



PRESSGLASS
LEADING IN EUROPE

SUSTAINABLE
DEVELOPMENT



GLASS IS THE MAIN BUILDING MATERIAL OF SUSTAINABLE ARCHITECTURE

Arkadiusz Muś
President of the Management Board

Glass is the main building material of sustainable infrastructure. No modern building is complete without modern windows and glass facades. Thanks to this dependency, we are becoming one of the main stakeholders in green building.

We spend most of our time in buildings – we live, work and rest in them. The world is changing before our eyes. Urbanisation, energy requirements, climate change – we have to constantly adapt to a dynamic reality. Beautiful places make for a more beautiful life and work. Europe and North America are on the threshold of a green revolution in which glass and other modern materials will play a key role. Press Glass is prepared to be a part of this process, as glass undoubtedly has a great future. As a company that is modern and aware of the progressive changes in society, we also want to contribute to shaping a better, civil society that understands that building a modern and efficient economy requires the development and commitment of each and every one of us. I am convinced that the pursuit of an increase in living standards should take place through investments in the development of enterprise and civil education, also understood as responsibility for the condition of the country. That is why I created the Economic Freedom Foundation. Through its activities, it supports valuable initiatives in four areas: economic freedom, education for the future, the rule of law, and Poland in the European Union. In addition to freedom and the free market, a community of values such as honesty, commitment, respect, trust, and discipline is needed to create a successful enterprise. We build our company's reputation on them every day.



STRATEGIC POINTS OF OUR ACTIVITY



Tomasz Wozowicz
Vice President of the Management Board,
CEO

Press Glass has been directing its activities towards sustainable development for many years. By implementing the latest technological solutions, we are able to meet the expectations and needs of our customers. We supply energy-saving products that make maximum use of natural light. We are responsible for ensuring that buildings create an environment that is as friendly as possible for life, work, and development.

Transparency of activities is one of our core values. For this reason, we have opted for environmental reporting according to the best global standards. The data about Press Glass can be found in the international CDP database, which includes, among other things, information on carbon dioxide emissions. The carbon footprint of Press Glass was calculated using the Greenhouse Gas Protocol, enabling us to fully control and monitor the sources of greenhouse gas emissions emitted by our production facilities. The new Press Glass facilities, which are scheduled to be operational between 2023 and 2026, will be low-carbon sites, partly due to the use of renewable energy sources.

At our existing facilities, we are carrying out emissions reduction measures through the installation of renewable energy installations and the implementation of a circular economy strategy.

Press Glass is constantly expanding its product range to meet the needs of the market. Architects are designing larger and larger glazing with advanced compositions. As a result, there is an increasing demand for high-quality glazing units as a major component of modern windows, such as laminated safety glass or those that reduce noise levels in rooms.

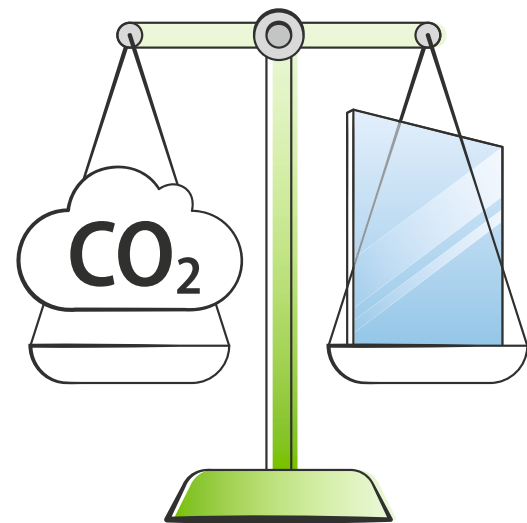
We are confident that we are contributing to real changes to protect the environment through our policies and the implementation of appropriate measures.

Achieving climate neutrality is the main objective of European countries.

