

-scenario -

The city is an eco-system.

Urban tissue is like an organism linked by its inner network (public transport, infrastructure, information channels), is alive and reacts in a complex, dynamic way where a single event may bring forth a sequence of changes in another part of a city. The growth of a new city part is based directly on changeable scenarios and human interactions expressed in demands towards town council. The growth of the structure is based on inner logic. The process of self-organization, determined by the phenomenon of behaviour induction and collective consciousness, generates an elastic social body. Top-down urban planning interventions remain occasional, constituting only one of many elements influencing urban morphology. Spontaneous growth is taking place regardless of administrative control often providing most adequate solutions. What seems to define the city and society best in the times of mass media is the dynamic structure of co-dependence.

City has to be prepared for world-wide interventions and demands like Olympic games, international Expo etc. Council has to be prepared to create logically and reasonably best conditions for such events.

Krakow with its unique atmosphere needs special attention. 50 high buildings in Krakow? why not? but where? and for what?

Proposed thesis determines area of preservation of existing 3rd dimension in Krakow. Including historical tissue which should be filled with adequate architectural volume. High buildings find places outside restricted area.

Searching for new solutions for the city development we draw out ideas from nature, from eco-system. Complicated structure of dandelions gives the idea of a city made out of units. City should be flexible and logical. With that thesis we want to predict future. Pieces of dandelion are changed into self-sufficient units-buildings. Tollgates are working as a city warehouses. They give out units that are ordered by the Krakow council whereas it responds to the inhabitants demands. Units are forming architecture that is modular and have unspecified shape. Easily can bend, omit, fit, adjust to existing architecture volume. That are people demands what create shape. Need is a mother of invention and best solution.

Flexibility that "Dandelions" give to the city is shown with 4 examples below. Schemes are proposition of scenarios and strategies for Krakow.

Length, width, height and TIME.

Nowadays time is a problem for architecture. Newest trends and ideas for buildings are trying to catch up with constantly changing world needs. There are lot of examples where need for a big architecture was temporary, then nobody knew what to do with it- like Olympic games. Why not to come up with architecture that is mainly temporary? Using building modules can give us less problems with urban planning decisions. That thesis assumed that there are lot of different units, functionally prepared for further function. Endless number of units can form high towers, flying buildings, moving towers. Volume of architecture is changed with the symptoms of the city.