

Working together for a **green,** **competitive** and **inclusive** Europe



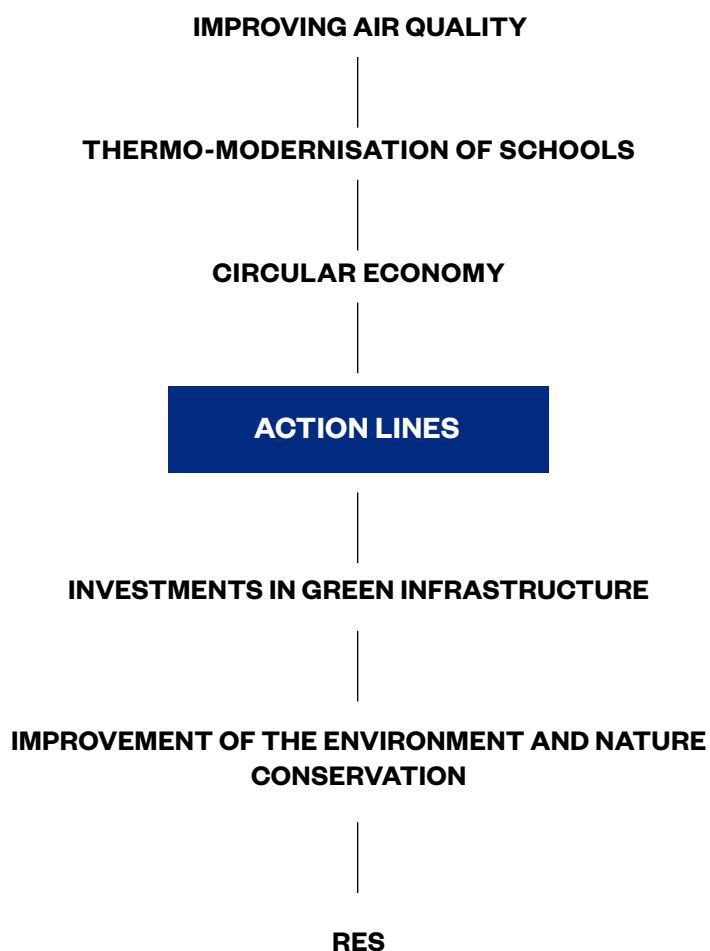
The Environment, Energy and Climate Change programme



What is the Environment, Energy and Climate Change Programme?

It is important to take action to help mitigate and reduce environmental impacts of **climate change**. These are the main objectives of the Environment, Energy and Climate Change Programme financed by the European Economic Area (EEA) Financial Mechanism and the state budget.

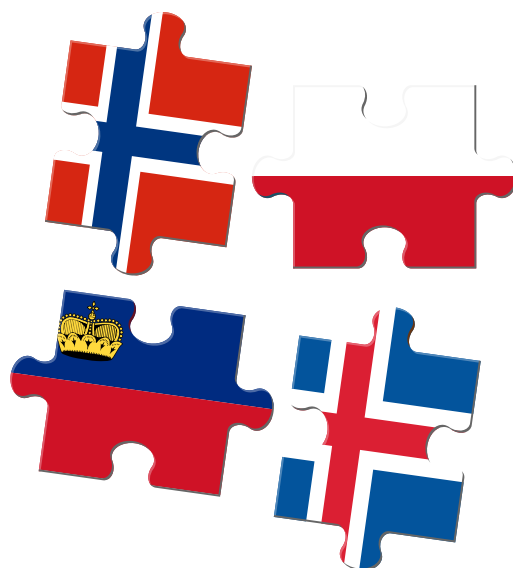
The Ministry of Climate and Environment is responsible for implementing this EEA Climate Programme in Poland and it acts as its Operator. The programme supports the implementation of various environmental projects, accompanied by numerous activities to raise **environmental awareness** and educate the community. It is also an example of cooperation and exchange of experience among domestic and foreign institutions





Funds from the Programme Environment, Energy and Climate Change

Funds from the Programme Environment, Energy and Climate Change and the Norwegian and EEA Funds are the colloquial term for non-refundable financial assistance to Poland. They consist of two instruments: European Economic Area Financial Mechanism and Norwegian Financial Mechanism. Support funding comes from the three following countries: Norway, Iceland and Liechtenstein.



