

An architectural rendering of a proposed housing development. The central focus is a large, multi-story building composed of numerous interconnected hexagonal modules, resembling a beehive. These modules are arranged in a staggered, three-dimensional pattern. Some modules have solid brown facades, while others feature large, honeycomb-patterned openings that allow light and air to pass through. The building is surrounded by lush greenery, including trees and grass. In the foreground, a grassy field is visible with a few people walking and a dog. In the background, other similar but smaller hexagonal structures are scattered across a landscape with more trees and a blue sky with soft clouds. A small, dark object, possibly a drone or a bird, is visible in the upper left sky area. The overall atmosphere is bright and airy, suggesting a harmonious blend of urban development and nature.

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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- Landscape Guidelines

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- Implementation
- Marketing, Branding
- Phasing



PART 1: Our Approach

Qualities and Informants

Qualities: location, history and landscape

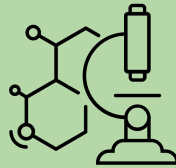
Location and landscape as an inspiration



City centre



Train station



Wageningen University



The Veluwe

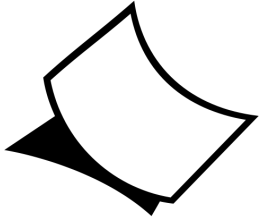


Military

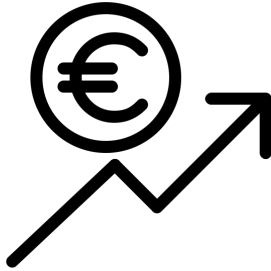


Slope

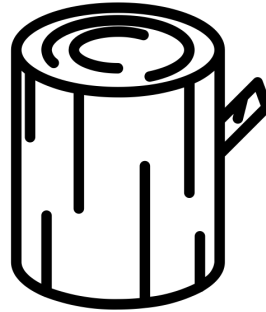
Problem Definition



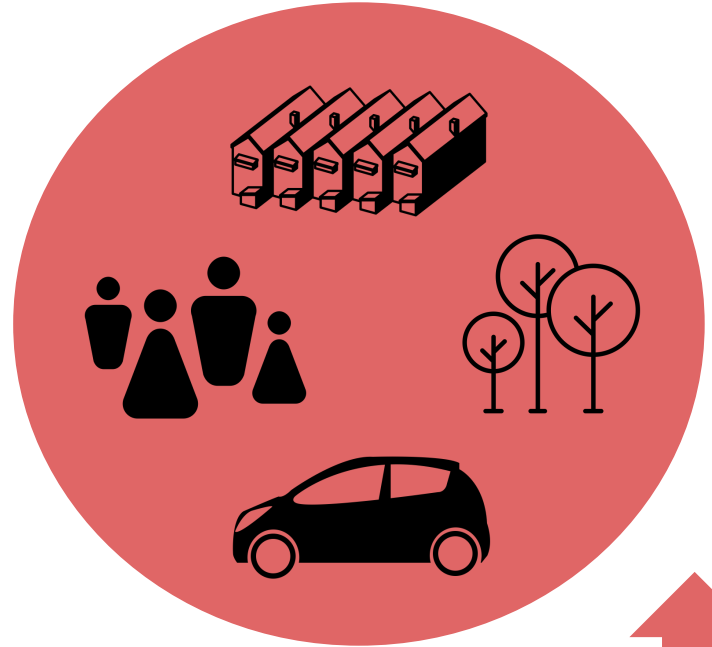
Blank slate



Profit = money

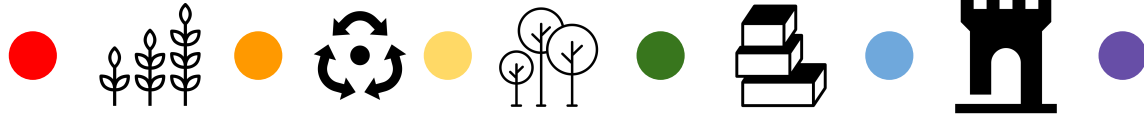


Paved/hardened



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.

