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CEGROUP
CREATIVE
ENGINEERS

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We are a company that provides a comprehensive investment service concerning the following types of design:



Heat sources
(including non-conventional)



Heating systems



Ventilation and air-conditioning
systems



Water and sewage systems
and networks



Electrical systems



Low-current systems



Road development



Cost estimates

Our areas of expertise include:

BIM

Thanks to the experience gained in BIM based design, we are able to develop most projects in our studio using this methodology.

LEED BREEAM

We have extensive experience in sustainable construction, which has been confirmed by high level BREEAM and LEED scores achieved by our projects.

In addition to the great care with which we conduct our work, we also have a number of unique qualities on our market, which we have described below.

01 DESIGNING TO SUSTAINABLE CONSTRUCTION STANDARD

Our experience in sustainable construction is confirmed by high BREEAM and LEED ratings achieved by our projects.

In our work, we pay special attention to the future energy performance of buildings. Thanks to the fact that our studio is a multi-disciplinary operation, we are able to control energy wherever it will be used in the future.

02 USING INNOVATIVE 3D DESIGN TECHNOLOGIES

We began using BIM methodology in our projects as early already in 2012. Today, we have developed our BIM processes well beyond 3D mapping.

Thanks to the standards developed over a number of years, BIM has become an effective tool we apply to the highest possible extent.

03 DESIGN PROCESS MANAGEMENT SYSTEM

Thanks to a continuously improved IT system created for our needs, we are able to achieve ongoing control of the entire design process. This gives our customers a greater confidence that we will be able to meet the deadlines and keep an eye on day-to-day progress.

Every venture has its own unique story, and we present ours below.

2002

In 2002, the company RAD-PROJEKT Radosław Radziecki is established, which is initially a one-man operation, and is joined by additional employees in 2004. The company specialises in designing heating and ventilation systems. Nearly parallel, in 2003, the company Q-ER Piotr Kurzbauer is created with the purpose of designing water and sewage networks and systems. Thanks to their related fields of activity, RAD-PROJEKT and Q-ER complement each other and work together on all projects.

2009

2009 sees the merger of three complementary companies and the creation of the CEGROUP engineering studio, whose activity covers all sanitary and electrical disciplines.

2010

A well-coordinated team of specialists is formed, ensuring superb internal communication and comprehensive services. In 2010, Our scope of activity is extended to include road engineering. Thanks to this, our professionals are able to work jointly, so that the customer is no longer required to outsource any work. Such coordination of projects is beneficial for both ourselves and our clients. This approach ensures that designs are largely created within the same company, which simplifies and accelerates the flow of ideas and information.

2011

The Green Horizon office building is our first LEED-rated project. Our designers are actively involved in preparing documentation for the certification process, and gain experience in sustainable construction practices.

2012

The Green Horizon office building project is our first project to utilise BIM technology, which we used to coordinate the very complex multi-disciplinary systems on the roof of the building. The experience thus gained is used in subsequent projects, where we continue to implement BIM on a broader scale.

2015

The KTW office building is our first high-rise project (135m).

2018

The Cogiteon Lesser Poland Science Centre project is one of the first designs on the Polish market using BIM up to 7D.

Now

The company currently has 50 full-time engineers. The majority of them are professionals who have been working in the company since its early days, and are its core assets. Thanks to their constant advancement, our projects enjoy an increasing recognition among our clients. The core of the company is made up of long-term employees who, in our current company structure, are leaders of individual studios.

