

Green Roofs in Lithuania: Baltic Animal Rehabilitation Centre



In 2022, the Baltic Animal Rehabilitation Centre opened its doors in Klaipėda, Lithuania. The center includes an animal rehabilitation building with treatment, research and educational facilities, as well as swimming pools. The centre treats Baltic Sea animals found injured in and around the coast.

The shape of the building resembles a dune, blending naturally into its surroundings. The roof of the facility features

unique green roofs. The vegetation chosen for the roof is typical of the coastal area: cathedral flowers, thyme, holly, various mullein, carnations and other plants. These plant species are drought tolerant, have well-developed root systems, stabilize the substrate and protect the green roof from wind erosion. Such plants require minimal maintenance and do not require an irrigation system. The roof of the Centre has been chosen as an extensive green roof system.

The Baltic Sea Animal Rehabilitation Centre is located in a national park – a particularly sensitive protected area. The green roof helps to meet the environmental objectives of minimizing the impact on the environment and making good use of the space for recreation and education.

The green roof space is planned to be used for educational purposes, introducing visitors to plant and insect species that are typical of the dunes. In summer, the flowering plants will attract insects specific to the region, some of which are rare and protected.

Photo source: <https://sa.lt/zalieji-stogai-kaip-uztikrinti-kokybe-kuomet-biudzetas-ribotas/>