

WASSERLAGEN HERNE

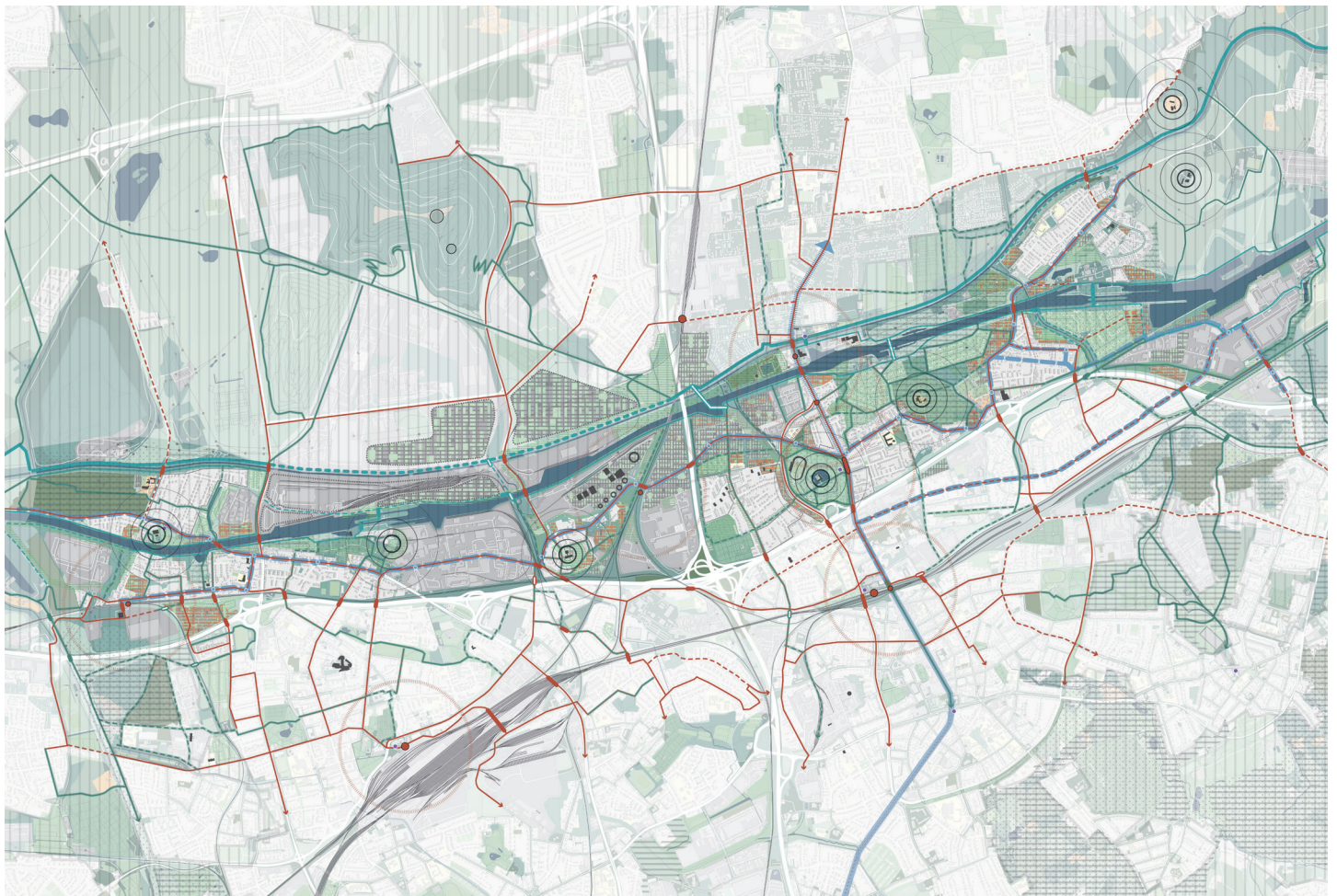
MASTERPLAN

assignment structural concept, Masterplan Wasserlagen **location** Herne **size** 1200 ha **client** City of Herne **services** basis analysis, vision and conception, utilization and structural concept, participation, report **status** completed, 2022 **team** Oliver Seidel, Lisa Iglseider, Tim Mohr **cooperation** Plankom, freiwurf landschaftsarchitekturen