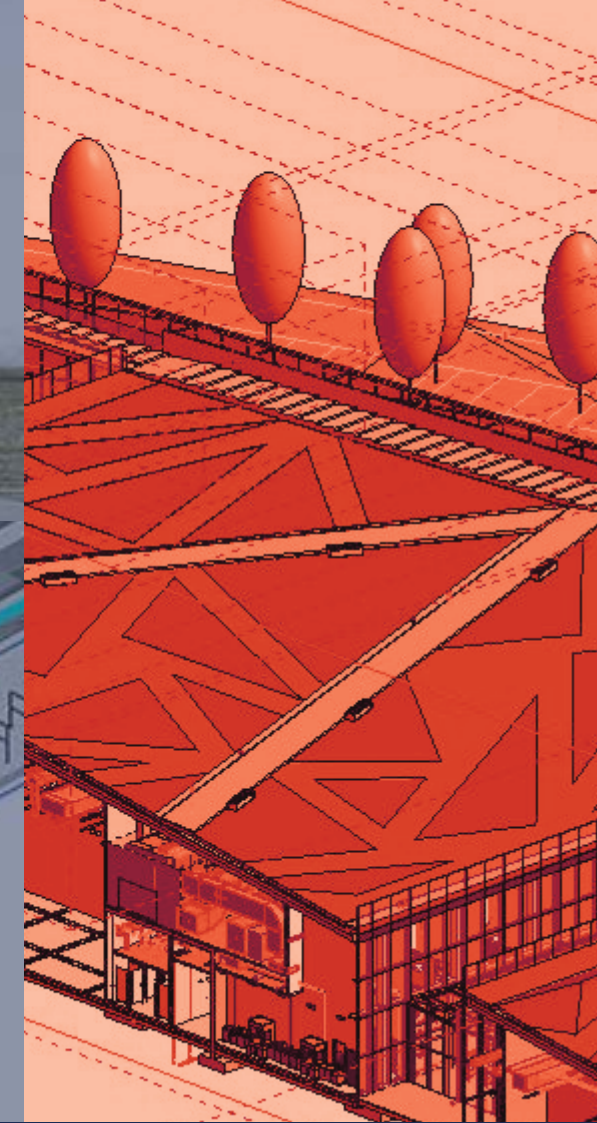
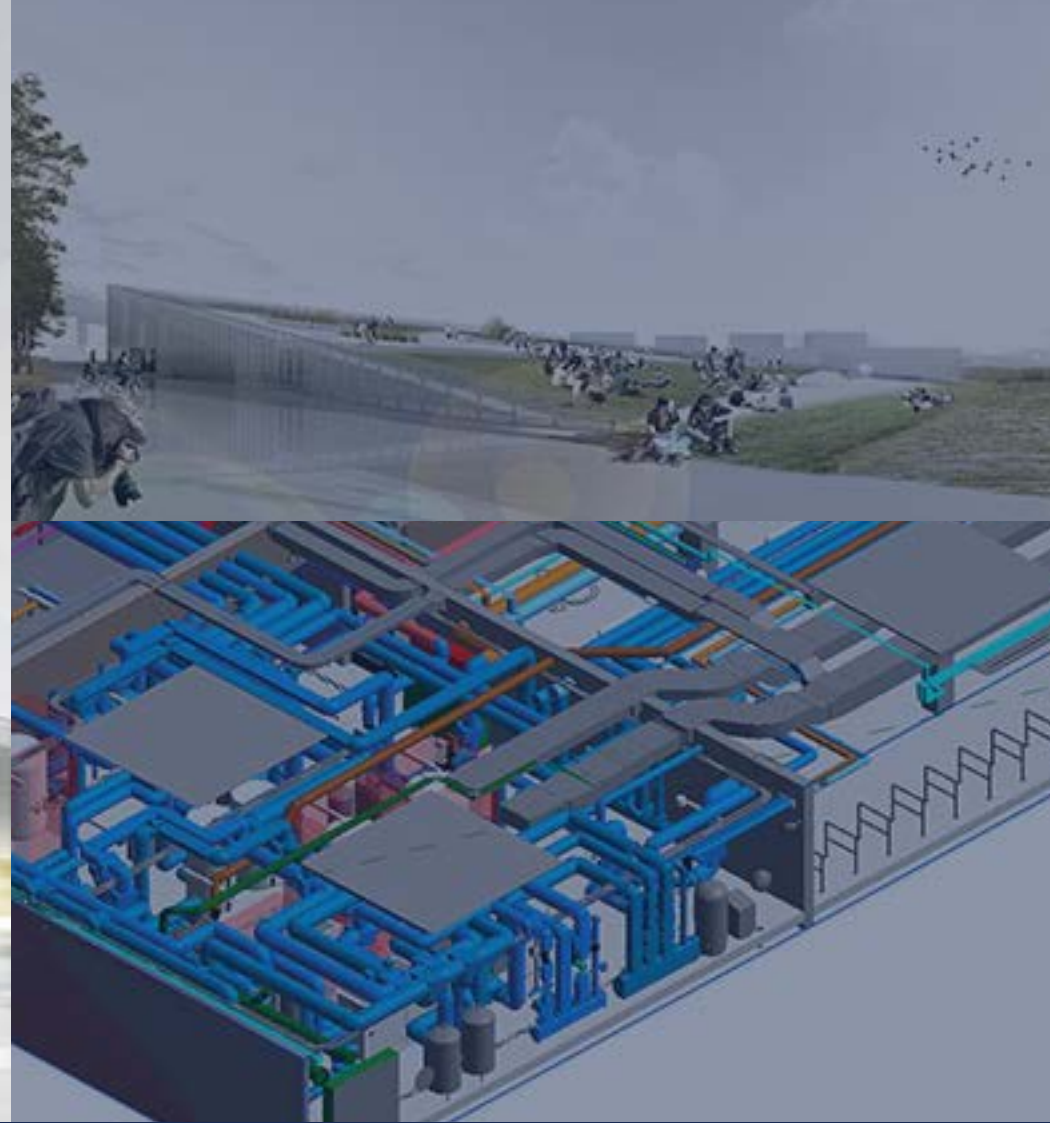


