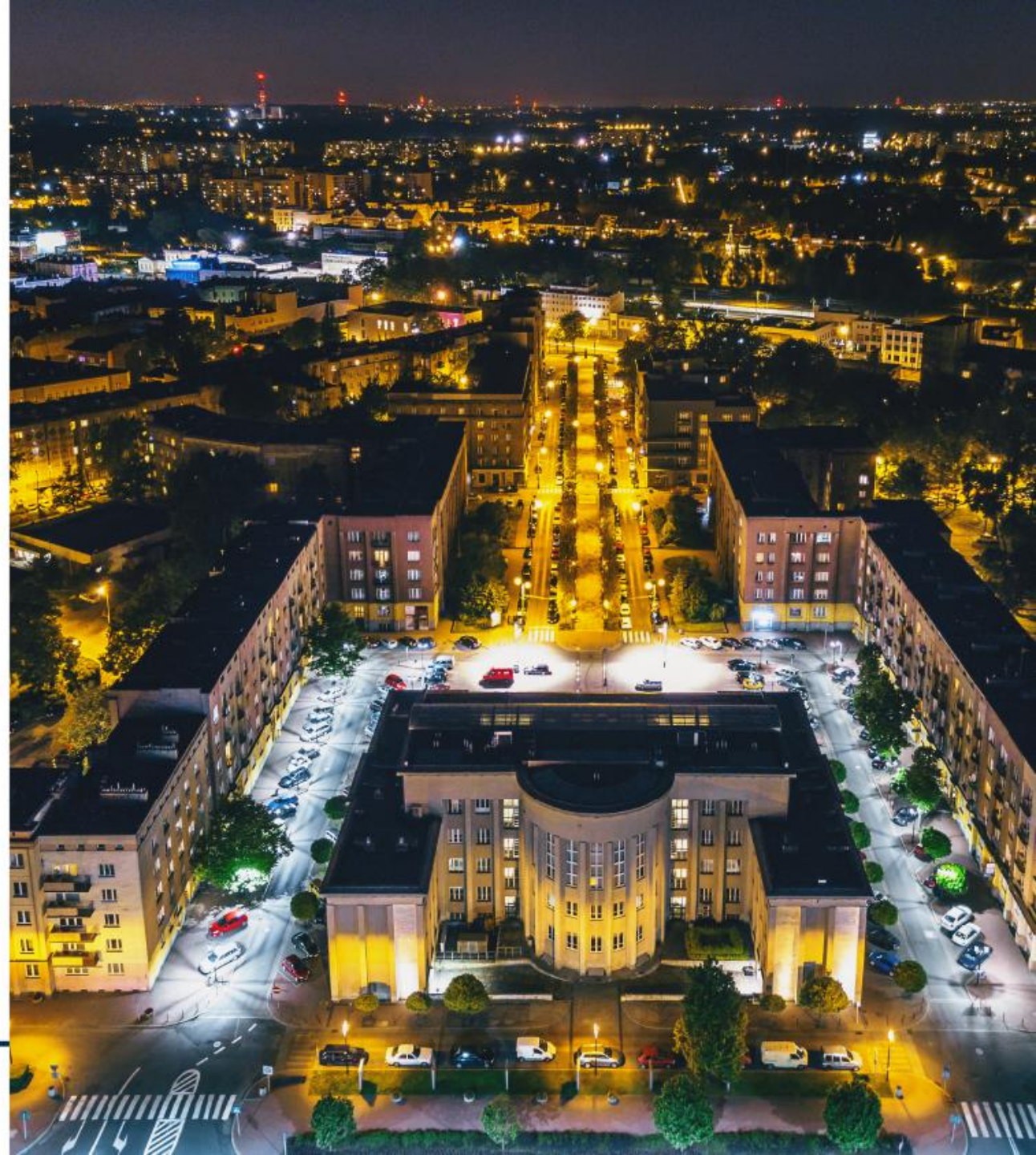


Cooperation with business

- almost 2,000 agreements, arrangements and letters of intent
- 13 clusters initiated
- numerous industrial property rights granted during 50 years,
- including 195 currently in force

2 observatories:

- Observatory of Urban and Metropolitan Processes
- Specialist Observatory of Nanotechnology and Nanomaterials





Internal system for working with business

**Industry
Cooperation Office**

SPIN-US Ltd.

