

**Company:** Tarmac CZ a.s.

**Location:** Czech Republic

**Objective** The objective, with the help of a survey, was to find evidence of the presence of endangered species in the area, which is currently being excavated in all the hard stone quarries and sand pits of Tarmac CZ a.s. Then to propose procedures to save those species.

**Context** Initiate biodiversity survey in an extraction area and application of sufficient measures, which would lead to the protection of potentially endangered species and demonstrate responsible attitude of a quarry company.

**Solution**

1. Search for information related to relevant areas. We used professional literature and database of ecological organisations, associations and institutions. The collection of significant facts helped us prepare future focus of our survey, ensuring that financial means were used effectively.
2. Realization of the survey, in order to get recent information about chosen groups, then to benchmark them with the results from the first stage. Based on the results, we separated our operations into different categories according to their value by means of biodiversity (high, middle, low, insignificant, none).
3. From the results of the 2<sup>nd</sup> stage, realization of a detailed survey of chosen areas (with high and middle biological value). The objective is to get detailed and mainly up-to-date information about species living in those areas, state and perspective of biodiversity and environment, to propose targeted measures to prevent the loss and increase biological diversity.
4. Evaluation of the achieved results. We state priorities of protection of species and areas in our operations. We propose, and then implement actions. Those proposed actions are examined with the objectives of the State protection of environment so that they are harmonised. This creates a basis for the creation of a Biodiversity Action Plan (BAP) for a given area.
5. Create BAPs for single areas in the following years by evaluation and reviews.

**Result** Current results have guaranteed that there are no protected species in our extraction areas (with some exceptions). In cooperation with a specialist company, we have ensured transfer of protected or endangered species out of excavation areas.

Thanks to our biodiversity survey, the database of potentially endangered areas in the country has improved. Another contribution is the fact that we have improved our relationship with neighboring areas. We believe that they will now consider us as reliable partners.



A technical barrier around the water pool, with vertical walls to protect small animals from potential falls into the pool.  
*Děpolovice quarry, 2006*