KTW OFFICE BUILDING, KATOWICE

The building was designed with the Medusagroup LLC architectural studio. The total floor area of the building is approximately 100 thousand sq.m. and the height is 135m. Our contribution to the project involved the design of a heating substation, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems. The building is expected to achieve a 'Very Good' BREEAM rating.

Address: Roździeńskiego Street, Katowice.

Stage 1 of the project completed in 2018, Stage 2 completed in 2021.



COGITEON LESSER POLAND SCIENCE CENTRE

The building was designed with the architectural office Heinle, Wischer und Partner Architects LLC. The total floor area of the building is approximately 20,000 sq.m.. Our contribution to the project involved the design of a heat and cooling source based on a heat pump system working with an ice tank, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks. It will be one of Poland's first buildings to be constructed as part of a public procurement procedure designed using the BIM 7D methodology. The building will feature a large ice tank, which will double as an energy storage facility.

Address: Bora-Komorowskiego Street, Kraków.



CITY GATE OFFICE BUILDING, ŁÓDŹ

The building was designed in conjunction with the Medusagroup LLC architectural office. The total floor area of the building is approximately 61,000 sq.m.. Our contribution to the project involved the designs of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, electrical and low-current systems. A 'Gold' LEED rating is expected for this project.

Address: Kilińskiego Street, Łódź. Project completed in 2020.



MARSHAL'S HALL, KRAKÓW

The building was designed jointly with the Horizone Studio Darasz Kisielewski Strzeński GP, and the Małecy design studio, while green solutions were consulted by Visio Architects and Consultants. The total floor area of the building is approximately 47 thousand sq.m.. Our contribution to the project involved the design of a trigeneration-based heat and cooling source, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, and water and sewage systems and networks. It will be Poland's first public administration building to achieve an 'Excellent' BEEAM rating.

Address: Powstania Warszawskiego Avenue, Kraków.



DOMINICAN OFFICE BUILDING, WROCŁAW

The building was designed in conjunction with the Medusagroup LLC architectural studio. Its total floor area is approximately 71,000 sq.m. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, electrical and low-current systems. The building has achieved a 'Platinum' LEED rating.

Address: Dominikański Square, Wrocław. Project completed in 2015.



PRZEŁOMY MUSEUM

The building was designed jointly with the KWK Promes Robert Konieczny architectural studio. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, electrical and low-current systems, and road development. The building received the World Building of the Year award at the World Architecture Festival 2016 and the best public space in Europe at the European Prize for Urban Public Space.

Address: Solidarności Square, Szczecin. Project completed in 2014.



KAPELANKA 42 OFFICE BUILDING

The building was designed in conjunction with the Medusagroup LCC architectural studio. Its total floor area is approximately 61,000 sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems. The building has achieved a 'Gold' LEED rating.

Address: 40 Kapelanka Street, Kraków. Project completed in 2014.



GREEN HORIZON OFFICE BUILDING

The building was designed jointly with the Medusagroup LLC architectural studio. Its total floor area is approximately 61 thousand sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems. The building has achieved a 'Gold' LEED rating.

Address: 106 Pomorska Street, Łódź. Project completed in 2013.



DĄBROWA BASIN SPORTS PARK

The building complex including land improvements was designed jointly with the JSK architectural studio. The surface area of the grounds covered by the project is 173,000 sq.m.. The sports complex consists of three buildings: a football stadium, an ice rink hall and a sports hall. Our contribution to the project involved the design a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, electrical and low-current systems, as well as car parks and roads.