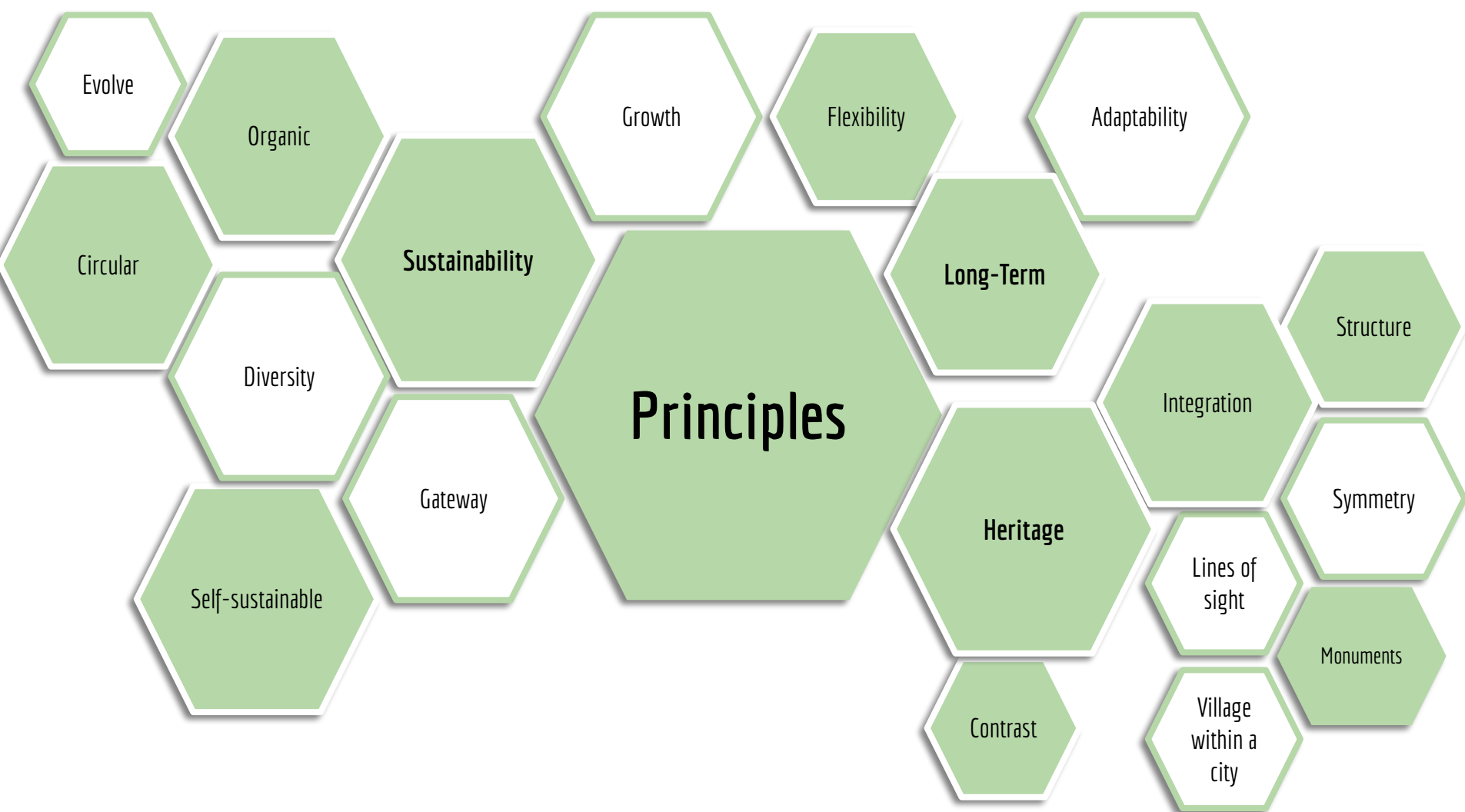
Approach

Spatial, Natural and Living Quality

Sustainability

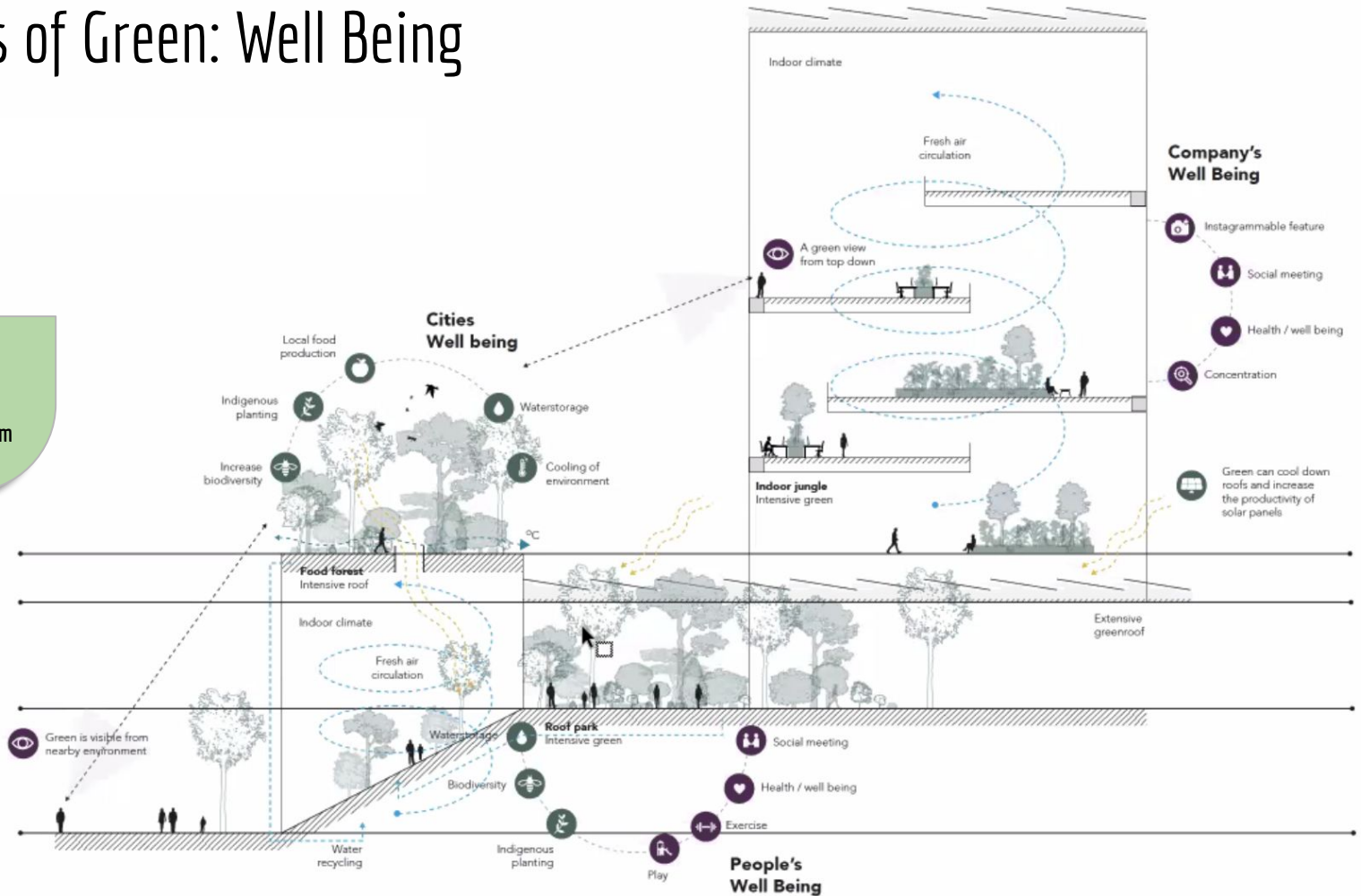
Long-Term

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

Diverse in
Age and
Income

Mix of
Locals and
New
Inhabitants
to Ede

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:


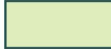

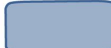

Spatial Concept and Components



Symmetry
Old Vs. New
Public
Connections

3 Green Structuring Components

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

-  Monument or Historic Military Structure
-  Hydroponic Greenhouse
-  Hydroponic Greenhouse
-  Business Activities: Laboratories, Incubation Hubs
-  Residential Activities: Self-Build, Medium Density

Gateway Avenue: Active Public Space combined with Nature



Veluwe

Gateway Avenue

Public
Gateway

Ede



Gateway Avenue: Active Public Space combined with Nature



Modular Beehive Public Spaces with Urban Farming pockets

Veluwe

Gateway Avenue

Public Gateway

Ede

Historic Maps on seating areas



Kazerneterrein Maurits-Zuid in de jaren '40.