**Office of Patent
Attorneys**

Career Office

SPINplace

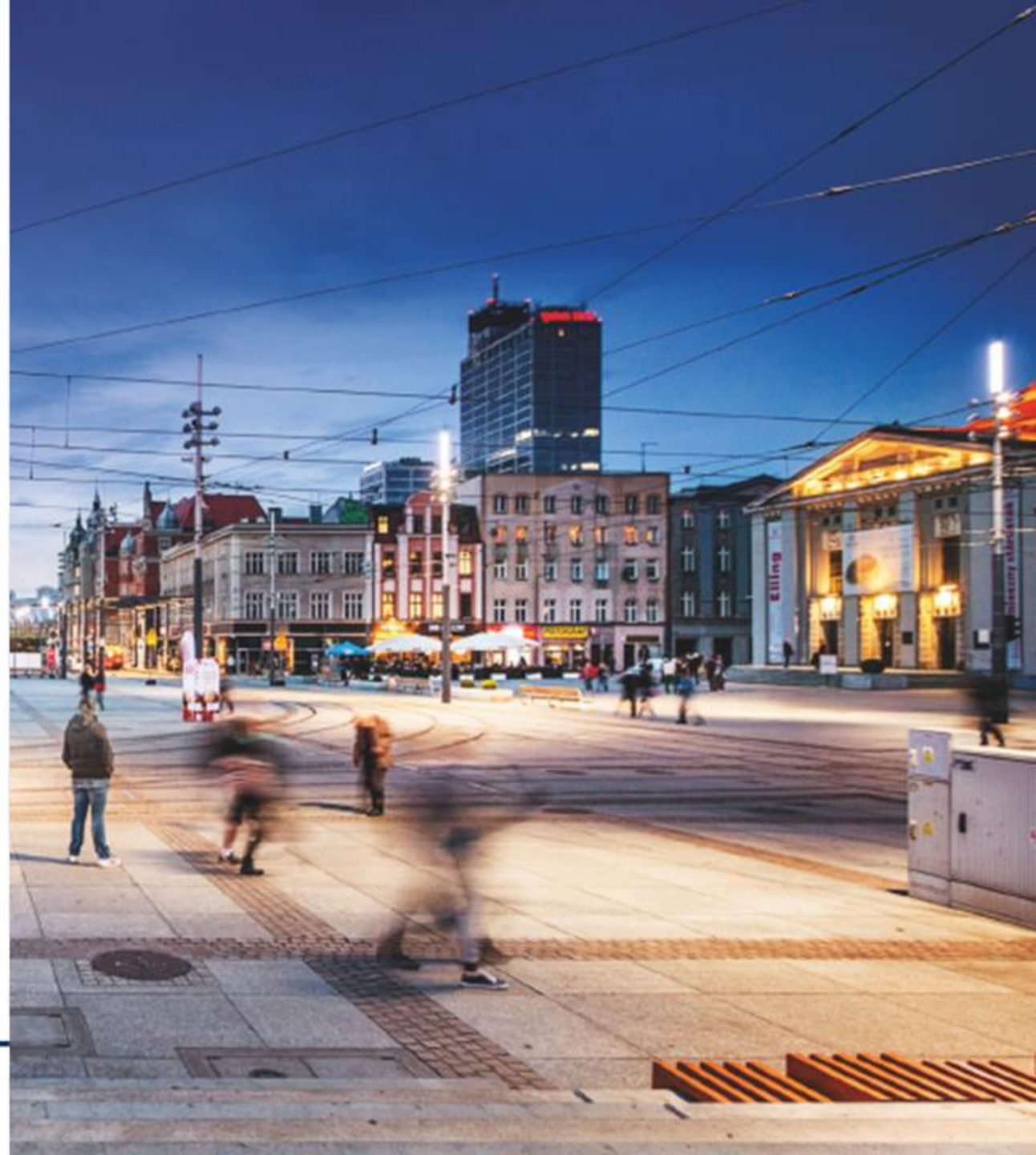
SPINlab

SPINart



Industry Cooperation Office

- research services
- promoting research and IP
- direct commercialisation (licenses, sales of IP)
- building the cooperation between the University and entrepreneurs, business environment institutions and local government units
- networking (exhibition events, trade fairs, conferences, etc.)
- fundraising
- projects about innovation, entrepreneurship, etc.





UNIVERSITY OF SILESIA
IN KATOWICE

SPIN-US Ltd.

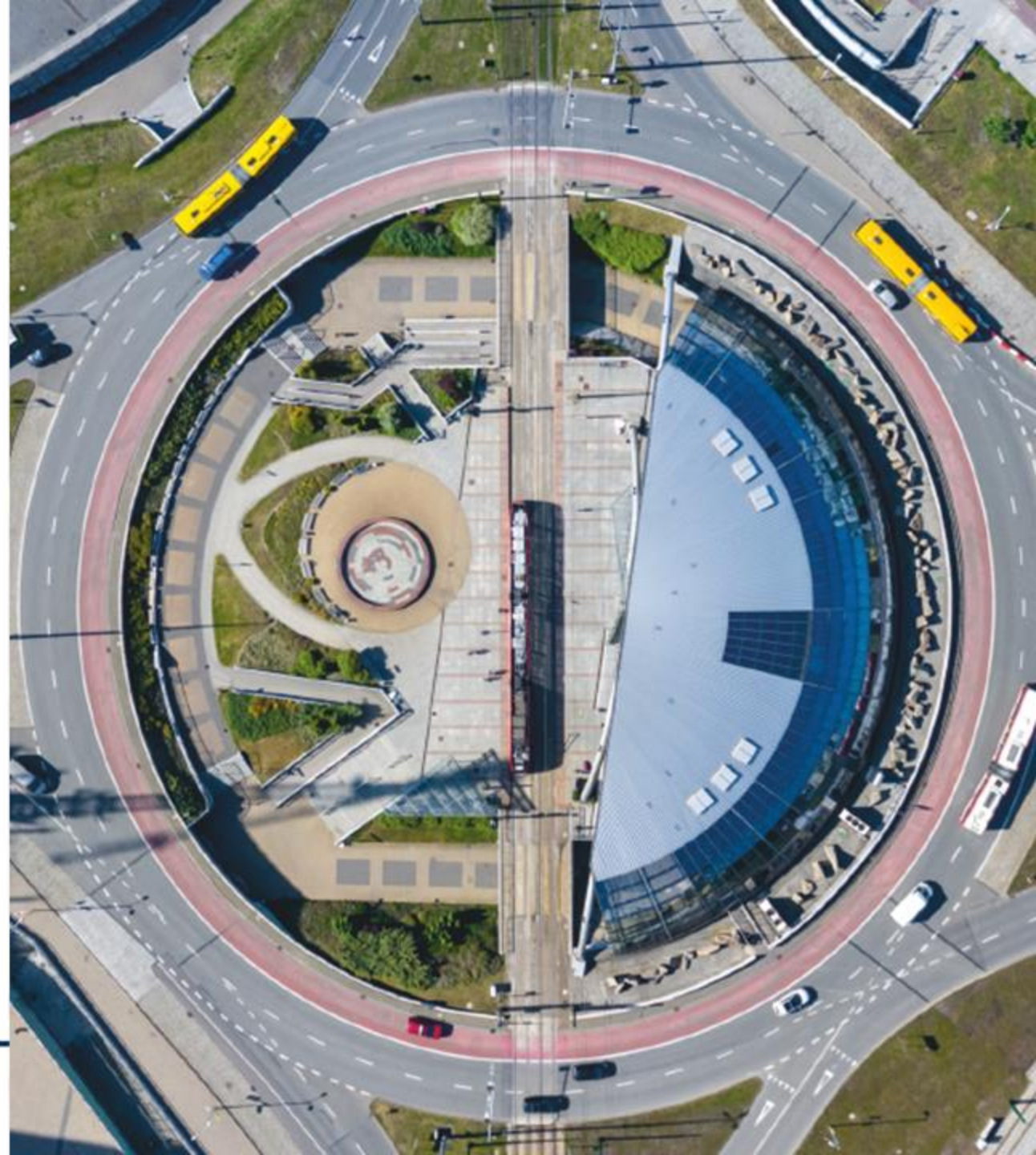
- help researchers and students to apply their expertise and research for wider social and economic benefit
- help staff and students in the University of Silesia who want to protect and commercialize the results of their research
- identifying research output of potential commercial value,
- evaluating its commercial potential,
- protecting research output with intellectual property rights in cooperation with IPR Office,
- marketing inventions,
- deal-making (spin-off, commissioned research)
- providing consulting services