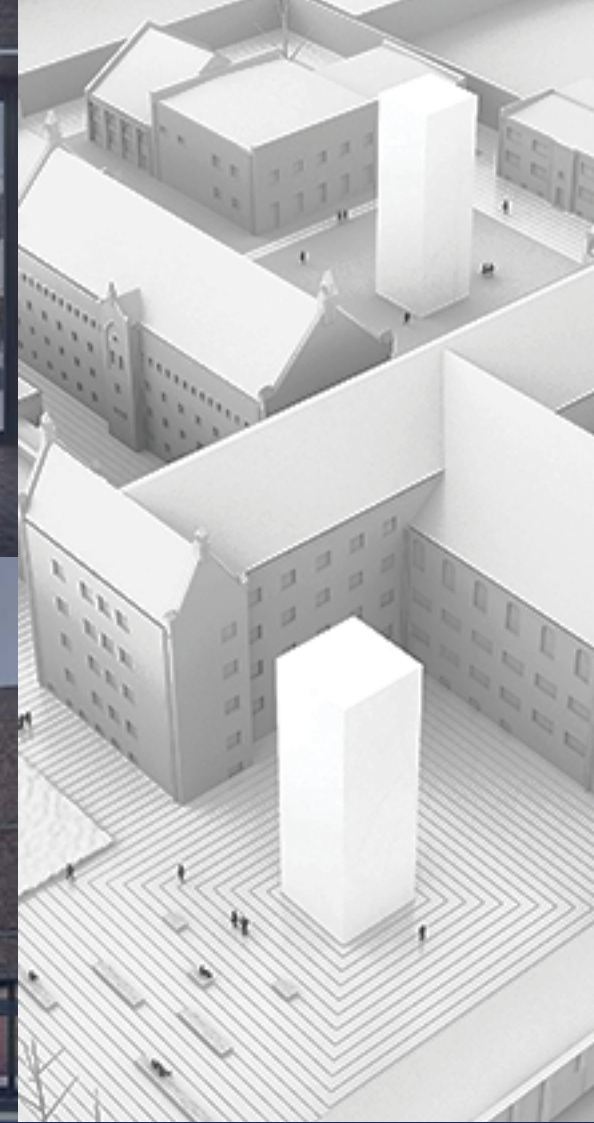
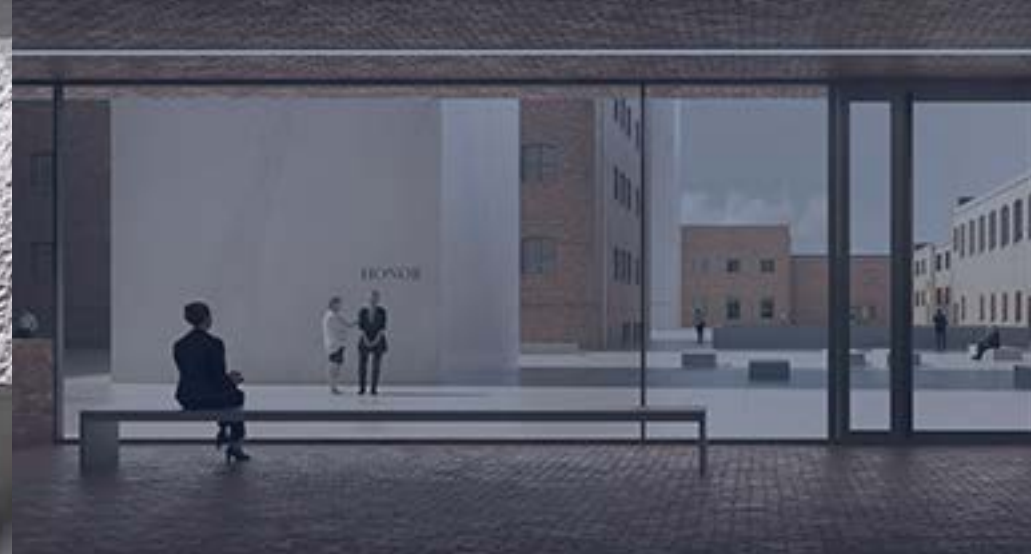
Address: Blachnickiego Street, Sosnowiec



GKS KATOWICE STADIUM

The building complex including land improvements was designed jointly with the RS Architekci LLC architectural studio. The sports complex consists of a football stadium, a sports hall and training pitches. Our contribution to the project involved the design of a boiler room, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, electrical and low-current installations, as well as car parks and roads.

