

The FLOW of Neckar

[For Life of Water]

LAGI 2022

PEOPLE

ENERGY

ECOLOGY

The barracks and grid layout of the former Spinelli Barracks site reflected the industrial past of Mannheim city. Now, is Mannheim ready for a new history? Can our design support Mannheim as a vibrant, ecological, and circular city which benefit not only people but biodiversity? Inspired by the historic tributaries of Neckar River in the city of Mannheim, our design 'FLOW of Neckar' aims to not only generate energy but also to reconnect the city and the people with its shared water history.

FLOW stands For Life of Water - a bridge for past, present and future of Mannheim and responding the climate change issue of water resources. The FLOW of Neckar uses multi-purposes canopies to generate 2,820.5 MW energy to be used in the neighbourhood. The panels in the canopy integrates solar, bio-luminescent algae, kinetic and wind energy whilst harvesting and recycling rainwater.



Historic tributaries of Neckar River

The Energy Flow

The People Flow

The Ecology Flow

A new type of Flow