Active and dgreen outdoor facades



Green Spaces as Active Recreation and Food Production

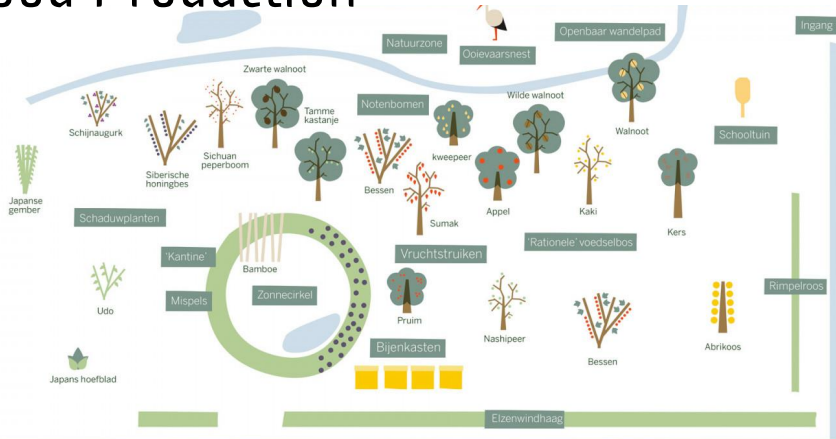
Play areas



Obstacle Course for Young and Old



Food Forest as ecological buffer zone



Maps on seating areas



An aerial view of a modern architectural model. The model features several buildings with green roofs, pedestrian paths, and landscaped areas with trees and small figures of people. The overall design is integrated with the surrounding landscape.