It relies on the implementation of the European Green Deal, a strategy to transform Europe into a modern, responsible and competitive economy. One of the fundamental measures implemented is to separate the concept of economic development from the consumption of natural resources, i.e. to move away from

the popular linear model used since the industrial revolution. In a linear economy, primary raw materials are extracted and then processed into final products by subsequent companies. The opposite of such a scheme is the circular economy, a concept that takes into account all stages of a product's life cycle – from design, production, exploitation, waste generation to waste management.

THE AMOUNT OF CARBON DIOXIDE EMITTED DURING THE PRODUCTION OF ENERGY-SAVING GLASS IS OFFSET BETWEEN 5 AND 18 MONTHS



SUSTAINABLE CONSTRUCTION

The sustainable construction aspect, aimed to make windows better insulated, is key today, as a large part of today's buildings will still be in use in 2050. The average thermal insulation of windows in buildings in Europe is estimated to be $U_w=3.4 \text{ W/(m}^2\text{K)}^*$. This value corresponds to the ratio of single glass and uncoated double glass, which were the two mainstream products in the 1960s and 1970s, respectively.

CURRENT AVERAGE THERMAL INSULATION U_w OF THE WINDOWS IN EUROPEAN BUILDINGS

$U_w \sim 3,4 \text{ W/(m}^2\text{K)}^*$



single glass
 $U_g=5,7 \text{ W/(m}^2\text{K)}$

double glass
 $U_g=2,6 \text{ W/(m}^2\text{K)}$

* COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE EUROPEAN COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE, THE EUROPEAN COMMITTEE OF THE REGIONS AND THE EUROPEAN INVESTMENT BANK „A Clean Planet for All“.



Today's technology allows the production of windows with incomparably better parameters of transmittance and thermal insulation with the values of $U_w < 1.0 \text{ W/(m}^2\text{K)}$. Achieving such a ratio makes it possible to design and modernise nearly-zero-energy buildings.

The return on investment time in terms of carbon emissions when replacing low-E (low emission) double-glass windows with low-E triple-glass windows depends on the climate, the efficiency of the heating or cooling system and the energy conversion rate.

WINDOW THERMAL INSULATION USING MODERN TECHNOLOGY

$U_w < 1,0 \text{ W/(m}^2\text{K)}^*$



triple glass

* using triple glass with $U_g = 0,5 \text{ W/(m}^2\text{K)}$



PRESS GLASS WAS FOUNDED IN 1991.
WE PROCESS GLASS FOR MANUFACTURERS
OF WINDOW AND DOOR JOINERY, FACADES,
GLAZING AND INTERIOR GLASS CONSTRUCTIONS.

In 2001, we entered foreign markets with our sales.
In 2015, a plant was established in Croatia, we also
acquired four factories in the UK.
In 2017, we started production in the United States
and acquired two more factories in the UK.
In 2020, production began at our second facility
in the United States.
In 2022, a factory in Lithuania started operations.
We also plan to start building a facility in Wales in 2023.
Another investment in Poland is in the design phase.



5004

TOTAL NUMBER
OF EMPLOYEES

29

NUMBER OF FOREIGN
MARKETS SERVED

218.000 m²

TOTAL
PRODUCTION AREA

15

NUMBER
OF FACILITIES

3

NEW FACILITIES
PLANNED
(2023-2026)