Cooperation with external environment

- Regional Government
- Metropolis GZM
- Polish Association of Centers for Technology Transfer (PACTT)
- Silesia Connect
- InnoHEIs project
- SPINplace
- SPINart





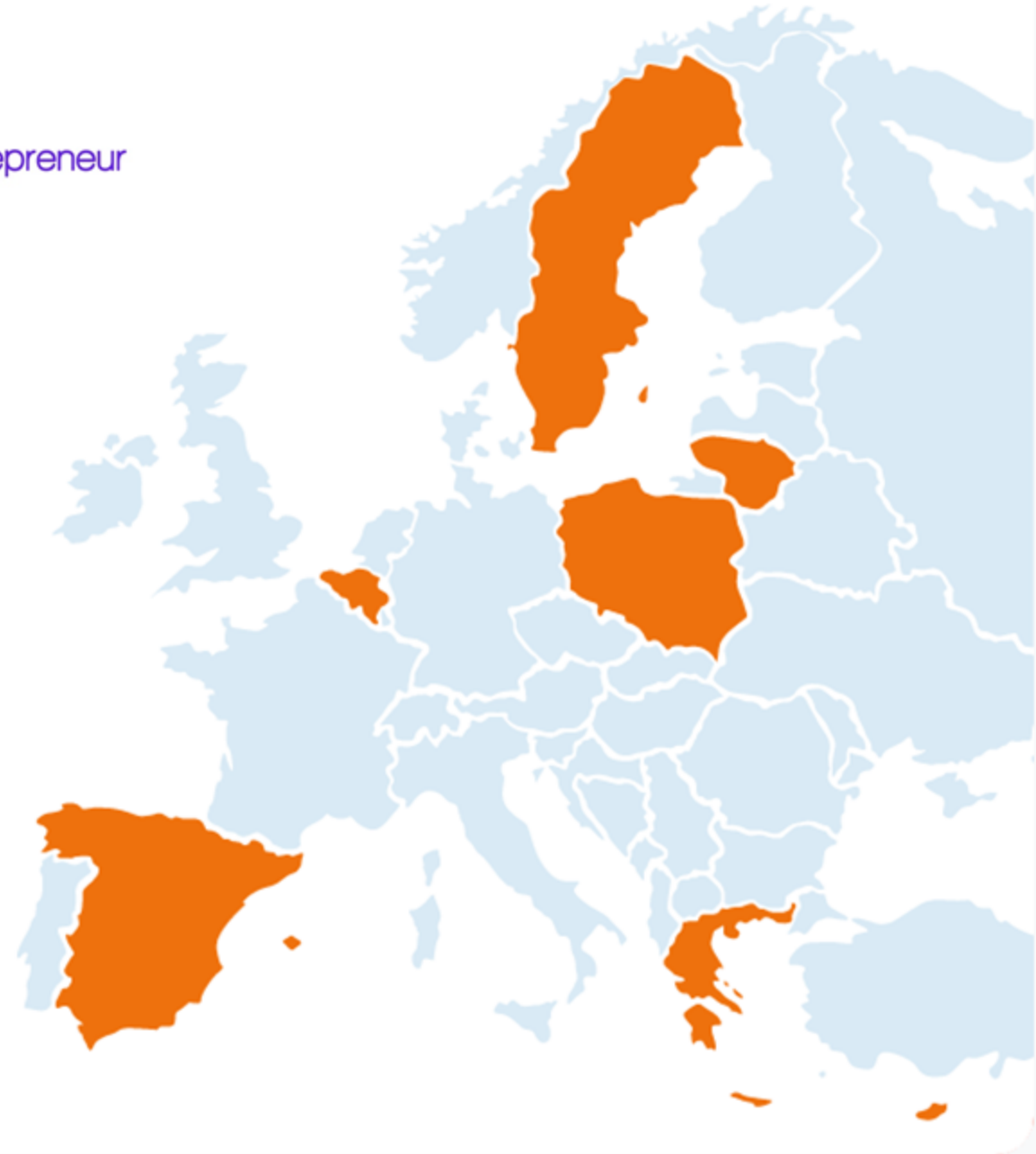
Entrepreneur

The University of Silesia in Katowice, together with 8 partners from abroad, got a prestigious project within EIT HEI Initiative.

