To overcome our point of view we formulated the following manifest:

**MANIFEST OF ECOLOGY – MANIFESTE DU ÉCOLOGISME**

1/ To build is not ecological. Building ecologically is therefore a contradiction
2/ Ecology is a political term... it’s time to give it an architectural content
3/ “Ecology, ecologic technologies,...” is an illusion
4/ It’s time for synthetic, hybrid, primitive architecture
5/ We don’t want to be merchants of heat pumps, insulation and building management systems
6/ We want to touch, not occupy
7/ Less is more ecology

**ECOLOGICAL PARAMETERS**
The project brought up an interesting discussion on how to build ecologically within a protected natural area of the national park in Czech Republic. The centre, which we designed, is equipped with a heat pump, heat recovery, a special solar system and glass with high temperature resistance. Insulations are designed, based on the size of panels available on the market, eliminating scrap, and provided by waste less technology. The glazed walls are constructed in a way to avoid overheating of the interior by sun and to permit a natural ventilation. The object has an energy efficiency related to the context, sun exposure, and climate conditions. Each slope and angle of the roof has its natural counterpart. It could be seen as an abstract model to study the geometry of the building and the forces which once formed the terrain. The geometry of the roof refers to the geometry of the Krkonoše Mountains and is compared with stoneformations on boarders of continents from outer space.

**SHAPE | ORIGIN**
Inspiration was a research project which shows the correlation of forces in a stone compared with stoneformations on boarders of continents from outer space. According to the similarity of the forces the stones origin can be identified.

**MICROCLIMATIC CONDITIONS**
The Krkonoše Mts. are the first barrier against the west wind with the origin in the Atlantic Ocean. The air with high level of humidity is forced to increase the altitude of the area. Influenced by lower temperatures, the vapor in the air condensates and leads into frequent rains and snowfalls.

The city Vrchlabí, situated at the foothills of the Mountains, is greatly affected by the microclimate of the mountain range. The weather is quite instable and relatively cold. The average temperature in Vrchlabí stays at 7 °C, the average annual rainfall is 960 mm.

**To overstate our point of view we formulated the following manifest:**

1/ To build is not ecological. Building ecologically is therefore a contradiction
2/ Ecology is a political term... it’s time to give it an architectural content
3/ “Ecology, ecologic technologies,...” is an illusion
4/ It’s time for synthetic, hybrid, primitive architecture
5/ We don’t want to be merchants of heat pumps, insulation and building management systems
6/ We want to touch, not occupy
7/ Less is more ecology
Petr Hájek was born in 1970 in Czechoslovakia. He graduated at the Faculty of Architecture at the Czech Technical University in Prague and at the School of Architecture at the Academy of Fine Arts in Prague. In 1998 he founded (together with Tomáš Hradečný and Jan Šépka) the architectural office HŠH architekti and later on, in 2009, his own office Petr Hájek Architekti. Among the most renowned buildings on which he participated are: Adaptation of the public space at Horní Square in Olomouc (HŠH), Adaptation of Jiřské Square in Prague Castle (HŠH), Archdiocesan museum in Olomouc (HŠH), Interventions on the Castle Hill in Olomouc (HŠH), Riding Hall – Multifunctional Hall in Litomyšl City (HŠH), Villa in Beroun (HŠH), Villa Hermina (HŠH), Chameleon house. He has won numerous prizes for his work (Grand Prix OA, Building of the year, Freiraum no2, Bauwelt–Preis, The Old Town Prague society Award, The R. Eitelberger Award; he was nominated for the Mies van der Rohe Award).

Since 2004 he has been teaching at the Faculty of Architecture at the Czech Technical University in Prague. In 2010 he was appointed associate professor. Since 2012 he has been teaching architecture at the Academy of Fine Arts in Bratislava. He is founder of LEA – Laboratory of Experimental architecture. For his pedagogical work and research in the field of urbanism called "Anastomosis" he was awarded The Czech Technical University Rector Prize for applying research in practice.