13 mln m²

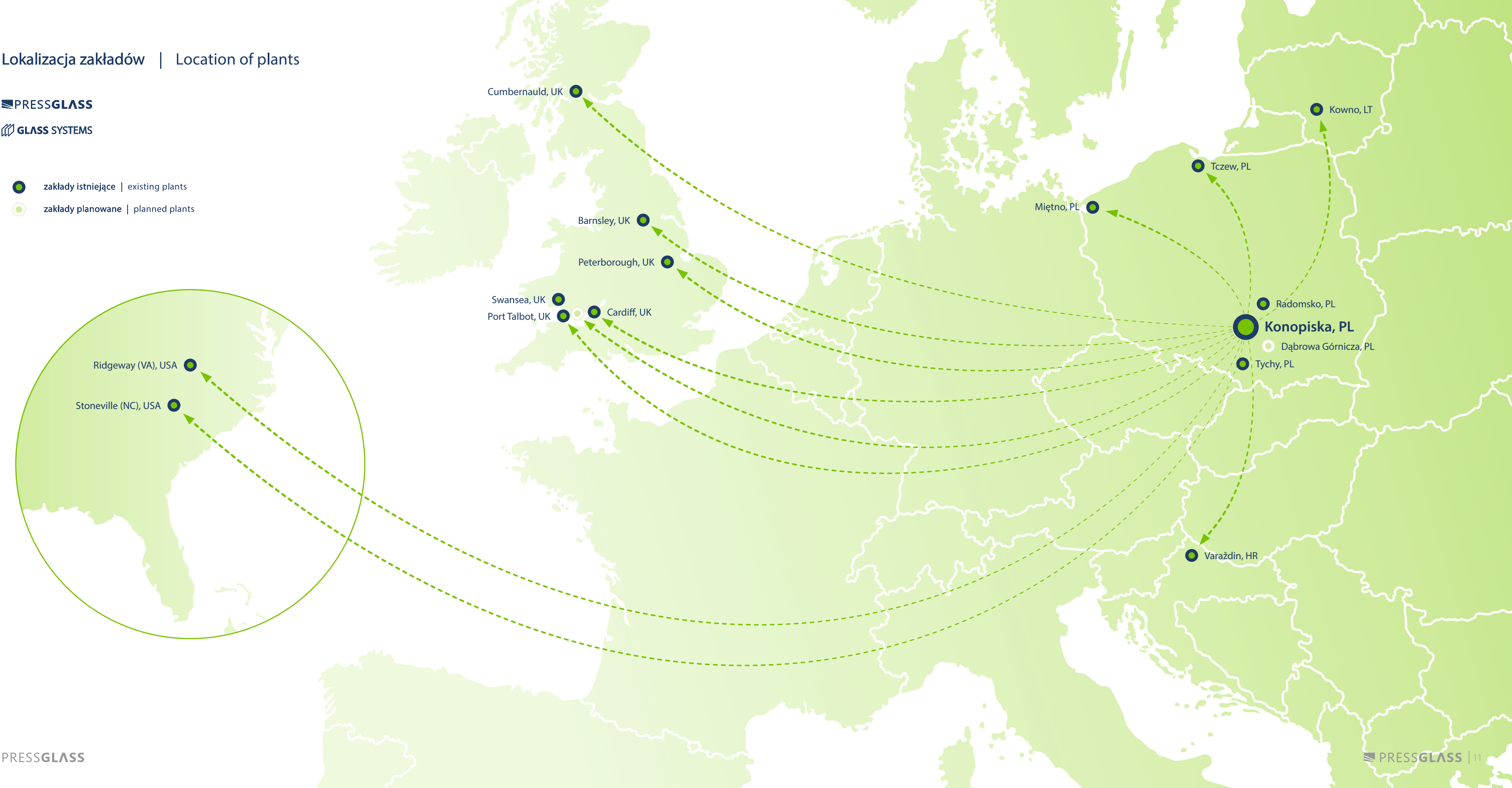
PRODUCTION
POTENTIAL
(2022)

Lokalizacja zakładów | Location of plants

 PRESSGLASS

 GLASS SYSTEMS

-  zakłady istniejące | existing plants
-  zakłady planowane | planned plants





2030 Agenda for Sustainable Development has been accepted by all 193 UN member states.
It contains 17 sustainable development goals divided into 5 areas:
people, planet, prosperity, peace and partnership.