- develop the entrepreneurial culture at universities
- professionalising technology transfer offices
- developing innovation and entrepreneurial training programs and mentoring schemes for staff and students



Entrepreneur





SPIN-ART – Cieszyn
SPINplace – Katowice
SPIN-Lab – Chorzów





UNIVERSITY OF SILESIA
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SPINplace – Creativity and Coworking Centre

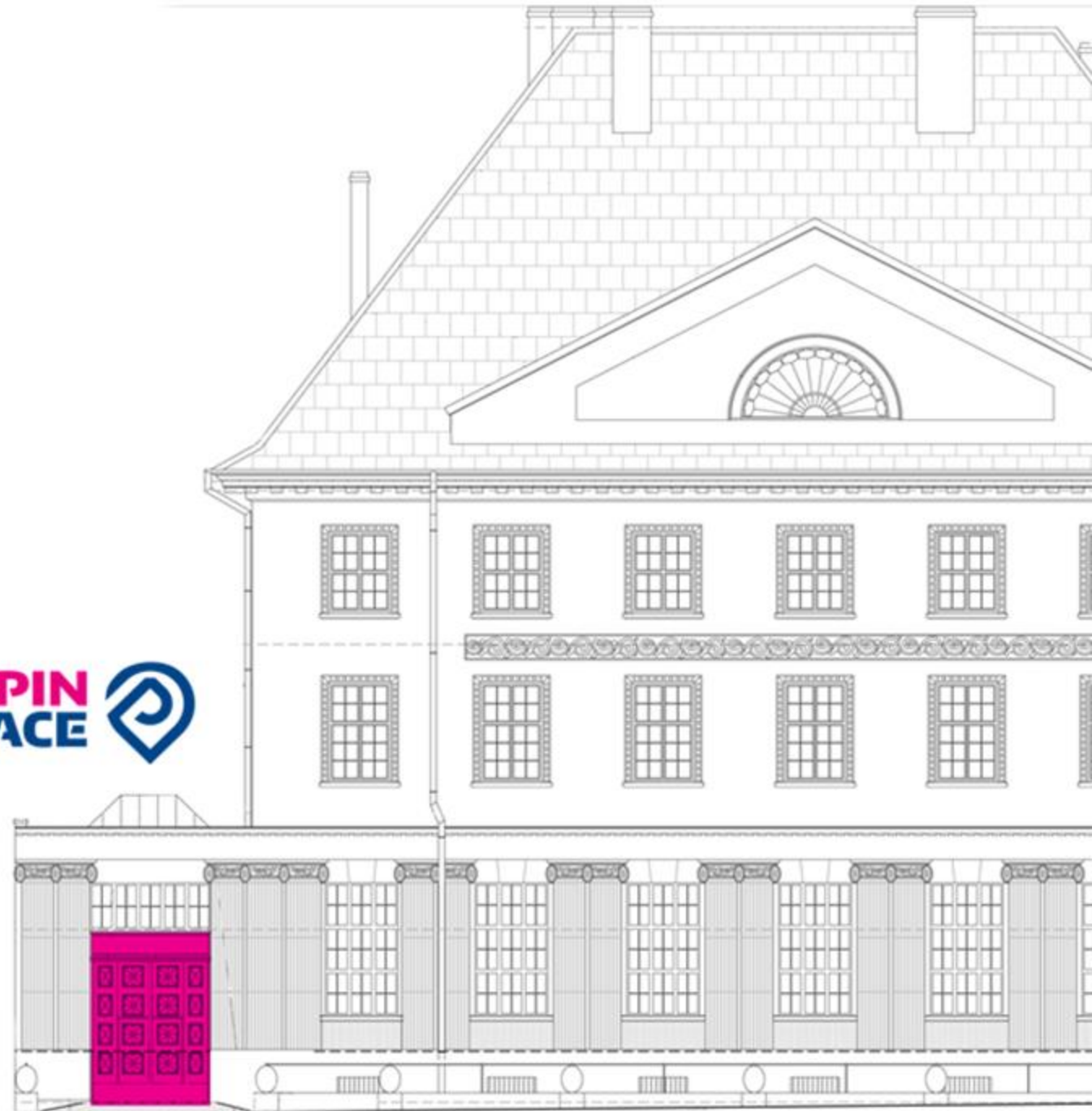
- SCIENCE CAFÉ
- R&D FUSE
- SILESIA DESIGN SCHOOL
- 3D PROTOTYPING CENTRE
- START-UPS MILL
- SPIN BUSINESS ACCELERATOR





