

## Inspiring Projects from Poland, Hungary, Slovakia and Czech Republic Show Ways to Adapt to the Climate Crisis

Total of eight Central European adaptation ideas have been recently added to the [Adaptterra inspirational database](#) managed by the Partnership Foundation. It aims to concentrate the best practice in one place, helping to better manage the impacts of climate change, such as heat, drought, erosion or extreme rainfall and flooding. A clear set of solutions describes in detail how the measures work, the experience from operation or the cost of construction and maintenance. Examples mainly from Poland, but also from Hungary and Slovakia now complement the overview of the previous winners and finalists of the Adaptterra Awards, which focuses on finding the climate change related inspiration in the Czech Republic. The overview of total of fifteen adaptation ideas is available in English at [www.adaptterraawards.cz/database](http://www.adaptterraawards.cz/database).

The ways how to prepare schools, houses or our offices for rising temperatures is shown by three examples from Poland. [Warsaw office complex Eurocentrum](#) differs from other office buildings [at first sight](#). We can find growing trees in the middle of its façade and beehives on its roof. Even the envelope of the building contains a number of nature-friendly measures, such as 100% use of rainwater for flushing and watering plants, modern insulation saving a quarter of electricity consumption, or above-standard parking areas ... for bicycles and electric cars.

Modern technology has also been chosen in the suburbs of Warsaw in the Marki district. In the new [educational and recreational complex](#), they combine green energy, use of rainwater and smart lighting and heating. The roof of the local elementary school serves as a wetland that draws down rainwater. This greatly helps the building and its surroundings during hot days. Its own gas-fired heating plant and power plant are complemented by 300 photovoltaic panels, and of course there are charging stations for electric cars and car sharing.

The future of sustainable housing is shown also by the drainage [system at the Pogórze housing estate in Gdynia, Poland](#). Instead of draining water from roofs, roads or car parks directly into the sewer, valuable rainwater is channelled to a rain garden and ponds thanks to a special system of ditches and canals which keep the water where it is needed the most. The aim is to achieve maximum balance in water management.

The above mentioned rain gardens are another way to preserve water as an increasingly valuable commodity. [In neighboring Gdansk](#), the number of rain gardens and retention parks is rising, and the Baltic city [wants to involve as many of its citizens as possible](#) in the construction so that the people are able to build their water oases themselves. Gdańsk's management expects rain gardens to bring benefits from reduced water service charges and lower risk of flooding. In Košice, Slovakia the same principle is engaged, where a sample [18 square meter rain garden](#) makes patients happy in the geriatrics department. Rain gardens imitate nature when collecting, cleaning and retention of water, and significantly lower the temperature and are also a popular place to relax.

In Białystok, Poland you can find another idea to cool overheated cities: [green bus stops](#). Innovative design brings a green roof to the waiting passengers, including a sophisticated drain system. In addition, the walls are covered with evergreen and flowering creepers.

[In Hungarian village of Nyárád](#) you can find ideas for adaptation measures outside the city. The village is a prime example of how three lakes and willow plantation can turn dangerous neglected wetlands which threatened the surrounding houses with floods after heavy rains into a natural environment for plants and animals. And thanks to the restoration of old gardens, locals can once again offer organic food at the local market.

**Download:**

[Photos of the inspirational ideas](#)

Database of inspiring projects and ideas: [www.adaptterraawards.cz/Databaze](http://www.adaptterraawards.cz/Databaze)

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