THROUGH ITS ACTIVITIES, PRESS GLASS SUPPORTS THE FOLLOWING SUSTAINABLE DEVELOPMENT GOALS:

- GOAL 3:** Ensure healthy lives and promote well-being for all at all ages
- GOAL 4:** Ensure quality education and promote lifelong learning opportunities for all
- GOAL 8:** Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
- GOAL 9:** Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation
- GOAL 11:** Make cities and human settlements inclusive, safe, resilient and sustainable
- GOAL 12:** Ensure sustainable consumption and production patterns
- GOAL 13:** Take urgent action to combat climate change and its impacts
- GOAL 17:** Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

OUR VALUES

CODE OF CONDUCT

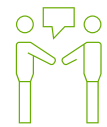
It is our responsibility as an employer, employee and our corporate accountability to act in accordance with Press Glass' values, which are very important to us. We are committed to putting them into practice in

our daily relations with our employees and business partners. We want those who work with us to share our values.



RESPECT

We are convinced that open and honest communication based on respect contributes to the best results.
We care for effective exchange of information, which affects the atmosphere of cooperation and development opportunities.



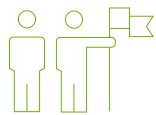
HONESTY

We believe that by being honest with our employees and business partners, we are building a company focused on quality and reliability. Our actions are legal and based on transparent terms of cooperation.



COMMITMENT

In our daily work we show initiative and openness to new ideas.
We value simplicity and uncomplicated solutions.
We act with passion and set new directions of development.



TRUST

We are convinced that we work most effectively in an atmosphere of mutual trust. It is important for us to feel safe because we believe that together we can do more.



DISCIPLINE

We consistently strive to achieve our common goals.
We believe that courage in making decisions builds cooperation and supports creative initiatives.



30 YEARS OF CONTINUOUS COMMITMENT TO RESPONSIBLE PRODUCTION

Continuously for 30 years, we have focused on responsible production to ensure the highest quality of the products on offer. The equal role of quality, development and responsible production

has guaranteed Press Glass its position as a European leader in the glazed units market. With our activities, we respond to the needs of our customers, the market, and the environment.



OUR ATTRIBUTES:

- ✓

PRODUCTION POTENTIAL
We operate modern production facilities, located in different parts of Europe, which allows us to minimise delivery times and distances to our customers.
- ✓

MODERN LOGISTICS
We have developed an optimised product loading system to maximise the use and diversification of the transport fleet.
- ✓

CONTINUOUS DEVELOPMENT
The continuous development of our manufacturing base, sales markets, and growing competencies result in even better service and a wide range of products at higher and higher quality.
- ✓

BEST QUALITY
We are a partner of brand-name window manufacturers, where increased product quality is a prerequisite for cooperation.
- ✓

TECHNOLOGICAL ADVANTAGE
We use state-of-the-art equipment. We are constantly increasing and modernising our machine park. We participate in testing and implementing new technologies.
- ✓

WIDE ASSORTMENT
We are a financially and organisationally independent company, thanks to which we offer products from all of the largest producers of flat glass.
- ✓

COOPERATIVE POTENTIAL
Many years of market experience of our customers confirm that our business is based on building long-term mutual relationships.
- ✓

INDIVIDUAL CUSTOMER SUPPORT
Together with our Customers, we build a custom, long-term cooperation model that is satisfying for both parties.





OUR ATTRIBUTES ARE REFLECTED IN THE FOLLOWING DOCUMENTS:

Documents created by us guarantee our employees, customers and suppliers the highest quality of implementation of ESG factors, i.e. good practices in the field of environment, social responsibility, and corporate governance. This allows us to have sustainable and responsible funding that takes into account all of these areas.

- ✓ CODE OF CONDUCT
- ✓ ANTI-MOBGING POLICY
- ✓ CODE OF QUALITY
- ✓ ENVIRONMENTAL POLICY
- ✓ TRAINING POLICY
- ✓ OCCUPATIONAL HEALTH AND SAFETY POLICY
- ✓ CLIMATE POLICY



ENVIRONMENTAL AND SOCIAL RESPONSIBILITY

Transparency of activities is one of our core values. For this reason, we have opted for environmental reporting according to the best global standards.