SPINplace – Creativity and Coworking Centre

- SCIENCE CAFÉ
- R&D FUSE
- SILESIA DESIGN SCHOOL
- 3D PROTOTYPING CENTRE
- START-UPS MILL
- SPIN BUSINESS ACCELERATOR





Centre of Microscopic Research of Matter SPIN-Lab

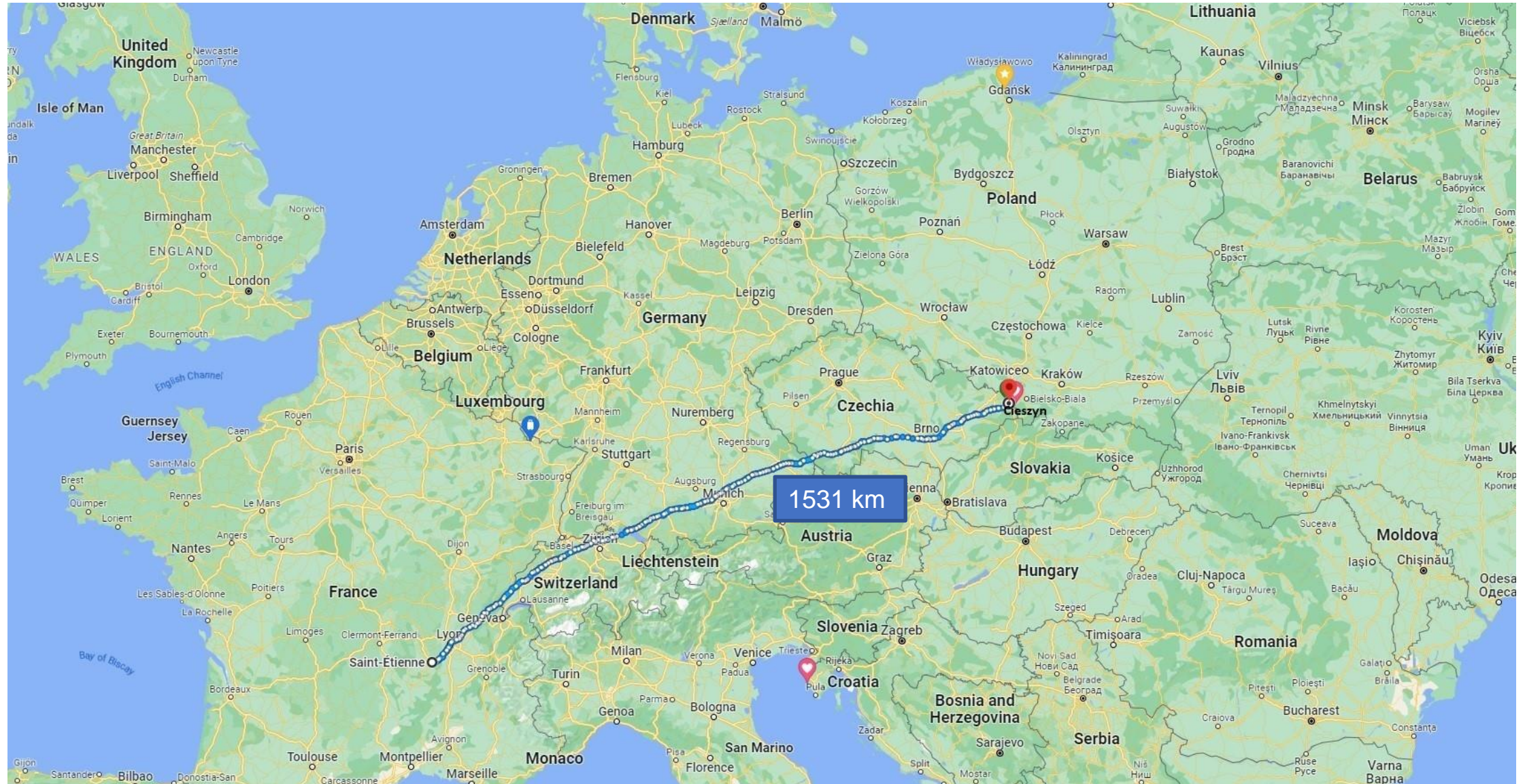
- **Research:** Investigations of 2 Faculties, 9 Institutes, interdisciplinary scientific groups, Regional, National and International grants & research teams
- **Development:** R&D projects in collaboration with business partners, Clusters Hub, Computer Methods in Visualization and Analysis of Microscopic Images
- **Commercial services:** Processes of microscopy analysis, Training in the use of equipment, Sharing of equipment
- **Education:** Seminars and conferences, Didactic, Bachelor, Master and Doctoral studies
- **Competence Center:** „Soft Matter” microscopic research, Consolidation of competences





UNIVERSITY OF SILESIA
FACULTY OF ARTS AND EDUCATIONAL SCIENCE







Beskid Mountains (Beskidy)

- series of forested mountain ranges lying in the southern Poland, eastern Czech Republic and northwestern Slovakia. They are a series of mountain ranges in the Carpathians;
- the region is known for its pastoral traditions, crafts (lace, folk instruments, wood carving), sheep cheese and highlander folk culture.





Cieszyn

- border town in southern Poland on the east bank of the Olza River, the administrative seat of Cieszyn County, Silesian Voivodeship;
- the town has 33,500 inhabitants and lies opposite Český Těšín in the Czech Republic; both towns belong to the historical region of Cieszyn Silesia, and formerly as one town composed the capital of the Duchy of Cieszyn (until 1918).





Cieszyn

- the town was the capital of the Duchy of Teschen since 1290, which was ruled by Piast dynasty until 1653 and by the Habsburg Dynasty of Austria until 1918;
- in 1920 Cieszyn Silesia was divided - by the Versailles Treaty - between the two newly created states of Poland and Czechoslovakia;
- on the Czech side of the border, stayed the autochthonous Polish population, which now constitutes the Polish national minority.





University of Silesia in Cieszyn

- was founded in 1971,
- the university was established in a building from 1911, which previously housed the first independent Polish teacher training seminary for men in Austrian Silesia,
- the campus consists of a complex of teaching buildings, dormitories, sports facilities and a park.





