

GARZWEILER

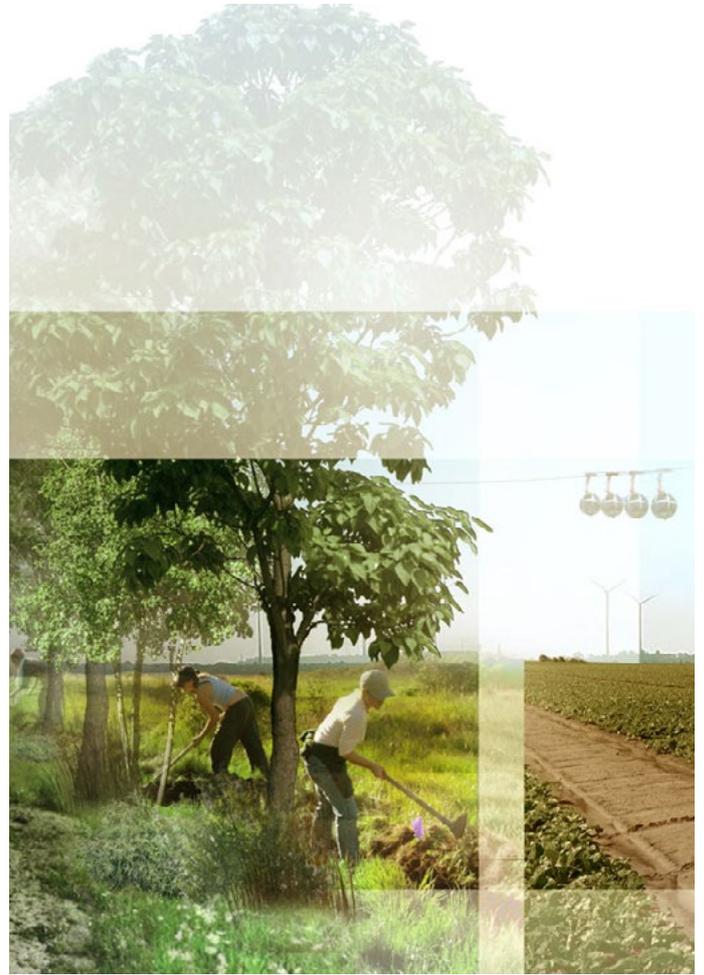
INNOVATION VALLEY

assignment Cooperative planning workshop | Visionary city | Village | Landscapes at the Garzweiler lake **location** Jüchen, Germany **size** 170 km² **client** Zweckverband LANDFOLGE Garzweiler **services** Raumbild, development strategies **status** idea **team** Oliver Seidel, Verena Brehm, Tim Mohr, Lydia Oehlwein, Jakob Bohlen, Lena Laueremann **cooperation** Freiwurf Landschaftsarchitekturen, Thomas Gfeller **award** 2. prize **projectnumber** 2009-IVG

Due to the planned coal phase-out by 2038 and thus the elimination of a complete industry with many jobs, strong visions of the future already need to be developed now. How can we reintegrate the gigantic areas that will soon be fallow again in a sustainable manner and make them usable?

Located in the border triangle, our workshop was about developing a vision for the area in and around Garzweiler. The main goal here was to move away from the current linear to a circular economy. The concept provides for the creation of an innovation network from three well-developed commercial locations in Jüchen, Jackerath, and Frimmersdorf, which tie in with existing plans. The conversion of the Frimmersdorf power plant, which is otherwise to be demolished, creates a supra-regional innovation hub and acts as a gateway to the region. Its huge pre-built areas serve as a playground for start-ups as well as established companies.