Environment, Energy and Climate Change Programme in figures

12
calls for proposals
announced

nearly **600**
submitted
applications

107
implemented
projects

**Areas of action under
Environment, Energy and Climate
Change Programme 2014-2021**



**Renewable energy, energy efficiency,
energy security**



Environment and ecosystems



**Climate change adaptation and mitigation
in urban areas**

**and educational
and social actions**

Benefits of the **Environment**, **Energy** and **Climate Change** Programme - overview of selected projects



Adaptation to climate change through the development of green and blue infrastructure in Gryfino



Mikołów for Climate - implementation of investments in the field of blue and green infrastructure in the City



Polanica Zdrój Commune - Revitalization and development of green areas in Polanica Zdrój including green-blue infrastructure for the needs of adopting the city to climate changes



Climate-friendly school. Center of education on climate change mitigation and adaptation in urban areas



Climate at metropolis schools



Sztum Circular Economy - respond to the contemporary climate challenges



Active protection of endangered habitats and species in valuable natural areas of eastern Masuria



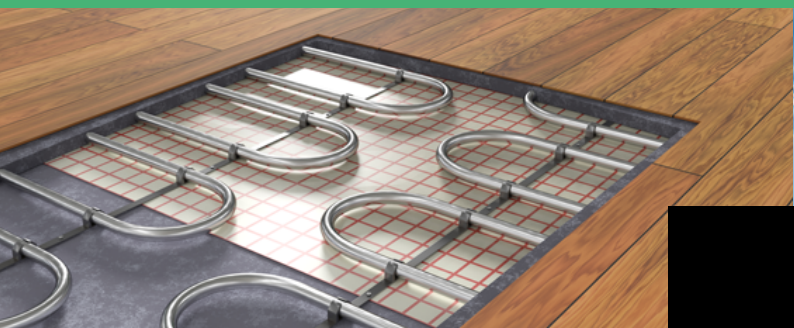
Carpathians Unite - conservation of Orawsko-Nowotarskie Peatbogs



Recreating the wetlands



Construction of the New Combined Heat and Power Plant Czechnica



Construction of a heat pump as a new power source for the municipal heating network in Wrocław



Construction of a geothermal cogeneration installation for the production of heat, electricity and cold at Chochołowskie Thermal Baths (HYDRO GEO)



Adaptation to climate change through the development of green and blue infrastructure in Gryfino

Project value
1,3 million EUR (5,6 million PLN)

Funding value
1,1 million EUR (4,8 million PLN)