Faculty of Arts nad Educational Science

- Institute of Music
- Institute of Fine Arts
- Institute of Culture Studies
- Institute of Arts Studies
- Institute of Pedagogy
- about **700 students** in Cieszyn,
- 35 foreign students from different countries of the world.





Studies



3 study levels:
Bachelor's • Master's • Doctoral



11 degree programmes



94 research activities
(including 21 research teams
and 73 individual art projects)



170 academics (lecturers)



35 administrative staff
members





Degree programme list:

- Music Education
- Music in Multimedia

- Graphic Arts
- Games and Virtual Reality Design
- Fine Arts Education

- Ethnology and Cultural Anthropology
- Socio-cultural Animation
- Socio-cultural Animation with Cultural Education

- Early School Education and Pre-School Education
- Pedagogy
- Special Education





Infrastructure - laboratories and art studios

- **Institute of Fine Arts:** Painting studios, Studio of object art, Comics studio, Photography studios, Graphic design studios, Graphic design studios, Studio of unique activities, Ceramics studio, Glass studio, Sculpture studios, The Exlibris studio, Drawing studios.
- **Institute of Music:** Recording studio, Chamber hall, Computer laboratories, Ballet room.



CONTACT US

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Institute of Fine Arts

In a seperate file.

SPIN-ART.

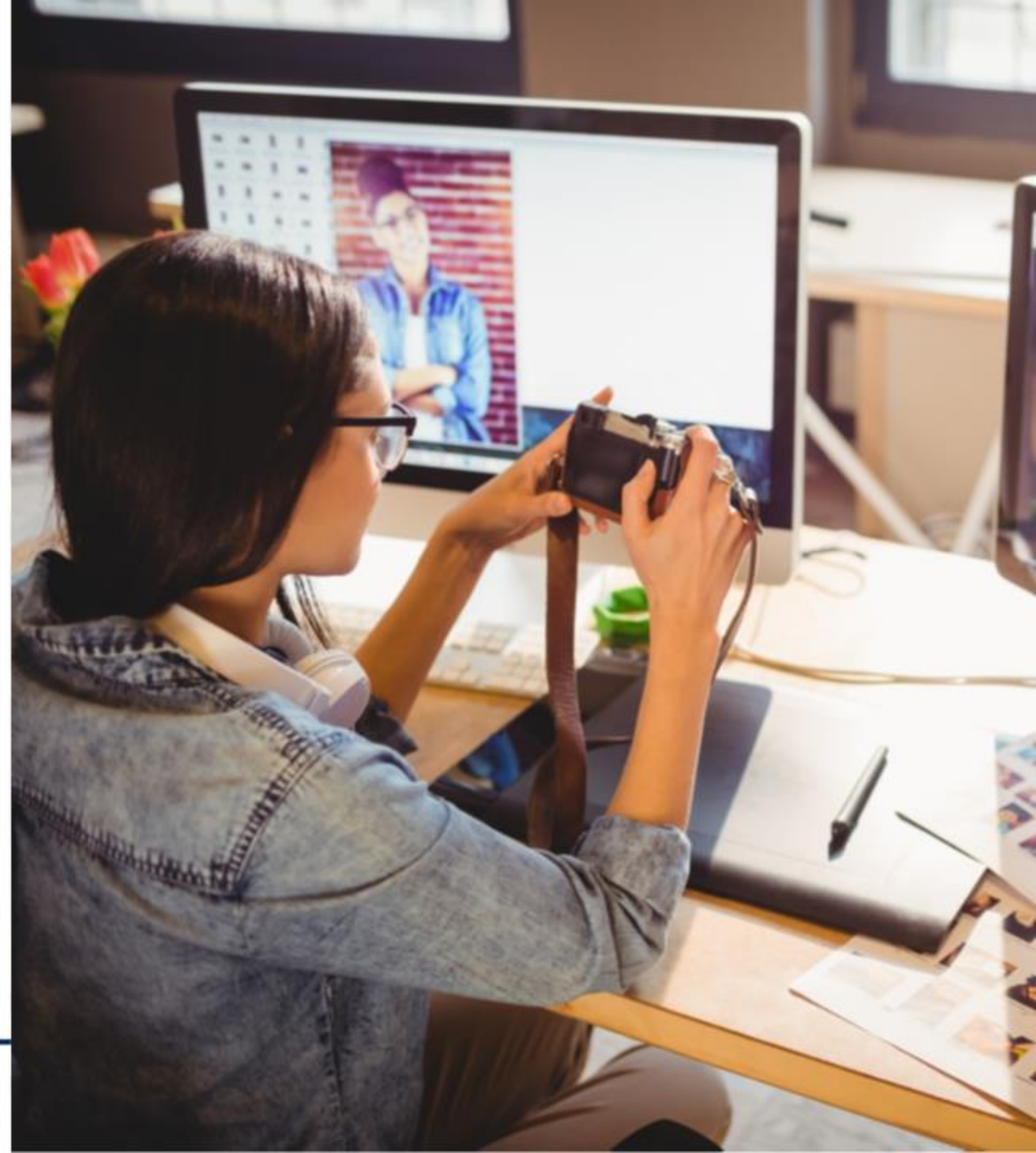
CONCEPT OF THE NEW FACILITY



SPIN-ART

Center for Artistic and Cultural Education

- develop the creative industry
- educate through play and art
- preserve and develop cultural heritage of the region
- design and explore virtual environments
- teach through the practice of crafts and handicrafts
- implement experimental social activities and projects