Address: Załęska Hałda Street, Katowice.



MUSEUM OF CURSED SOLDIERS AND POLITICAL PRISONERS OF THE POLISH PEOPLE'S REPUBLIC

The museum buildings were designed jointly with the M.O.C. Architekci architectural studio. Their total usable floor area is approximately 20,000 sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems.

Address: 37 Rakowiecka Street, Warsaw.



FACULTY OF RADIO AND TELEVISION, UNIVERSITY OF SILESIA

The building was designed with the Spanish architectural office BAAS, GROUP 5 Architekci LLC, and MAŁECCY Design Studio. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems.

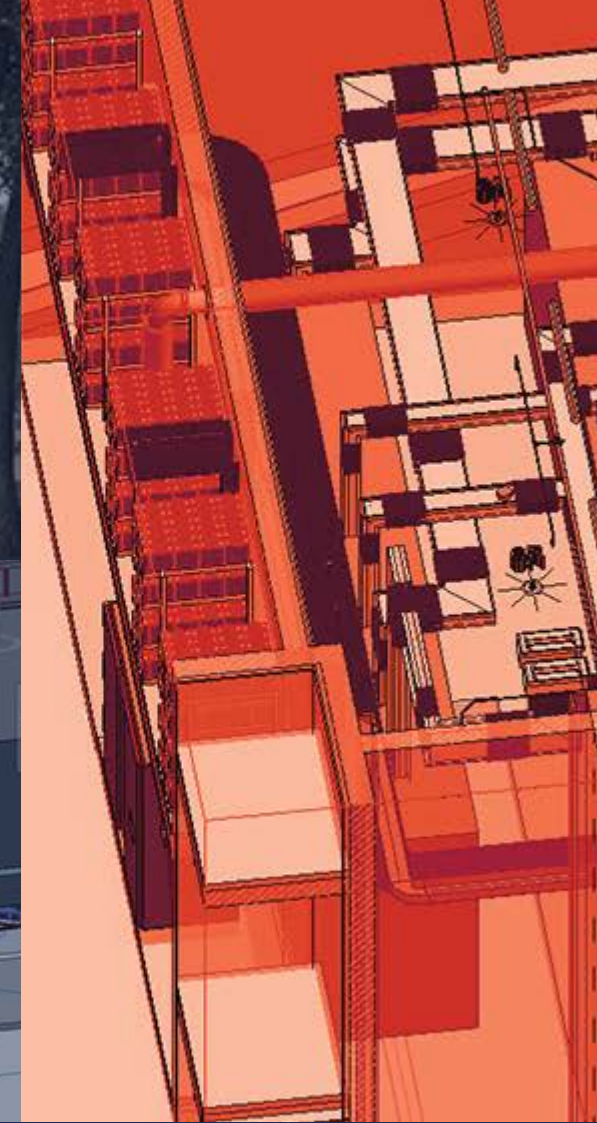
Address: Św. Pawła Street, Katowice. Project completed in 2017.



AKADEMEIA HIGH SCHOOL

The secondary school building was designed in conjunction with the Medusagroup LLC architectural studio. The total lettable area of the building is approximately 5,000 sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems. The project has achieved a 'Platinum' LEED rating.

Address: 2 Świętej Urszuli Ledóchowskiej Street, Warsaw Wilanów. Project completed in 2017.



STOS COMPUTER CENTRE

The STOS computer centre building for the Gdańsk University of Technology was designed jointly with the Arch-deco LLC architectural office. The building consists of a server room with 4 MW of electrical power and a teaching building. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems. A TIER 3 certificate with elements of TIER 4 is expected for this project.

Address: Traugutta Street, Gdańsk.



NOBU HOTEL

The 5-star hotel building was designed in conjunction with the Medusagroup architectural studio. The building has a usable floor area of approximately 12,000 sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water, as well as sewage systems and networks. The project is expected to achieve a 'Gold' LEED rating.

Address: Wilcza Street, Warsaw. Project under construction.



BALTIC PARK MOLO HOTEL, ŚWINOUJŚCIE

The five-star hotel building along with a water park was designed jointly with the Piotr Płaskowicki&Partners Architekci architectural studio. The usable floor area of the building is approximately 45,000 sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems. A 'Gold' LEED rating is expected for this project.