Since July 26, 2021, we have been listed in the international CDP database, which takes into account, among other things, information on greenhouse gas emissions. The CDP (formerly the Carbon Disclosure Project) is an international non-profit organisation that helps companies, cities, and countries identify their environmental impact.

The carbon footprint of Press Glass was calculated using the Greenhouse Gas Protocol, enabling us to fully control and monitor the sources of greenhouse gas emissions emitted by our production facilities.





QUALITY AND PRODUCT SAFETY MANAGEMENT

Our products are adapted to the requirements of European and North American regulations in force in respective countries and individual arrangements with the customers. The entire European product range meets the requirements of CE and UKCA marking, and the American offer meets the ASTM guidelines. All Press Glass plants are covered by the ISO 9001 integrated quality management system.

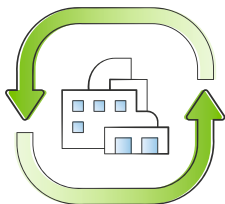


SUSTAINABILITY MATTERS
EMISSION NEUTRALITY

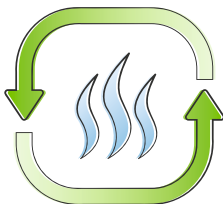
The new Press Glass facilities, which are scheduled to be operational between 2023 and 2026, will be low-carbon sites due to the combined use of wind and solar energy.

We start the changes with ourselves, implementing the rules of the closed-loop economy and monitoring the life cycle of our glass units. We create a responsible future that is friendly to our customers, employees, and the environment.

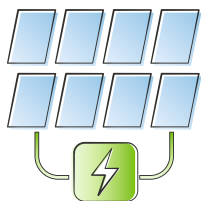
Cooperation between stakeholders is an integral part of responsible resource management. To create a responsible business, we are in continuous contact with our suppliers and customers, both domestic and foreign. Together, we set the directions for development and discuss climate strategies. In doing so, we aim to involve all stakeholders as much as possible in the creation of a sustainable supply chain.



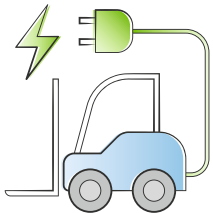
IMPLEMENTATION
OF THE CIRCULAR
ECONOMY STRATEGY



RECOVERY OF HEAT
ENERGY GENERATED
BY TEMPERING FURNACES



INSTALLATION OF RENEWABLE
ENERGY SOURCES
ON THE PREMISES OF THE PLANTS



ELECTRIC FORKLIFTS
AND ELECTRIC VEHICLES

FOR 30 YEARS, WE HAVE BEEN
IMPROVING PRODUCTION
PROCESSES AND CREATING
PRODUCTS FOR CLIMATE
NEUTRAL CONSTRUCTION





SPORT AND SUPPORT



Behind the concept of the “Run and Support” campaign, which was created as an employee initiative at the end of 2014, is an idea combining the desire to promote an active lifestyle among the company’s employees and to support charity. On the initiative of employees in 2017, during the 11th Bicycle Ride in Tczew, we officially inaugurated the “Sport and Support” campaign, which expanded the current “Run and Support” campaign with new sports disciplines, including Nordic walking, cycling, football and volleyball.

Participants representing the “Sport and Support” campaign cover their own competition entry fees. The funds donated by Press Glass to charities depend on the number of people who complete the competition in the selected categories and the discipline, results achieved, number of matches won, stages completed or kilometres covered. The organiser donates the pre-determined amount for each kilometre covered by Press Glass employees in sports competitions such as running, Nordic walking and cycling races.



ENVIRONMENTAL CAMPAIGNS IN 2021

Press Glass employees are also eager to engage in environmental campaigns – we have planted shrubs and trees in places agreed with local authorities in the cities where our factories are located. In this way, our employees expressed their concern for the surrounding environment and actively celebrated the World Environment Day, which falls on June 5.