Part 3.1

Architectural guidelines

Adjustment
to landscape

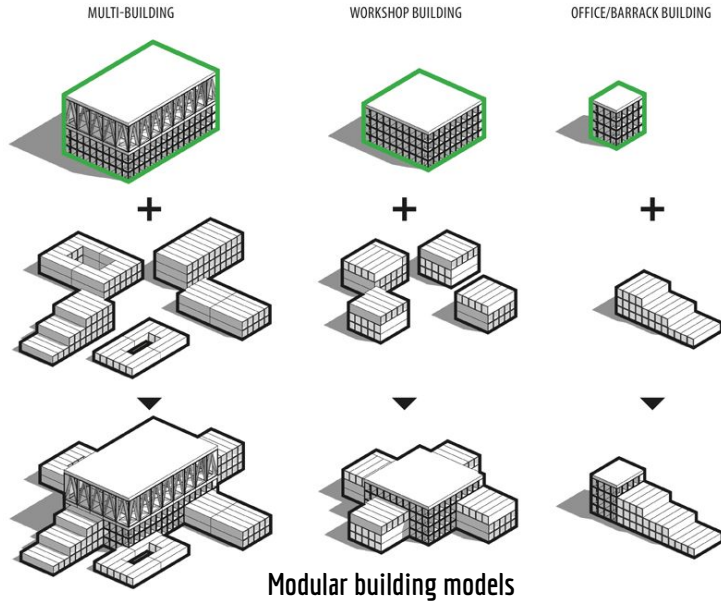
Flexible

Organic

Transparent

Flexible architecture

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



Elementary school



Adaptable

Care home



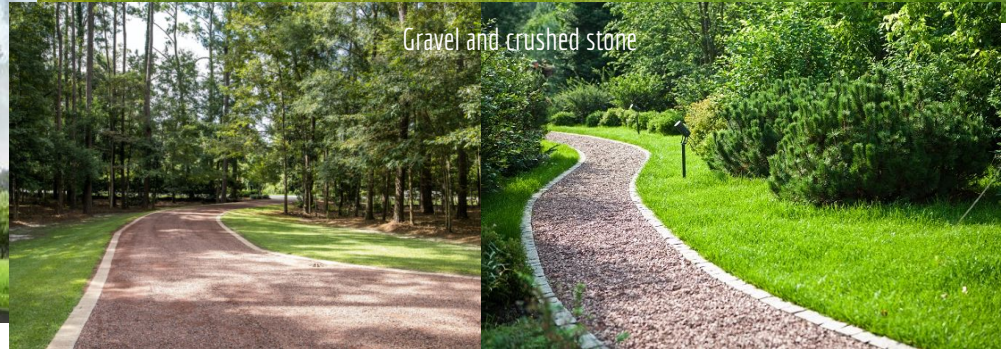
Organic architecture

- 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

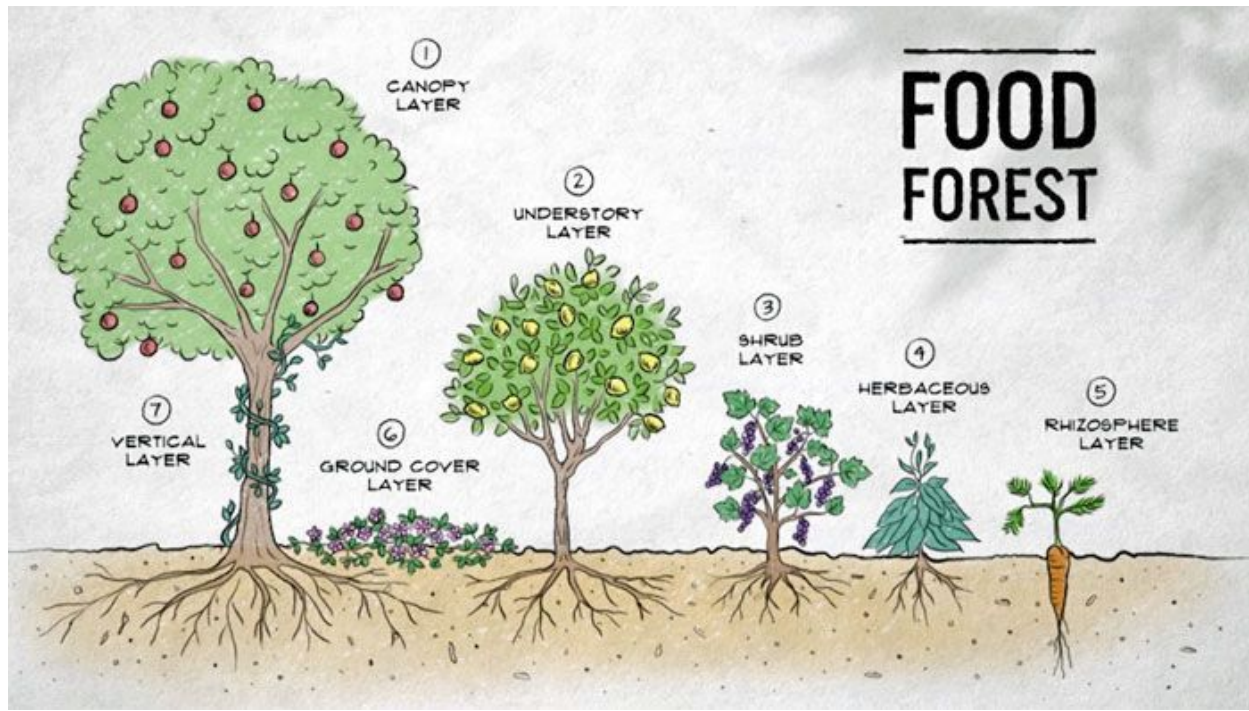


Self sustaining
food forest

Ecological border zone



Food forest



WORLD
FOOD
CENTER



Buffer zone & food forest with indigenous species

Food forest with exotic species

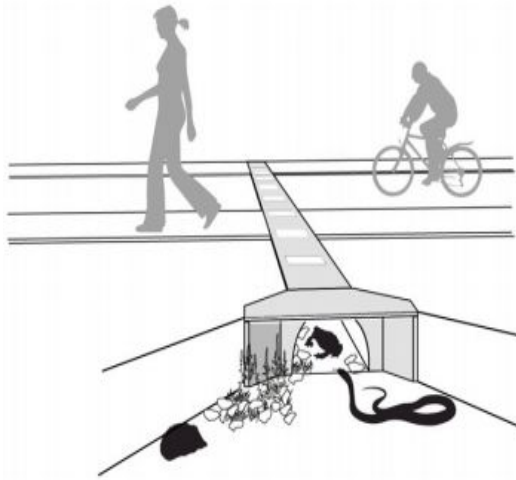
