vrEDE 2121

A Beehive of Self-Organised Communities and Nature-Driven Designs structured within the Green Gateway between Ede and the Veluwe

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PART 1:
Our Approach
Qualities and Informants

Qualities: location, history and landscape

Location and landscape as an inspiration

Slope

Military

The Veluwe

Wageningen University

Train station

City centre

City centre

Train station

The Veluwe

Wageningen University

Train station

City centre
Problem Definition

Blank slate

Profit = money

Paved/hardened

Uniformity
Our Vision for vrEDE

In the Future vrEDE will:

...change the definition of profit through establishing a self-sustaining, organically evolving healthy community of green pioneers.

...be a place where time comes together by integrating the new into the old and translating the old into new forms of usage.

...be a place where nature connects the city and its people and drives all forms of design.
Approach

Spatial, Natural and Living Quality

- Sustainability
- Long-Term
- Heritage
The Benefits of Green: Well Being

Source: MOSS Amsterdam
PART 2:

Imagining the Future Community of vrEDE

- Green Pioneers
- People who nurture nature
- Entrepreneurs, Self-Builders, Self-Organised
- Mix of Locals and New Inhabitants to Ede
- Diverse in Age and Income
A Self-Sustainable Community

ReGen Villages

From Secretive to Open

Space10 Urban Village Project

Active Ground Floors for Cultural meeting spaces

Medium Density surrounded by Green

Tama New Town:
Spatial Concept and Components

3 Green Structuring Components

- Public Green Corridor: Main Gateway Avenue
- Recreational Obstacle Course
- Food Forest and Ecological Transition Zone

Symmetry Old Vs. New Public Connections

- Monument or Historic Military Structure
- Hydroponic Greenhouse
- Business Activities: Laboratories, Incubation Hubs
- Residential Activities: Self-Build, Medium Density
Gateway Avenue: Active Public Space combined with Nature
Gateway Avenue: Active Public Space combined with Nature

- Modular Beehive Public Spaces with Urban Farming pockets
- Historic Maps on seating areas
- Active and green outdoor facades

Veluwe

Public Gateway

Ede
Green Spaces as Active Recreation and Food Production

Play areas

Obstacle Course for Young and Old

Food Forest as ecological buffer zone

Maps on seating areas
Part 3.1
Architectural guidelines

- Adjustment to landscape
- Flexible
- Organic
- Transparent
Flexible architecture

- Modularity and multifunctionality
  - E.g. MFA Onderdak, Biggekerke (NL)
    - Elementary school ➔ care home

Modular building models

Adaptable
Organic architecture

- Recyclable materials
- One with nature (Biomimicry, Biophilia)

Human research institute, Hong Kong

Wood

Gravel and crushed stone
Transparent architecture

Opening space to light and air
Part 3.2
The landscape architecture

Ecological border zone

Self sustaining food forest
Ecological border zone
Food forest
Buffer zone & food forest with indigenous species

Indigenous species

Exotic species
From the natural space to space for nature
Part 4
Project Implementation

Where to start?
Investors
How to attract inhabitants
Future
Where to start?

Tackle the problem:

- New way of thinking

Attracting investment

- Modern, sustainable and eco friendly companies
- Municipality

Preservation and redevelopment

- Monuments
Attracting inhabitants and investors

Marketing and branding

- Eco-work environment
- Self sustainable community
- Nature and business
- Self development
The future

Phasing

Pioneer: off grid capable neighbourhood

Awareness to the history of the site: merging past, present and future

Adapting and flexible environment

Self development: de Warren
vrEDE wants to turn around the focus from wealth to health. Because we believe that well-being and quality of life is only achieved when you connect your designs to nature and the inherited landscape and history, that is what taking care means and the only way to really create a sustainable living environment and future.