WE CELEBRATED
WORLD
ENVIRONMENT DAY,
WHICH FALLS
ON JUNE 5



EDUCATION, CULTURE AND CHARITY SUPPORT



Michał Teperek, Photomedical Department,
Medical University of Warsaw



**SIE
MA
CHA**

In 2020, we donated the glass for the expansion of the Siemacha Foundation building in Odporyszów.



Press Glass supports construction works in the rehabilitation part of the family welfare home "Dom Oczami Brata". The company has provided insulated triple glass panes that were installed in both windows and doors.



SGH

In 2021, Press Glass joined the Club of Partners of the Warsaw School of Economics. The cooperation between the Warsaw School of Economics and Press Glass is aimed at promoting student education, including in the practical dimension.



Press Glass is a Partner of the Adam Mickiewicz Theatre in Częstochowa.

WE STRIVE TO MAKE POLAND A PROSPEROUS AND OPEN COUNTRY,
WHERE PEOPLE ENJOY A HIGH LEVEL OF ECONOMIC FREEDOM
AND OTHER INDIVIDUAL LIBERTIES.

Our mission is to invest in the most valuable initiatives for economic freedom and to create a space for cooperation and integration of free market advocates.



ECONOMIC FREEDOM



EDUCATION
FOR THE FUTURE



RULE OF LAW



POLAND
IN THE EUROPEAN UNION

The Foundation pursues its objectives by:

- strengthening initiatives to promote economic freedom by means of grants, advice and the creation of a space for cooperation;
- projects on the liberal economy and free thought;
- increasing the presence of a free market approach to the economy in public debate, the media and politics;
- the integration and development of a liberal community;
- founding the Library of Liberty, a long-term project to strengthen and promote liberal values that best serve development and wealth creation.



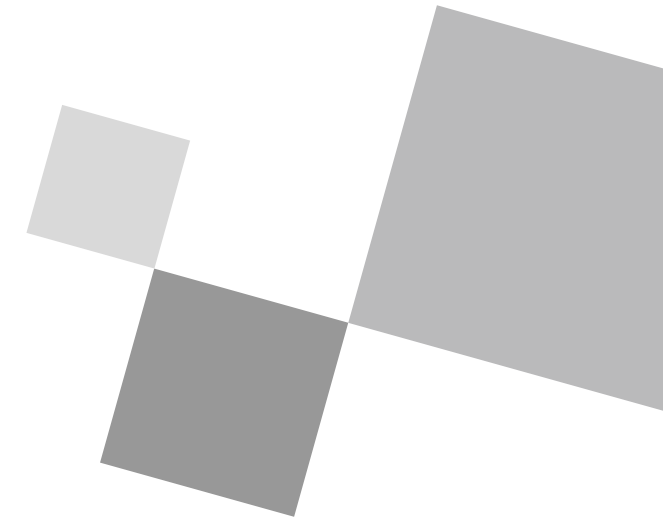


TOMORROW MADE CLEAR

We are aware of the challenges of the future. We believe that together we will achieve the climate targets for 2030 and 2050.