Indigenous species



Exotic species



From the natural space to space for nature



Part 4

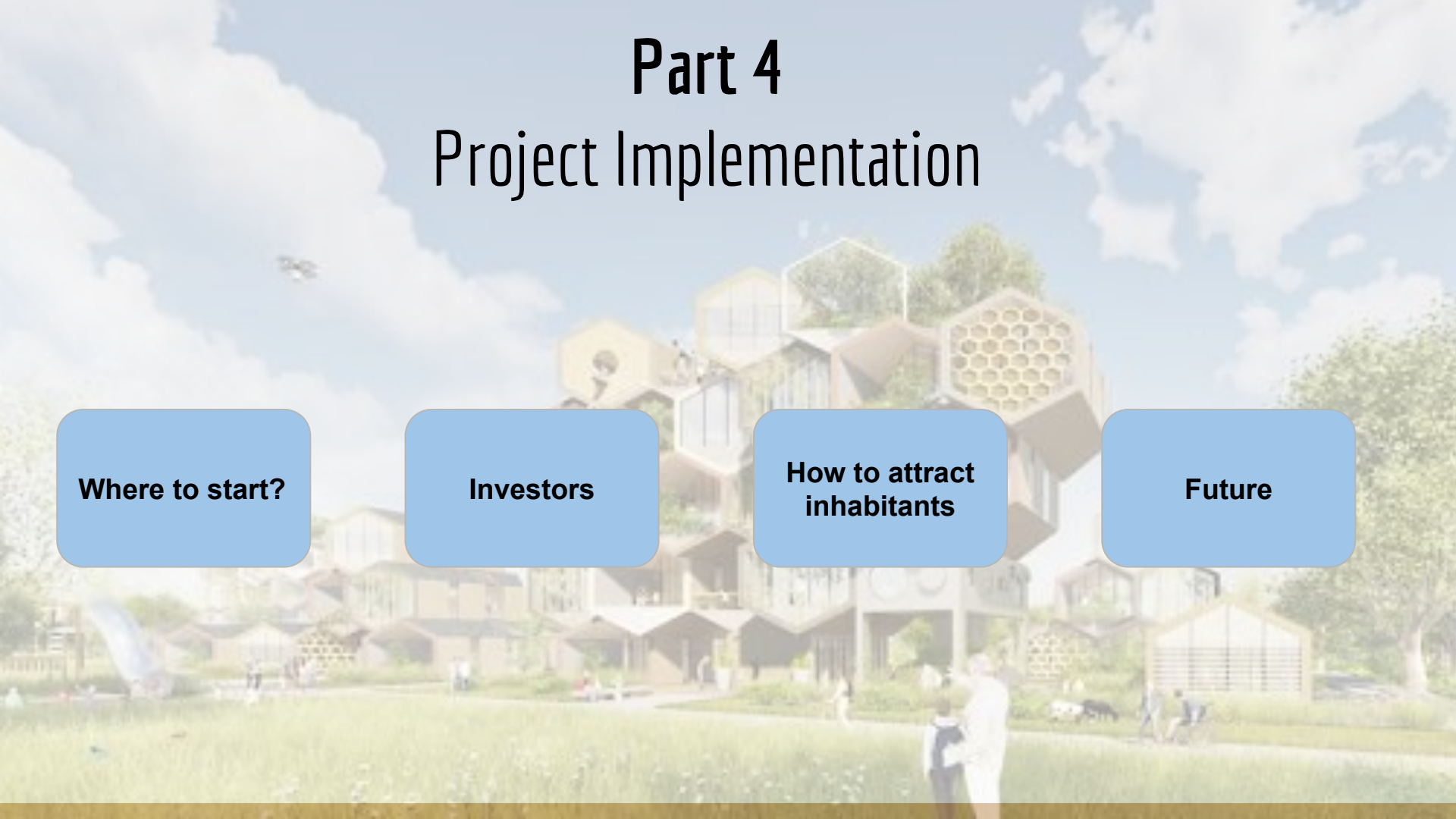
Project Implementation

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

De Warren Self-Build Project: Amsterdam



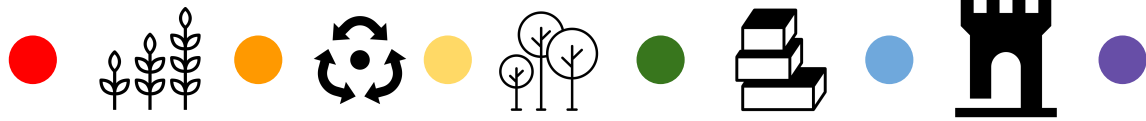
Pioneer: off grid capable neighbourhood

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

Adapting and flexible environment

Self development: de Warren

From wealth to health



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**.

Attract
Future Green
Pioneers and
Partners

vrEDE 2121

Food Forest,
Green Avenue
and
Transition
Zone