

tre of the City of the Future CIIRC of Czech Technical University in Prague. However, the pandemic interrupted everything and the new leadership of the Central Bohemian Region ended the project.

You were a member of a delegation led by the former Governor of the Central Bohemian Region, Jaroslava Pokorná Jermanová, who presented this project in Brussels...

In October 2018, I was invited by the then governor to present her idea of building a 'city of the future' in the Central Bohemian Region in Brussels within the framework of the European Week of Regions and Cities. For this purpose, they chose the Milovice – Boží Dar location, where all the plots were successfully consolidated and also owned by the region. All old buildings and other burdens that occurred there have basically already been removed from the affected area. It was decided that this completely unique brownfield will be used to build a new city system, not just a satellite hostel for Prague, but a fully-equipped city with a DNA trace of a naturally growing urban system, which will become a model laboratory for cities of the future. Resilient cities, where innovative technologies help not only to build the city, but also to manage, maintain, further develop and manage the city. It was supposed to be a city founded for the millennials and their followers, at the same time being open and friendly to other generations. A modern, dynamic city that will be economically self-sufficient and a leader in relation to the environment.

Who took on this challenge to develop the above described concept?

The Centre of the City of the Future was chosen to develop the concept of the city of the future under my leadership. CCFCIIRC and CTU as a whole have long co-operated with the Central Bohemian Region and the Central Bohemian Innovation Centre.

Who was to pay for the realization of this vision?

The state would participate in the form of an initial investment in utilities and a new railway, the so-called Všejská spojka, which, once completed, will allow a journey between Masaryk Railway Station in Prague and Milovice within 25 minutes. Support for the project from various EU funds was also envisaged. The main financial support for the construction of the individual parts of the city was to be provided via a fund of qualified foreign and possibly local investors. Due to interest in the attention of foreign investors, we were to present the project at the international trade fair MIPIM in Cannes in April 2020. It was assumed that the preparation and implementation of the project would be managed with aid from foreign specialists having long-term experience with similarly important investment units throughout the world. I had the opportunity to consult the whole concept with one of them during its preparation and without any obligation.

Is there a variant with maintaining the airport?

The area of the former military airport should largely serve as a test polygon for autonomously controlled vehicles.



Y Green Battery Park

X Centennials Town, městské centrum

Centennials Town, city centre

Z Miltown, severní část města
Miltown, aerial view of the northern part of the city

ZX Miltown Cross Station HUB
– železniční autobusová nádraží, HUB městské hromadné dopravy

– railway and bus station, city public transportation HUB



A contract was therefore signed with Valeo shortly after the current management of the Central Bohemian Region took office. Efforts to restore airport operations sometimes emerge from somewhere, but objectively I think that this will never happen again if some fundamental pre-conditions for this use do not arise.

What time horizon was envisaged for the implementation of the project?

The whole process would be divided into several stages, one of which is the Všejská spojka, which will greatly affect the development of the area. This could be completed by 2030. The first stage for the realization of the town of Miltown was intended, in the part of the area north of the future Všejská spojka, the second stage following its completion, i.e. within the vicinity of the future station and further between the railway and the airport. However, even here there can emerge a part of the city centre known as Centennials Town, including residential buildings for students available already during the first stage. In the same way, it is possible to implement part of the project, at any time, south of the former airport, where the concept envisages a zone of autonomous "factories" with minimal service with regard to their operation, and a data centre, etc.

RED

Koncept města Miltown

Miltown city concept

Nové město Miltown je navrženo jako zelené město, kde chytré inovační technologie podporují optimální funkčnost jeho technické infrastruktury a logistických procesů uvnitř celého prostoru města i směrem ven k jeho okolí, pohyb lidí a produktů a každodenní úkony v životě jeho obyvatel a návštěvníků.

Město je navrženo pro všechny generace. Jeho srdcem bude univerzitní komunita soustředěná v objektu nazvaném Green Hills. Nová forma mezinárodní vzdělávací instituce umístěné do prostor jednoho objektu Mall of Knowledge, v němž budou soustředěny části několika evropských univerzit rozličného zaměření, které na tomto projektu budou spolupracovat. Budou sdílet společné zázemí služby a knihovny, laboratoře přednáškových sál, ale i prostory k relaxaci, občerstvení či mikrospánkových kapslí. Mix studentů univerzit různých oborů má rovněž přispět k prolínání znalostí a k mezioborové spolupráci. Výzkumné ústavy umístěné do blízké vzdálenosti nabídnou přímé propojení s výrobní sférou zaměřenou na inovace, např. v rámci tzv. Konceptu 4.0 podpořeného robotizací a umělou inteligencí. Významnému podílu mladé generace bude specificky podřízena většina města. To bude zahrnovat veškeré prvky potřebné pro město s 15000–30 000 obyvateli a perspektivou dalšího rozvoje.

Při návrhu jeho fyzické struktury bylo dbáno na začlenění co největšího počtu vodních ploch propojených do jednoho systému vodního hospodářství. Low impact development principy budou uplatněny pro zachytávání a čištění povrchových vod.