

# Project TwoPager | EuroTeQaThon III

## PROJECT DETAILS

Challenge Collaborator: JRD

Team name: HEXECO

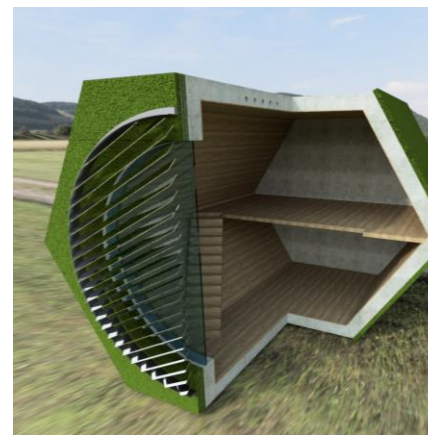
Team slogan: Smart living, for smart people

Team members (full name | study program | university)

Josef Kovařík	FS	CTU
Tereza Jeřábková	FJFI	CTU
Jiří Budil	FEL	CTU
Cristina Perulero Cabrera	FIT	CTU

*Our concept solves problems of modern housing and residential areas, such as overheating, air pollution, draught and high energy demands.*

*Our team came up with an concept of modern houses with implemented regenerative technologies in order to improve synergy with our planet and create a safe, healthy environment for humans at the same time.*



## Potential for impact

*The HEXECO concept could solve a recent energetic crisis and meanwhile contribute to healthier both indoor and outdoor environment. We implemented and even developed many technological solutions, that are not only sustainable, but even regenerative. Our urban areas are suitable practically everywhere – from villages to huge city. We tried to make every technology we used simple, thus keeping it affordable for most people.*

## Innovation

*Our concept is probably unlike anything you have seen before ! We came up with a completely new way to arrange flats, new technologies for heating and cooling. However there are some aspects we merely implemented to our concept (such as air cleaning algae etc.)*

## Feasibility

*As every startup, our project would need initial funding. But as mentioned earlier, every solution was designed with a balance of functionality and feasibility, our concept would be completely self-sufficient.*

## Inclusivity

*Our team frequently consulted our solution with the challenge provider: JRD. We considered their comments on the feasibility, which were very important to us. They appreciated our combination of engineering and humane approach.*