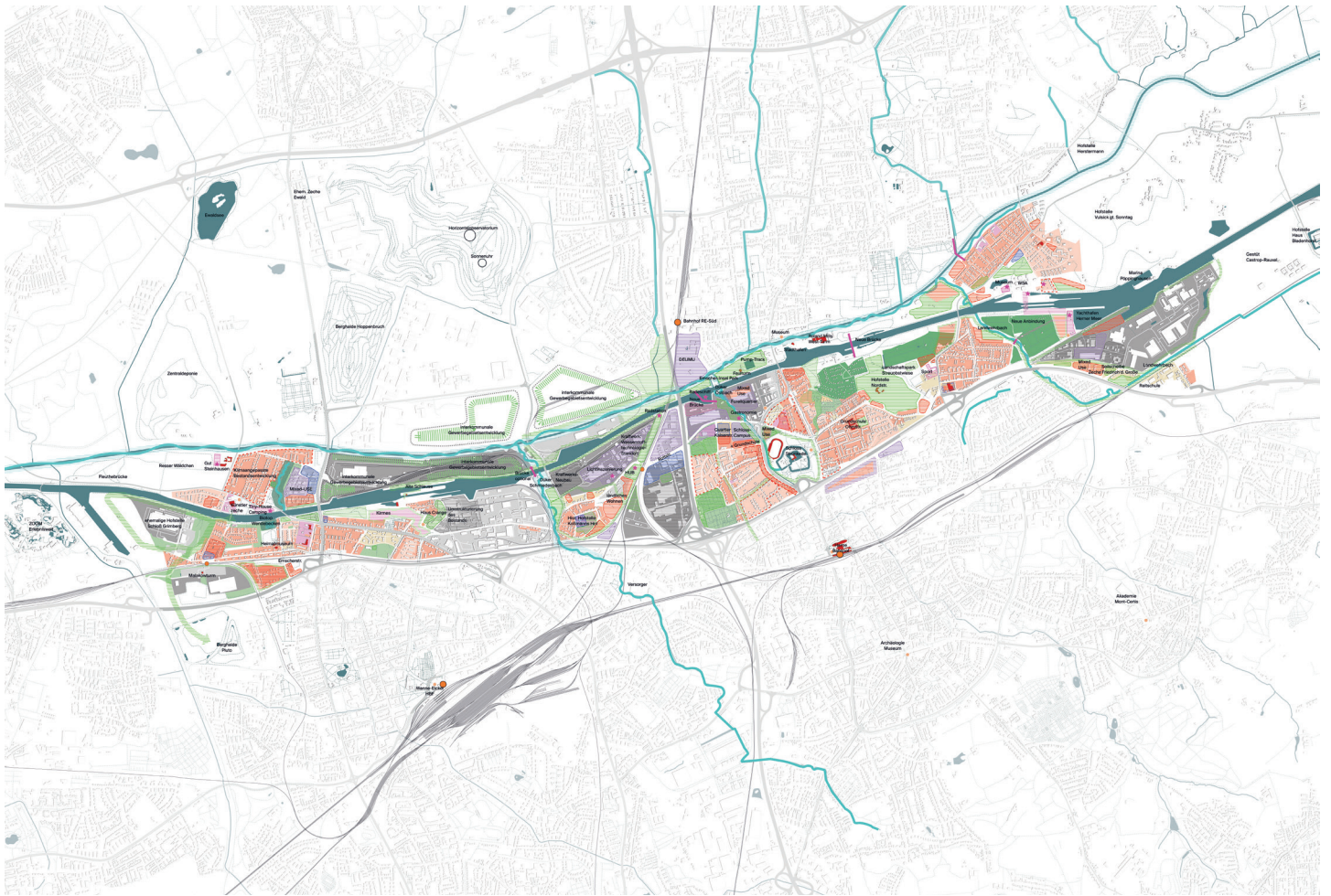
The projected population development up to 2035 also shows the trend towards a housing shortage in Herne. Despite this development, vacancies and underused space potential characterize the waterfront area. Due to the strong commercial and industrial character of the area and the dominance of large infrastructures, the existing residential areas are exposed to high levels of noise pollution. A lack of open spaces and cultural facilities, difficult permeability for pedestrians and cyclists, as well as major weaknesses in local mobility, which is too strongly oriented towards private motorized transport, exacerbate the problem of isolated residential areas and the associated social imbalance in the area. Underused areas, vacancies and wastelands lack a coherent development perspective. Added to this are the deficient conditions in the housing offer and the external influences of the climate, energy and health crises with their very own challenges. This downward spiral must be counteracted by integrated and future-oriented planning for the entire area of the water locations. The planning objectives therefore focus on a diversified range of housing with a high degree of social diversity and programmatic mix; on the integrated development of high-quality commercial areas and the harmonization of housing, work, industry, open space, leisure and transport. A multimodal, transport connection and the structural, open-space networking of the entire area are the key factors. The planning objectives therefore focus on a diversified range of housing with a high degree of social diversity and programmatic mix; on the integrated development of high-quality commercial areas and the harmonization of housing, work, industry, open space, leisure and transport. Multimodal transport connections and the structural, open space networking of the entire area play a key role. Overarching climate goals come into focus and are linked to ongoing processes such as the coal phase-out or flood and heat protection through the Emscher conversion and sponge city principles.