Strengthening connections and cooperation between the academic-artistic circles and the social-economic environment



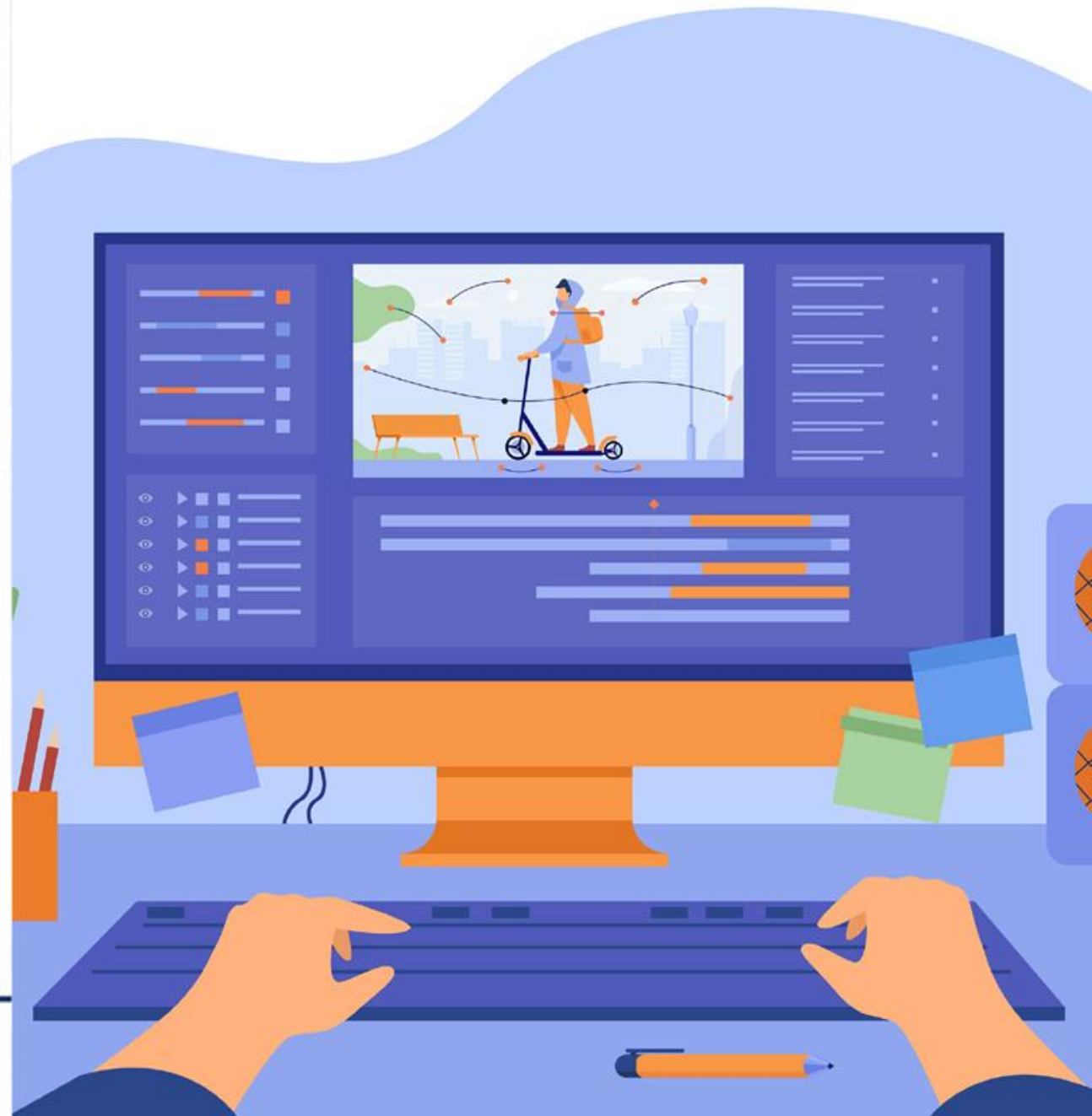
INDIRECT GOALS

- Adapting the infrastructure of the University of Silesia to the requirements of practical education in connection with the social-economic environment of the transforming region
- Strengthening connections between art degree programmes and their surroundings
- Integrating cooperation between the employees of artistic and scientific circles
- Strengthening connections and cooperation between the academic circles and the social-economic environment
- Competency development



Cooperation with the following sectors

- Education (domestic and foreign universities, schools, craft)
- Business (creative industries)
- Administration (local, regional, domestic)
- Society (NGOs, inhabitants, formal and informal groups)



Target groups

- Youth
- Students and graduates
- PhD students
- Research and didactic staff
- Inhabitants
- Freelancers, artists, craftsmen
- Business partners





SPACE FOR PRINTING AND RELATED SCIENCES

The space will include:

Functional graphic design, including:

- poster, design of visual identification systems – brand visual identity of a production company, institution, service etc. as well as design and production of visual communication systems for public utility spaces;
- design and print of typhlo-maps and other printing materials for visually impaired and blind persons;
- branding and design of visual identity of products, packages, blanking dies, labels etc.



SPACE FOR PRINTING AND RELATED SCIENCES

Graphic design, artistic graphics, experimental and interdisciplinary graphics:

- traditional and artistic book, comic book, artistic bookbinding, liberature, exlibris,
- artistic graphics using non-standard materials, formats and forms, including spatial forms, technological and formal experiments of art and design, combining traditional and modern technologies;

Documentation and archiving activities related to paper, photographs and museum collections, including high-quality scanning of films and documents that are historically significant or collectors' items.





