

FIVE AREAS FOR A FUTURE BORODYANKA

The terrible scars left behind in Borodyanka by the devastating destruction, as Katerina highlighted and many of you personally know, presents a particularly critical situation. Contingent and more long-term interventions represent both urgent priorities to be contemplated and satisfied in order to ensure a reconstruction and restart, projected with confidence towards the future.

While the Ministry of Reconstruction of Ukraine [Ministry for Communities, Territories and Infrastructure Development of Ukraine] will provide for the buildings heavily damaged our challenging task has been to analyze and identify, in collaboration between our multidisciplinary team, Katerina and the municipal administration of Borodyanka, areas with the potential, once implemented, to provide the necessary background for a sustainable development scenario which, by including social, economic and environmental dimensions, could restore the community's life in a perspective of future well-being, cooperation and livability, economic growth, with an effective, vital support for the young and future generations. We have jointly worked on several interventions that could guarantee a coordinated framework.

Following the rural vocation of the place, a flat empty plot of about 113ha, crossed by a modest flow of water, has been selected to shape a district that, offering proximity of living and working conditions in concert with nature, intends to satisfy daily requirements and a more prosperous economic future.

High performance targets and a human-centric aspiration model this multiple use of land and buildings: 55ha dedicated to residential use, multi-storey buildings, from 5 to 9 floors, to

accommodate an expected number of approximative 18-20,000 residents, complemented by social and primary necessity settings, in an exuberant green, car-free, comfortable climate-responsive context, interact with an adjacent, complementary, productive segment intended for a as agro-tech park. The area, characterized by a settlement of start-up offices, co-working spaces, laboratories, small and medium manufacturing companies of maximum 3 levels in coexistence with the agricultural production, common gardens and greenhouses, will see a close, active collaboration between the community, the university, the local agricultural schools and the students. In a meaningful dialogue between tradition and innovation, the scientific research, interpreting the agricultural legacy of the place in a forward-looking perspective of technological and productive all-round sustainable renewal, will orientate towards new resources and solutions. An extensive market, at the intersection of the two parts of the master plan, will locally promote the production, helped in expanding its commercial boundaries by a scheduled efficient logistics system. The circular metabolism of this vibrant mixed-used eco-district, nurtured by a sort of mutual, synergistic cross-pollination, will be fuelled by the important arterial road running along one of its perimeter side.

As next, crucial step for supporting the intended economic trade-network, both for our model plot and the surrounding areas, we think that the nearby airport should be activated also for a cargo, commercial service.

According to this program that foresees an increase in the residents, it will be appropriate to replace the current hospital,

updated and decidedly insufficient, with a monoblock of several floors, a well functional structure, housing an emergency first aid center, various laboratories and specialist clinics, a surgical department medical specialties with diagnostic, treatment and accomodation rooms.

In the eastern part, along the beautiful, meandering course of the Zdvyzh river, our schedule envisages a park, embracing 3 different destinations: a cultural center with a large indoor and outdoor exhibition space, a memorial, in a more secluded area, in honor of all the people who lost their lives during the invasion of 2022 and a part addressing with inclusion the diverse, multiple expectations of the different age groups of the community.