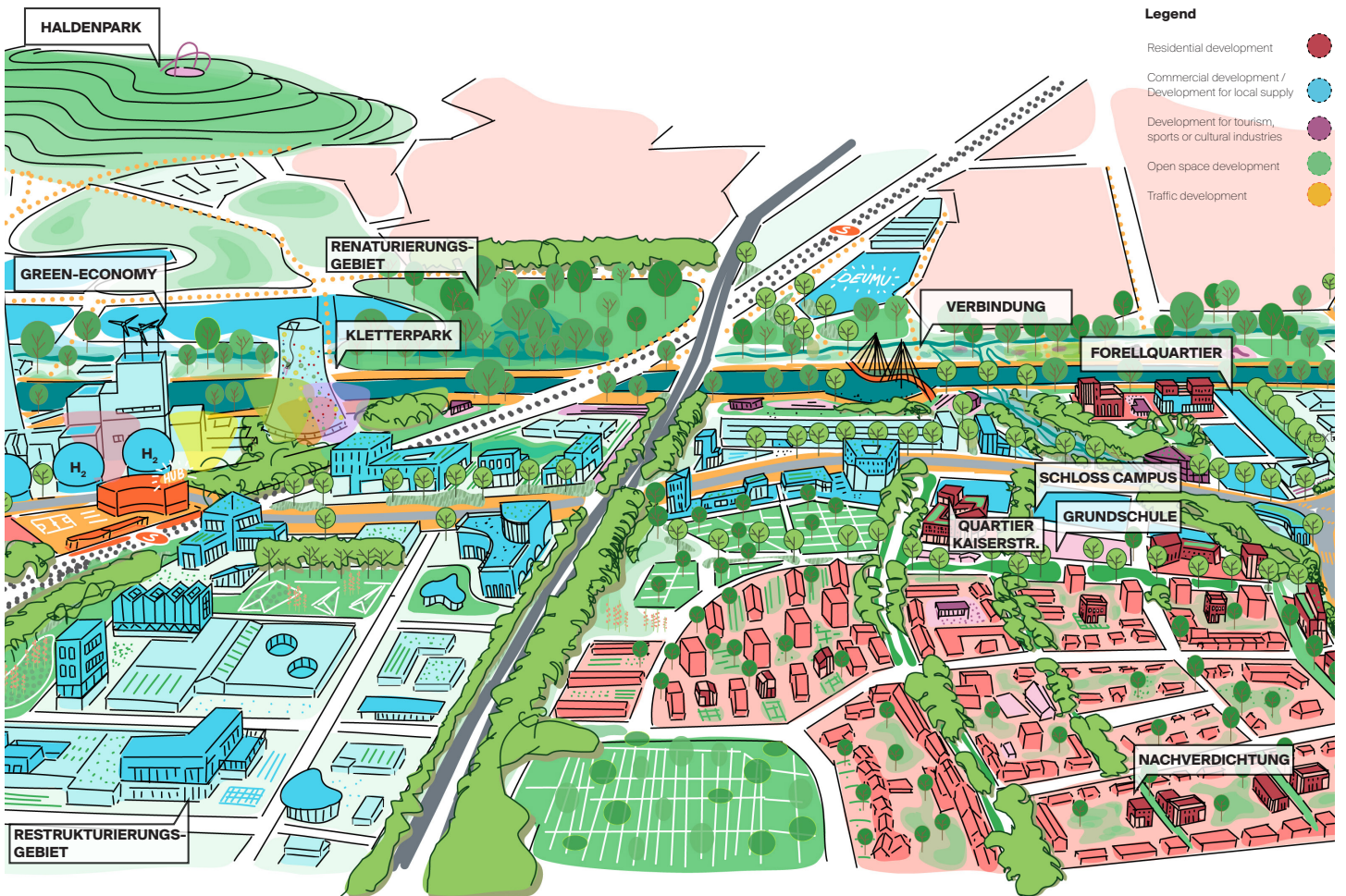
Structural analysis: The necessity of revitalizing the landscape area



Structure plan of the Herne Wasserlagen



Utilization plan of the Wasserlagen Herne



One of the three key areas: Baukau-Nord