Address: Baltic Park Molo, Świnoujście. Project completed in 2017.



BANIA HOTEL

An extension of the hotel to contain a conference centre was designed jointly with the ETC Architekci architectural studio. The total usable floor area of the building is approximately 20,000 sq.m.. Our contribution to the project involved the design of a heat station based on geothermal water pumps as a lower source, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems.

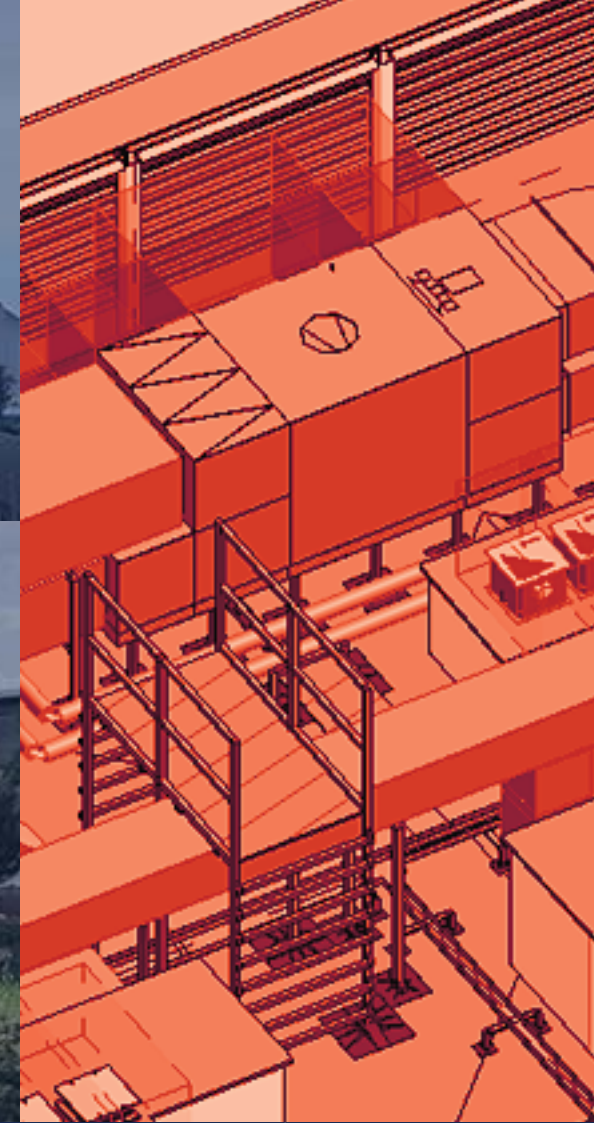
Address: Białka Tatrzańska. Project completed in 2019.



ZATOR HOTEL

The hotel building was designed jointly with the ETC Architekci architectural studio. The usable floor area of the building is approximately 12,000 sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems.

Address: Energylandia, Zator.



BASECAMP HALL OF RESIDENCE, KATOWICE

The hall of residence was designed with the Arch-deco architectural studio. The usable floor area of the building is approximately 15,000 sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, as well as water and sewage systems and networks.

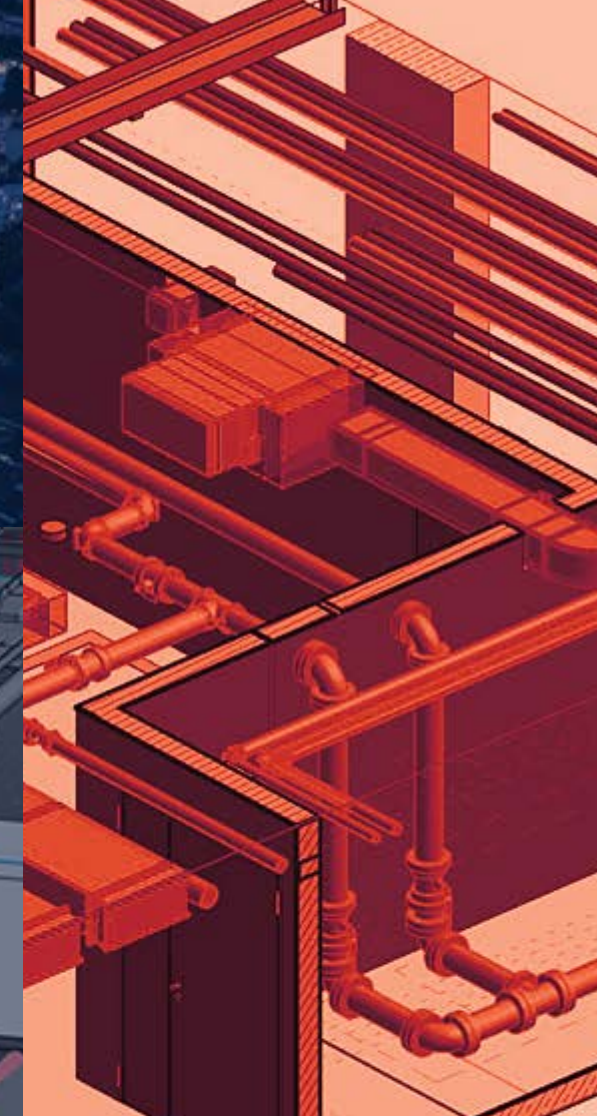
Address: 45 Warszawska Street, Katowice.



