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Phase

October 2020

Luxembourg in transition

with **H+N+S Landscape, DRIFT, Deltares, Goudappel Coffeng,
Twente University & Transsolar**

Introduction

In light of the ecological global challenges, Luxembourg envisions a transition towards a carbon-free, resilient, and diverse society requiring architectural, urban, and landscape visions and designs within the framework of broad consultation. For that, we offer an approach that could set the precedent for an adaptable and forward-looking region and society. We would like to inspire and positively provoke the citizens of the Luxembourg Region with our “out-of-the-box” proposals, and designs.

The Team

We are a multi-disciplinary team composed by MVRDV, DRIFT Erasmus University Rotterdam, Goudappel Coffeng, H+N+S landscape architects, University of Twente, Deltares, and Transsolar, we are excited to offer our extensive expertise in spatial planning, in ecological transition and resilience of districts, cities, and vast territories as part of Luxembourg in transition consultation.

We will develop an inclusive design strategy involving a whole Design Team. Our design approach is iterative and relies on the active participation of all disciplines to provide an optimal design solution. Our design process, for all scales of project ranging from objects to urban development visions, is deeply collaborative: we operate as a network of specialists in intense cooperation with the client.

Conceptual approach

Our approach the overall process, comprising all stages is based on the following three main concepts:

A. The Urban Realm - the living room of the region: consisting of the themes land use, demography, housing, energy, slow mobility and focusing on urban lifestyles and responsible urbanism for the region: consisting of urban development, healthy living in the city, densification of the city, inclusive and social strategies for diversification and energy transition in housing, different strategies for abandoned areas. This leads to a design of the urban areas in the region and of neighborhoods.

B. The Landscape Realm - the treasury of the region. Landscape, nature, water, agriculture, food, and energy. Our focus is on responsible and cyclic agriculture, natural resources in which biodiversity can be restored and developed, water management and regional and local water buffering, treatment, infiltration, drinking water supply, and resiliency strategies. Results in design for the region and some exemplary valleys.

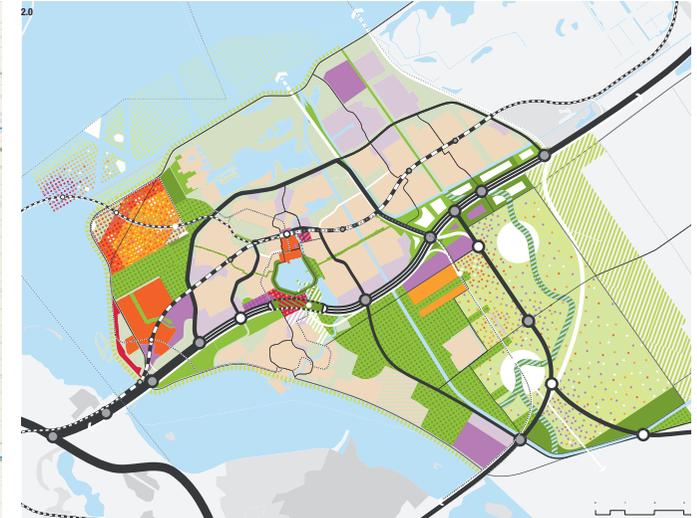
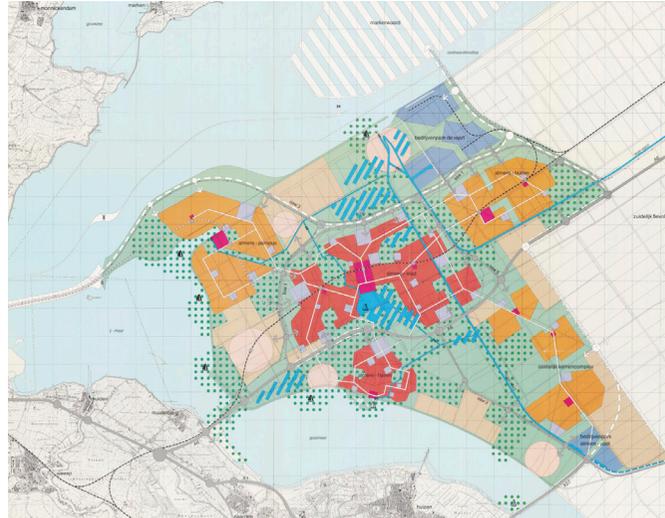
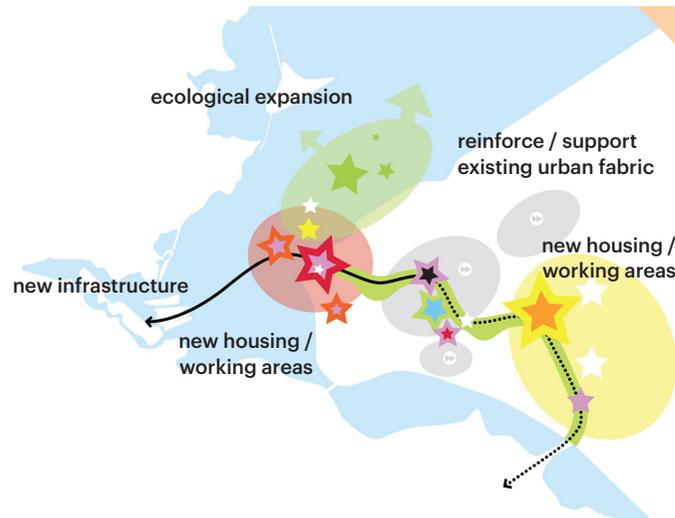
C. Sustainable economic system - the spine of the region. Mobility, working spaces, production. Development of a mobility system for regional distances and local proximity, different networks, and modes of transportation, development of digital infrastructure and working life which is related to home or neighborhood offices and enables workers to digitally access their work and avoid traffic jam, different weekly urban system, home working as a condition to stay safe, responsible and sustainable. Fully sustainable workspaces, zero-carbon spaces, and energy-producing production facilities.

For STAGE 1: The methodological framework of the transition project, we envision developing a comprehensive understanding of the study area and the relevant metrics for the transition process. To do so, we will not reinvent the wheel, but we will use all the knowledge and documentation gathered through all the technical and participatory processes. This will be the base to understand and to generate new metrics. The formula of the transition will come on understanding how spatial expertise can integrate together all the sustainable and ecological expertise towards a common dream.



ALMERE 2030 Almere, The Netherlands

Structure vision for the future urban development of Almere, by MVRDV



Masterplan and concept diagrams for Almere 2030