OUR PROJECTS





125 GREENWICH STREET

NEW YORK, UNITED STATES



DOCK 72

NEW YORK, UNITED STATES





COURTYARD LIC
BY MARRIOTT

NEW YORK, UNITED STATES



ISBJERGET

ÅRHUS, DENMARK



61 NINTH AVENUE

NEW YORK, UNITED STATES



UN CITY

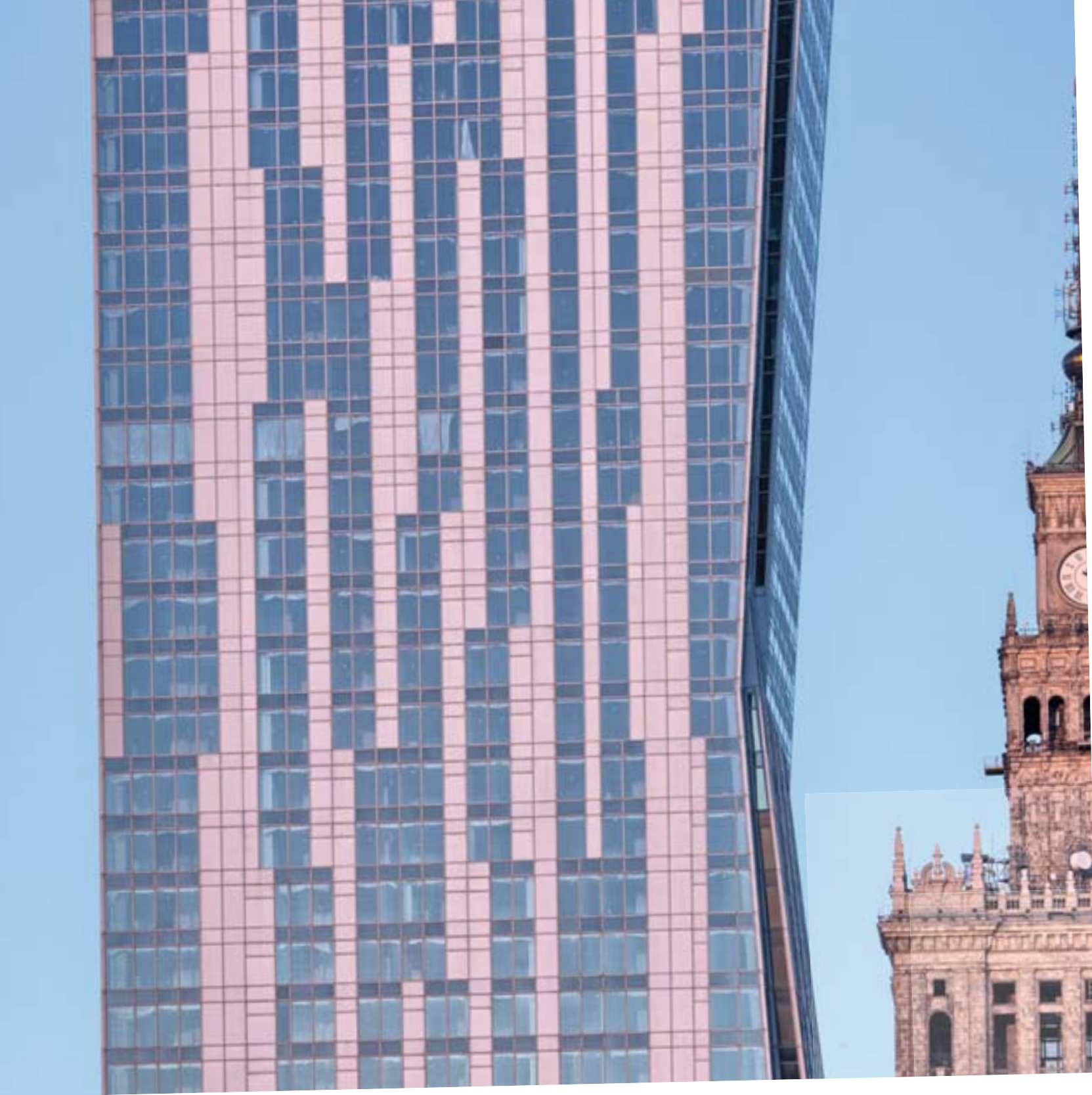
COPENHAGEN, DENMARK





Q22

WARSAW, POLAND



ZŁOTA 44

WARSAW, POLAND



ICE

