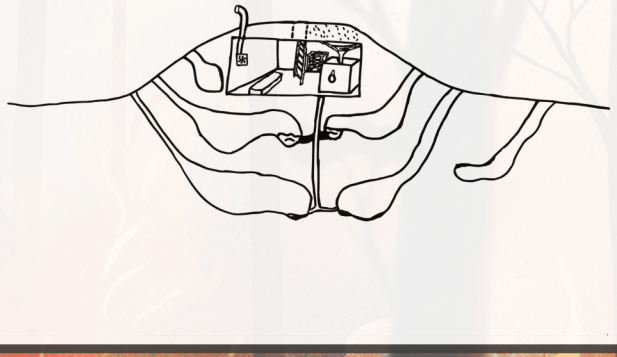
„The Burrter“ Fauna Refuge System

During the last bushfire season in Australia, an area with the size of Czechia and Slovakia combined burnt down. Despite the priceless losses on human lives, over half of a billion animals died in the fires. The public readiness contributed to a relatively small number of deaths. However, it is impossible to warn or evacuate significant amounts of animals. That was the reason to design an animal-friendly shelter.



Our project is inspired by burrows dug by Wombats which also helped other animals survive the bushfires:

- a network of shelters would be set up in the most endangered regions
- the shelter is composed by burrows and holes of different sizes to serve a variety of fauna
- each shelter is equipped by a small rainwater reservoir
- our prototype is variable – adjustable sizes and numbers of burrows, connections to riverbanks, shelter module for people
- material of the burrows would be concrete or alternatively metal in the deeper parts of the burrows, all covered by soil
- the surface around the shelter area is supposed to be maintained and covered by short grass