SZWAJCARIA BAŁTOWSKA HOTEL, BAŁTÓW

The 4-star hotel building with a water park was designed with the ETC Architects architectural studio. The usable floor area of the building is approximately 55,000 sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems.

Address: Bałtów.



WAVE OFFICE BUILDING

The building was designed in conjunction with the Medusagroup LLC architectural studio. The total lettable area of the building is approximately 48,000 sq.m.. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems. The building is striving for a 'Gold' LEED rating.

Address: 343 Grunwaldzka Street, Gdańsk. Project completed in 2020.



SILESIA FOR BUSINESS OFFICE BUILDING

The building was designed with USZOK Architectural Studio. Total floor area of the building approximately 47,000 sq.m. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems. The building is striving for an 'Excellent' BREEAM rating.

Address: 109 Chorzowska Street, Katowice. Project under construction.



TEXTORIAL OFFICE BUILDING

The building was designed jointly with the Horzone Studio Darasz Kisielewski Strzeński GP architectural office. The total lettable area of the building is approximately 26,000 sq.m.. Our contribution to the project involved the design of a heat and cooling source, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, as well as water and sewage systems and networks. The project is expected to achieve an 'Excellent' BEEAM rating.

Address: Tymienieckiego Street, Łódź.



DOMANIEWSKA 45 OFFICE BUILDING

The building was designed with the AB-PROJEKT LLC architectural office of Tychy. The total floor area of the building is approximately 15,000 sq.m. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, water and sewage systems and networks, as well as electrical and low-current systems. In this particular building we used a very innovative cooling and heating system. Thanks to these solutions we have achieved a significant reduction in operating costs.

Address: 45 Domaniewska Street, Warsaw. Project completed in 2014.



HOSPITAL IN CEGLANA STREET, KATOWICE

The building was designed in conjunction with the UCEES architectural studio of Kraków. The total floor area of the buildings is approximately 25,000 sq.m. Our contribution to the project involved the design of a boiler room, a central heating system, mechanical ventilation, air-conditioning, fire ventilation, electrical and low-current systems and networks, water and sewage systems and networks, as well as roads.

Project completed in 2018.



GARDEN SHOPPING CENTRE

The project was carried out with the ESA LLC architectural office of Katowice. The building has a total floor area of approximately 100,000 sq.m. Our contribution to the project involved the design of a heat station, a central heating system, mechanical ventilation, air-conditioning, fire-fighting system, water supply system, electrical and low-current system, fire ventilation, BMS, water and sewage systems, central heating, electrical and low-current systems, as well as roads and traffic organisation.

Project completed in 2015.



SILESIA UNIVERSITY OF TECHNOLOGY

The project aimed at reducing carbon dioxide emissions from the buildings used by the Silesian University of Technology. Our contribution to the project involved the design of among others, a large 500 kWp PV facility and a 120 kW heat pump unit. The project received financial support from Norway and Liechtenstein via the EEA Grants. Project completed in 2017.

Address: 18 Konarskiego Street, 16 Akademicka Street, Gliwice.

01 HOUSING ESTATE IN GILARSKA STREET, WARSAW

A complete package of network and system designs for a housing estate in Gilarska Street, Warsaw.
Approximately 41,000 sq.m. of total residential floor area.

02 HOUSING ESTATE IN DOLNOBRZESKA STREET, WROCŁAW

A complete package of network and system designs for the TBS Wrocław housing estate in Dolnobrzeska Street, Wrocław. Approximately 900 flats.