SPACE FOR IMAGE AND SOUND STUDIES

- The space will include:
- Recording studio, sound engineering and systems, sound interception space, motion capture space, bluescreen.
- Showroom for game graphics, VR, digital image processing, 3D models creation.
- Image and sound design.
- Motion capture studio necessary for capturing 3D movement





SPACE FOR EXPERIMENTAL WORKSHOPS

Space for working with materials (e.g. artistic ceramics, applied ceramics, artistic glassware, functional glassware (stained glass, fusing), other general artistic and technical activities.





SPACE FOR ACADEMIC ENTREPRENEURSHIP

- Workshop space associated with teaching entrepreneurship to students
- Space for initiatives associated with the creative industry initiated by students/staff





SPACE FOR ADVERTISING AND ARTISTIC PRESENTATION OF WORKS

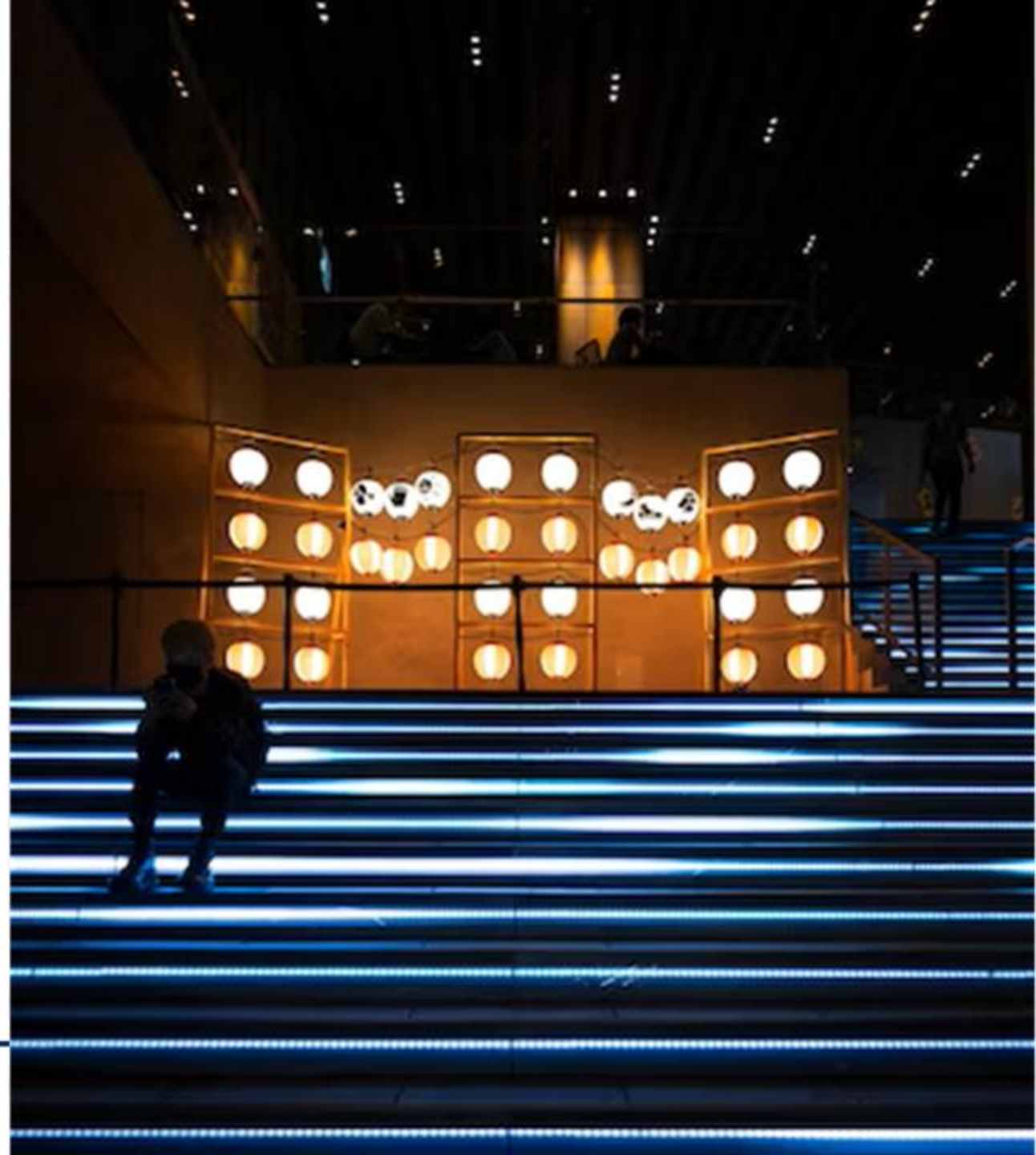
- University Gallery, exhibition spaces in the Cieszyn Campus,
- Virtual International Gallery – VIR, external and internal infographic system





SPACE FOR EXPERIMENTS AND PERFORMING ARTS

- Stage space with audience
- Space for music and animation





SPACE FOR INTERDISCIPLINARY STUDIES ON CULTURE AND EDUCATION

- Space for multimedia presentation of research in humanities and social sciences in designing interactive solutions and in designing products and services, using the Human Centered Design and UX Research approach.
- The main areas of activities will concern broadly understood culture and education using new VR and AR technologies.





International academic organizations membership

- EUA – European University Association
- AUF – Agence Universitaire de la Francophonie
- EUNIS – European University Information Systems
- EUPRIO – European Association of Communication Professionals in Higher Education
- ELFA – European Law Faculties Association
- EUSEA – European Science Engagement Association
- EUCUNET – European Children’s Universities Network



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