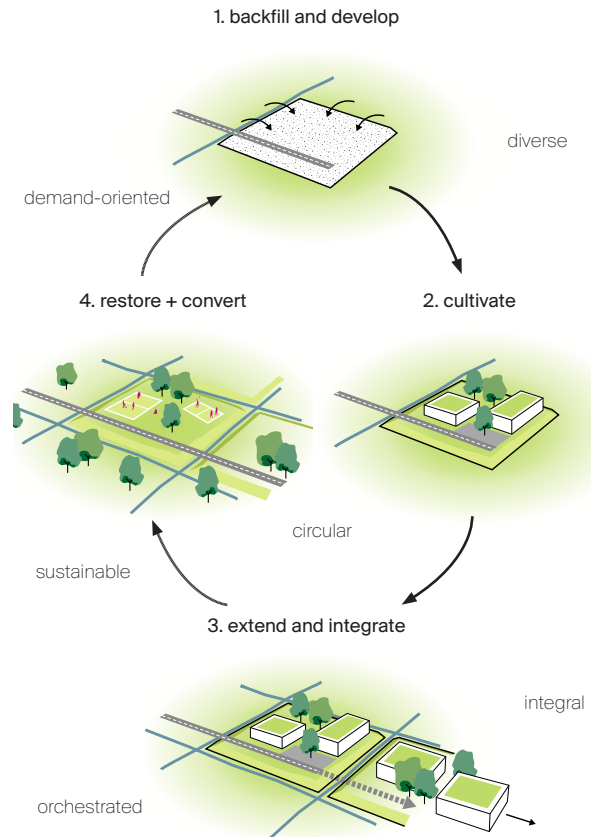


Lune Delta°... designed as closed-loop cycles

competition Lune Delta°... designed as closed-loop cycles **location** Bremerhaven, Germany **size** 150 ha **client** BiS Bremerhaven
services urban planning **status** idea **partners** Oliver Seidel **team** Tim Mohr, Britta Bahnmann, Elisa Korfage **cooperation** urbane gestalt landschaftsarchitekten, Transsolar KlimaEngineering

Taking into account the Cradle to Cradle philosophy, the Lune Delta forms an economic structure that provides design, ecological and social contribution even after the end of its period of use. The sustainable commercial area is based on the following principles: 1. integral: The structure fits into existing overall structures, arises and also benefits from them. 2. demand-oriented: Different requirements are covered by the initial cluster. The system of ditches forms its own ecosystem and areas for Commons are implemented. 3. diverse: Open space systems and the special sector mix resolve the contradiction between commercial use and landscape and contribute to creative and social diversity. 4. circular: Buildings, open space and infrastructures operate as material cycles. They support technical or biosphere principles and adapt functionally and in design. 5. sustainable: The use of renewable energies is a hybrid system, which is locally, infrastructurally and formally connected. 6. orchestrated: The cooperative Development Company Lune-Delta controls processes, ensures synergies and promotes communication.



the Lune Delta is designed as closed-loop cycles



view from the south



landscape + water



siteplan



initial cluster - view to the north