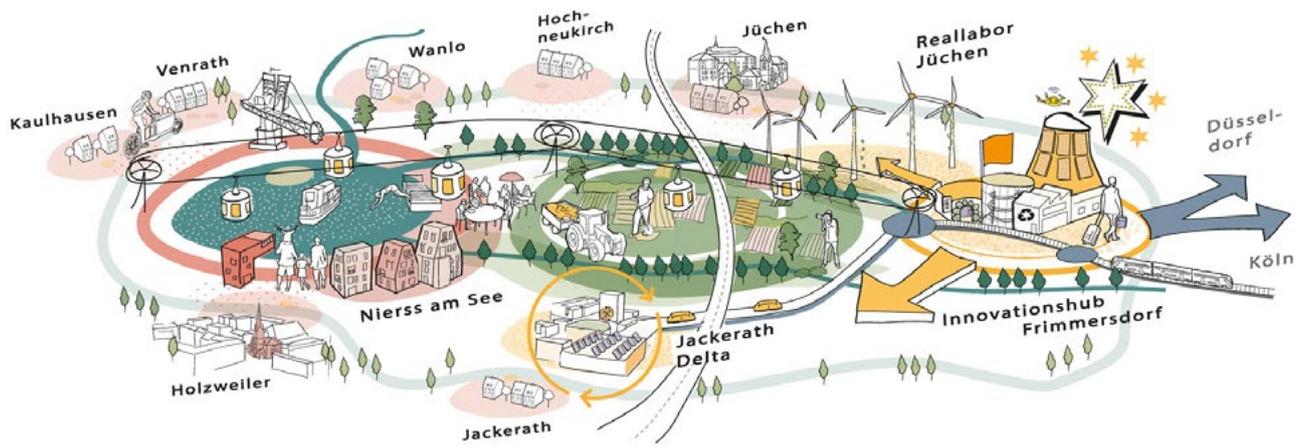
Large contiguous recultivation areas for industrial agriculture feed electricity into the local grid through additional use for wind power and PV systems. We are creating ecological corridors (forestry recultivated, natural green structures), which in the future will span between the lakeshore and the forests of the Ertf floodplain and, in addition to safeguarding the species network, also represent interesting areas for tourism. Thus the economic situation of the region is strengthened. They are lined with laboratory areas: small-scale fields and garden structures on which circular agriculture is researched, tested and applied. The concept is rounded off by a cableway that links the various areas.



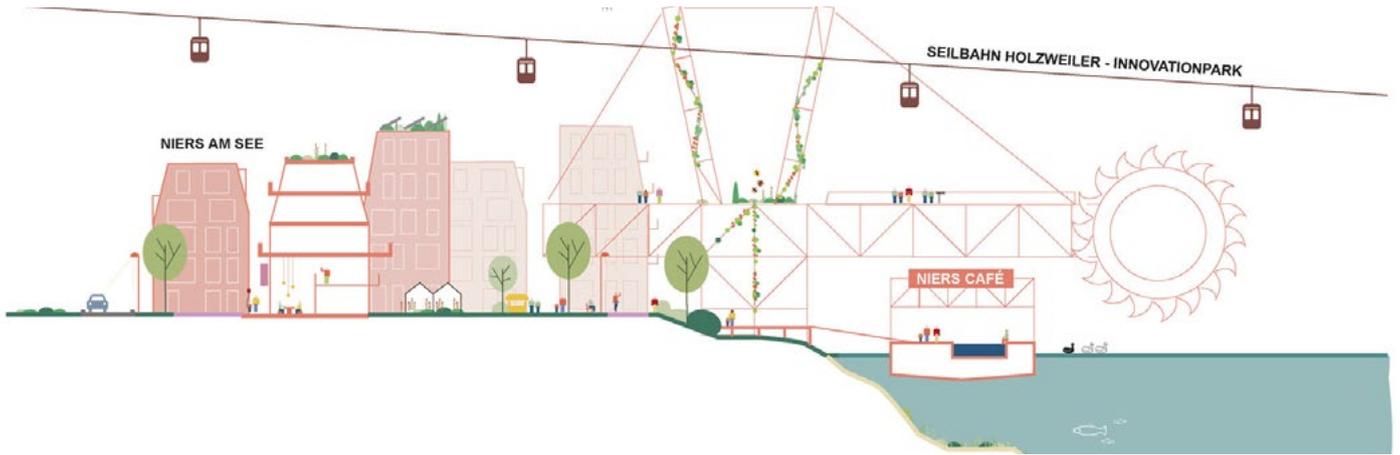
Productive energy landscape



Vision: Garzweiler Innovation Valley 2035



Raumbild 2035: 3 worlds interweave to form a common, new living space.



New town Niers am See



Natural biotope on the Nierssee