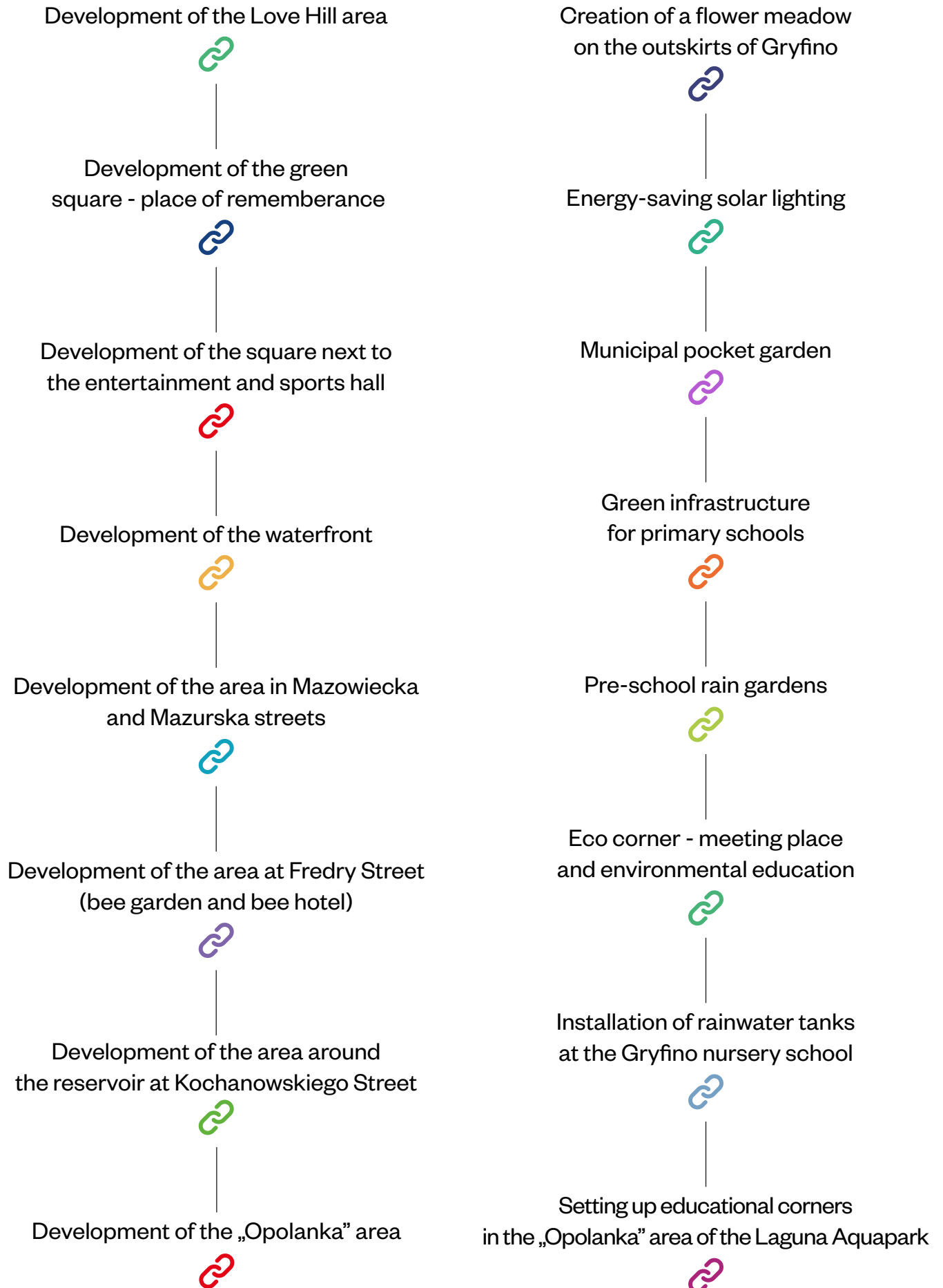
■ Area

Climate change adaptation and mitigation in urban areas

Project goals



Investment measures



Educational and community activities

Environmental education is key to building an informed community. The project has produced a variety of educational materials tailored to different age groups, so that everyone can get involved in environmental activities.



Brochure „Insect Houses”





Tree adoption programme



Mikołów for Climate - implementation of investments in the field of blue and green infrastructure in the City

Project value
4 million EUR (17 million PLN)

Funding value
3,4 million EUR (14,6 million PLN)

■ Area

Climate change mitigation
and adaptation

Project goals



Investment measures

Creation of the Three Generations Park



Revitalisation of the Planty Park



Restoring the retention capacity
of the Mokre Pond



Installation of green charging stations



Revitalization and creation of new green
areas



Planting and maintenance of trees at the
transfer centre



Installation of LED lights



Construction of green car parks



Shading the market square and pavements



Construction of green bus stops



Construction of a pocket park



Maintenance of old trees



Construction of a pedestrian and bicycle path



Renovation and reinforcement
of water retention system



Installation of photovoltaics with construction
of a rain garden



Creation of a green field
education room



SLAJDER



Educational and social activities





Polanica-Zdrój Commune
- Revitalization and develop-
ment of green areas in Polani-
ca-Zdrój including green-blue
infrastructure for the needs
of adopting the city to climate
changes

Project value
4 million EUR (17,6 million PLN)

Funding value
3,4 million EUR (14,6 million PLN)





■ Area

Climate change mitigation
and adaptation

The City of **Polanica-Zdrój** benefited from support under the programme for the implementation of extensive investment activities aimed primarily at counteracting climate change and combating its effects. These activities have not only translated into an improved quality of life for residents, but have also enhanced the visual appeal of the town. The beneficiary has additionally launched a series of educational activities to raise the environmental awareness of the community.