03 HOUSING ESTATE IN OSTRAWSKA STREET, KATOWICE

A complete package of network and system designs for a housing estate in Ostrawska Street, Katowice.
Approximately 19,000 sq.m. of total residential floor area.

04 HOUSING ESTATE IN KATOWICKA STREET, KRAKÓW

A complete package of network and system designs for a housing estate in Katowicka Street, Kraków.
Approximately 20,000 sq.m. of total residential floor area.

05 HOUSING ESTATE IN MINSKA STREET, WARSAW

A complete package of network and system designs for a housing estate in Mińska Street, Warsaw.
Approximately 17,000 sq.m. of total residential floor area.

06 HOUSING ESTATE IN LUBICZ STREET, KRAKÓW

A complete package of network and system designs for a housing estate in Lubicz Street, Kraków.
Approximately 20,000 sq.m. of total residential floor area.

07 HOUSING ESTATE IN OSTROROGA STREET, WARSAW

A complete package of network and system designs for a housing estate in Ostroroga Street, Warsaw.
Approximately 11,000 sq.m. of total residential floor area.

08 HOUSING ESTATE IN STELLA SAWICKIEGO STREET, KRAKÓW

A complete package of network and system designs for a housing estate in Stella Sawickiego Street, Kraków. Approximately 9,000 sq.m. of total residential floor area.

09 HOUSING ESTATE IN BAŃGOWSKA STREET, KATOWICE

A complete package of network and system designs for a housing estate of single and multi-family houses in Bańgowska Street, Siemianowice Śląskie. Total surface area 10 ha.

10 HOUSING ESTATE IN ŻYWIECKA STREET, ZABRZE

A complete package of network and system designs for a TBS (Social Housing Association) housing estate in Żywiecka Street, Zabrze. 15 multi-family buildings with land improvements.

11 HOUSING ESTATE IN OTRĘBUSY NEAR WARSAW

A complete package of network and system designs for a housing estate in Otrębusy near Warsaw.
200 single-family buildings and 10 multi-family buildings with land improvements.

12 HOUSING ESTATE IN GILARSKA STREET, WARSAW

A complete package of network and system designs for a housing estate in Sandacza Street, Katowice. 30 single-family buildings with land improvements.

13 TYSIĄCLECIA HOUSING ESTATE, KATOWICE

A complete package of network and system designs for three 20-storey multi-family buildings in Tysiąclecia Housing Estate, Katowice.

14 HOUSING ESTATE IN WIDOK STREET, KATOWICE

A complete package of network and system designs for a luxury apartment estate in Widok Street, Katowice. Approximately 3,000 sq.m. of total residential floor area.

15 HOUSING ESTATE IN KRZYWOUSTEGO STREET, WROCŁAW

A complete package of network and system designs for a housing estate in Krzywoustego Street, Wrocław. Approximately 2,500 sq.m. of total residential floor area.

16 HOUSING ESTATE IN STRZELNICZA STREET, GLIWICE

Komplet projektów sieci i instalacji dla osiedla TBS przy ul. Strzelniczej w Gliwicach. 7 budynków wielorodzinnych wraz z zagospodarowaniem.

17 HOUSING ESTATE IN ARMII KRAJOWEJ STREET, BIELSKO-BIAŁA

A complete package of network and system designs for a housing estate in Armii Krajowej Street, Bielsko-Biała. 22 single-family buildings and 3 multi-family buildings with land improvements.

18 PLANTY ŚLĄSKIE HOUSING ESTATE, CHORZÓW

A complete package of network and system designs for the Planty Śląskie housing estate in Chorzów. 35 single-family buildings with land improvements.

19 HOUSING ESTATE IN KRZEMIENNA STREET, KATOWICE

A complete package of network and system designs for a housing estate in Krzemienna Street, Katowice. 20 multi-family buildings with land improvements.

20 VILLA PARK HOUSING ESTATE, KATOWICE

A complete package of network and system designs for the Villa Park housing estate in Tymiankowa Street, Katowice. 22 single-family buildings with land improvements.

21 APARTAMENTY SŁONECZNE HOUSING ESTATE, SOSNOWIEC

A complete package of network and system designs for the Apartamenty Słoneczne housing estate in Klimontowska Street, Sosnowiec. Approximately 10,000 sq.m. of total residential floor area.