CRACOW, POLAND



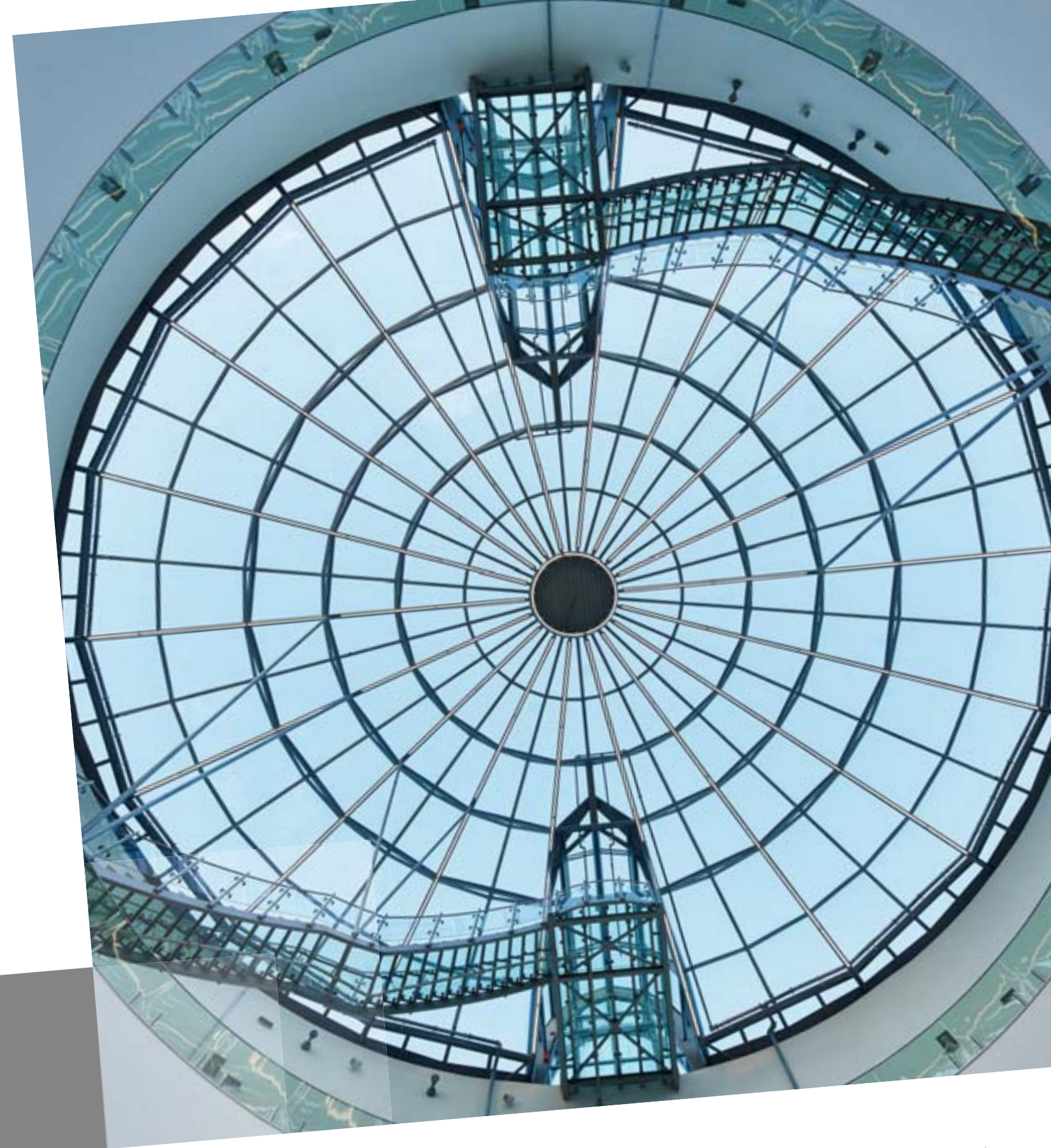
MUSEUM OF THE SECOND WORLD WAR

GDANSK, POLAND



G2A ARENA

JASIONKA, POLAND





SAWIG OFFICE

CRACOW, POLAND



JOHN PAUL II KRAKOW-BALICE INTERNATIONAL AIRPORT

CRACOW, POLAND

source: Saint-Gobain Glass





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LEADING IN EUROPE

www.pressglass.com