Investment activities

Revitalisation of the historic spa park in Polanica-Zdrój including green and blue infrastructure



Conversion of a tourist path with the construction of a viewing tower, necessary infrastructure and landscaping on Maria Hill in Polanica-Zdrój



Renovation of park paths

Planting trees and greenery

Increasing the retention area and introducing new vegetation in the town

Construction of eco-stops

Construction of an educational garden at a primary school

Renovation of the band shell and upgrading street furniture



Educational and social activities



Conference „Rainwater management”



Educational workshops



Competition for pupils
„My green Polanica-Zdrój”



Other educational and activating
activities



**Climate-friendly school.
Center of education on
climate change mitigation
and adaptation in urban areas**

Project value
480 thousand EUR (2 milion PLN)

Funding value
480 thousand EUR (2 milion PLN)



■ Area

Mitigating climate change and reducing exposure to climate change

The Sendzimir Foundation has also been involved in the implementation of the Environment, Energy and Climate Change Programme. The grants was used primarily for rainwater management around Primary School No. 195 in Warsaw's Wawer district. To this end, blue-green infrastructure including a rain garden and a pocket park has been built. The whole process involved the school community, which raised their environmental awareness.



WIDEO Zapraszamy na spacer
ścieżką edukacyjną!

slajder

Educational and social activities

Investment activities were complemented by events aimed at educating the public. We invite you to take a look at the results of these activities.



Introductory workshops for teachers



Training programme for teachers and school boards



Consultation and project workshops for pupils



Practical workshops for pupils



Lesson scenarios



Handbook „Climate-friendly school“



educators



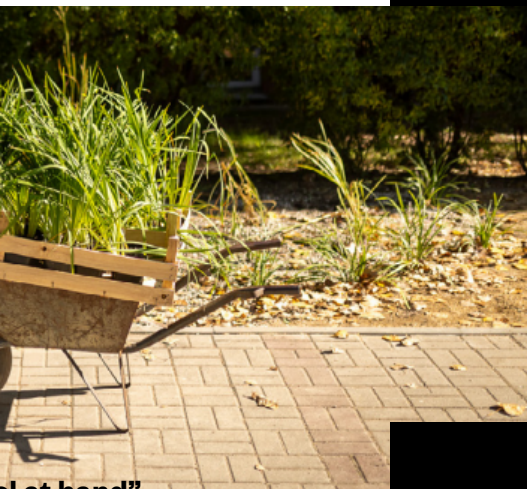
SZKOŁA JAZNA KLIMATOWI

Modelowe komunikacji na temat łagodzenia i adaptacji do zmian klimatu w mieście

reportaż z projektu



Educational picnic



pl at hand”



Climate at metropolis schools

Wartość projektu

816 thousand EUR (3,5 milion PLN)

Wysokość dofinansowania

816 thousand EUR (3,5 milion PLN)



■ Area

Gdańsk-Gdynia-Sopot
Metropolitan Area

40 schools in the Gdańsk-Gdynia-Sopot metropolitan area underwent a green makeover. As part of this renewal, elements of green-blue infrastructure have been created in each of the establishments, such as a box or soil rain garden, infiltration basin, a composter or a green wall. For educational reasons, the school communities were involved in the work. In addition, other activities were undertaken to raise **environmental awareness** among the school communities.



slajder





Iceland
Liechtenstein
Norway grants

Klimat na 5!



Competition „Let's protect the climate”



Jak stworzyć ogród deszczowy?



ate of the metropolis”



A guide to creating a rain garden





Sztum Circular Economy - respond to the contemporary climate challenges

Project value
1,7 milion EUR (7,5 milion PLN)

Funding value
1,5 milion EUR (6,3 milion PLN)



■ Area

Climate change mitigation
and adaptation

Modern waste management is one element of caring for nature. The project therefore included the construction of a state-of-the-art **Selective Waste Collection Point** for municipal waste and a storage and repair hall where the local community can give away their unwanted, recyclable items.

Educational and social activities



**Environmental seminars
for young people**



**Conference launching
the Task Force Group**



**Interactive and educational
workshops - Lab Zone**



Climate day



**Educational brochure promoting
a circular economy**



**Heckathon „Norwegian Circular
School Challenge - Closing the Loop!”**



Active protection of endangered habitats and species in valuable natural areas of eastern Masuria

Project value
470 thousand EUR (2 milion PLN)

Funding value
400 thousand EUR (1,7 milion PLN)





 **Area**

Environment and ecosystems

Project results

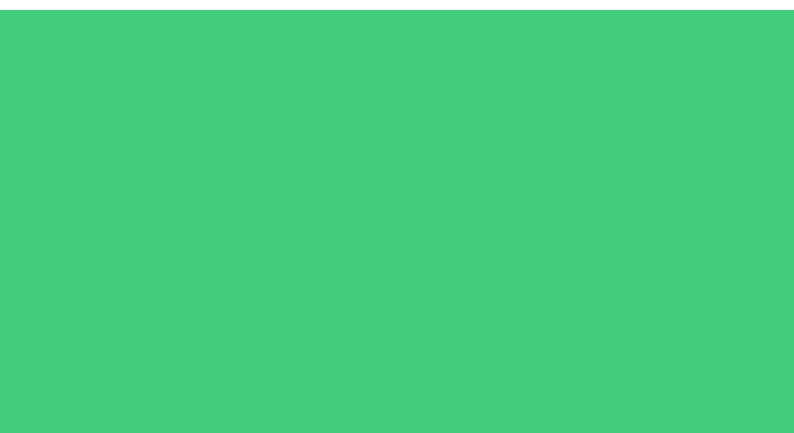




Educational and social activities



**Summary of the winter
bat count**





Carpathians Unite - conservation of Orawsko- -Nowotarskie Peatbogs

Project value
1,6 milion EUR (ok. 6,8 milion PLN)

Funding value
1,3 milion EUR (ok. 5,8 milion PLN)



■ Area

Environment and ecosystems

Project goals



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Educational and social measures



Study visit to Norway



Field meeting with journalists



A series of educational activities for children



Research on the dome of the peat bog



Recreating the wetlands

Project value
570 thousand EUR (2,5 milion PLN)

Funding value
480 thousand EUR (2 milion PLN)





■ Area

Environment and ecosystems

Project objectives and effects





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Educational and social measures



Wetland activities



**Nature workshops in schools
neighbouring the project area**



Work on fishponds in Dargomyśl



Construction of the New Combined Heat and Power Plant Czechnica

Project value
179,5 million EUR (775 million PLN)

Funding value
7 million EUR (30,2 million PLN)

■ Area

Renewable energy, energy efficiency,
energy security

The Norwegian and EEA funds also provide support for very large, complex and expensive investments, mainly in the energy area. An excellent example of this is the project by Zespół Elektrociepłowni Wrocławskich KOGENERACJA S.A., which involved the construction of a new combined heat and power plant. This is a key project for the Wrocław agglomeration, which has enabled the existing coal-fired CHP plant to be replaced by a new, modern unit powered by low-emission gas. Thanks to the implementation of this project, Wrocław and the municipality of Siechnice can benefit from a clean, stable source of heat and electricity, which has a direct impact on greater energy security, higher living comfort and the health of the region's inhabitants and residents..



Construction of a heat pump as a new power source for the municipal heating network in Wrocław

Project value
15,9 million EUR (68,4 million PLN)

Funding value
4,9 million EUR (21 million PLN)

■ Area

Renewable energy, energy efficiency,
energy security

WROMPA, the Wrocław heat pump, is the result of excellent use of subsidies in the Programme. The aim of the project was to develop a heat pump with a capacity of as much as 12.5 MW and associated infrastructure to extract heat from... municipal wastewater! The new source will supply 5% of the thermal energy needs of the inhabitants of Wrocław. The equipment complex uses Renewable Energy Sources.



**Construction of a geothermal
cogeneration installation for the
production of heat, electricity
and cold at Chochołowskie
Thermal Baths (HYDRO-GEO)**

Project value

12,6 million EUR (54,4 million PLN)

Funding value

2,8 million EUR (12,1 million PLN)





■ Area

Renewable energy, energy efficiency,
energy security

The Environment, Energy and Climate Change programme has also supported the construction of thermal energy production systems from deep geothermal deposits in locations where economically useful reserves have been confirmed.

The project expanded the existing geothermal plant with a new production well with an ORC power plant and a water turbine to supply the facilities with heat, cooling and nature-friendly electricity. The effect is not only to increase the production of energy from RES, but also to reduce the negative impact on the environment. An additional advantage is the assurance of continuity of energy supply for the energy needs of the Beneficiary company.