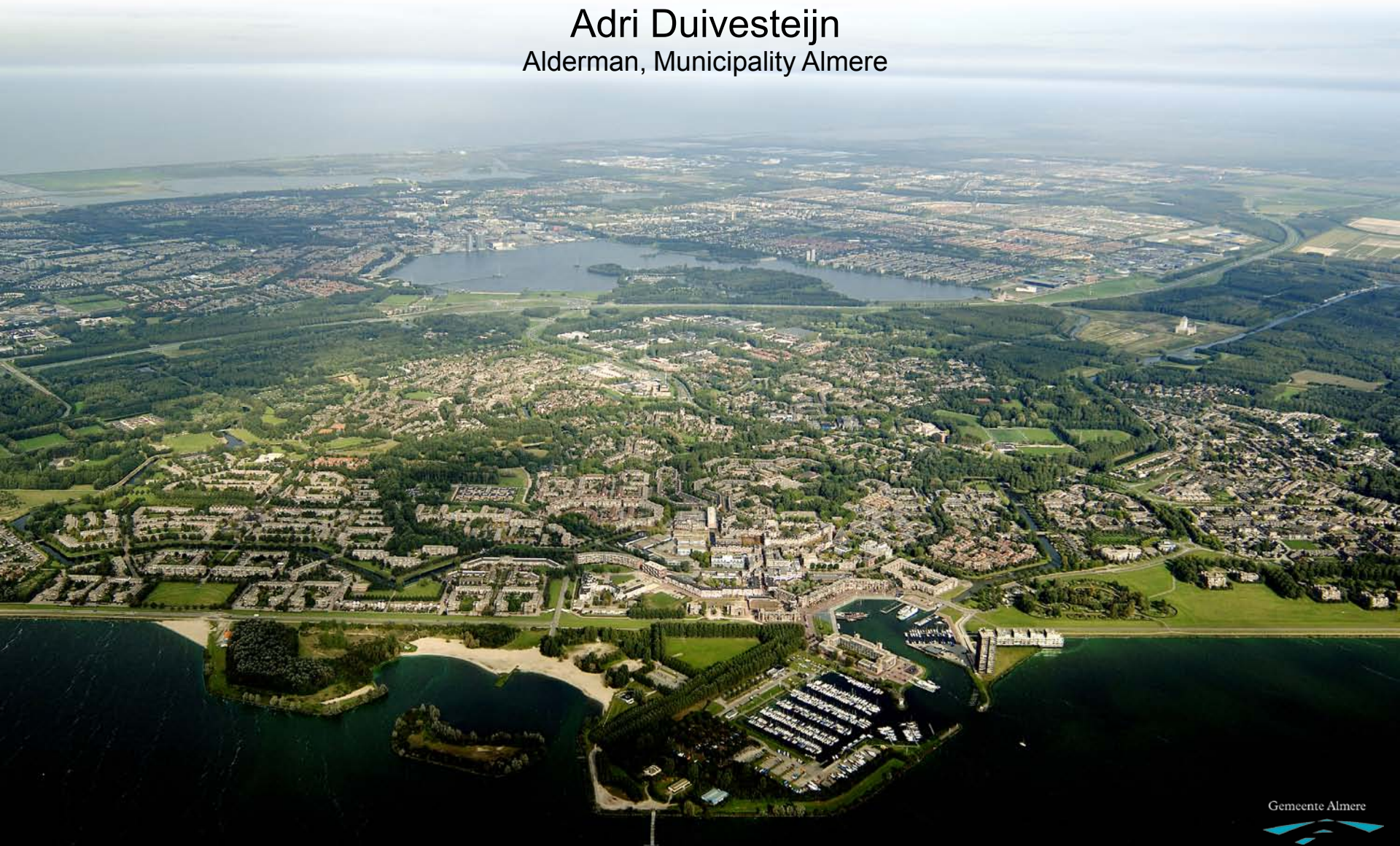


Green City Almere

Adri Duivesteijn
Alderman, Municipality Almere



Where and what is Almere?

Europe > The Netherlands > Almere



Europe



The Netherlands

Green City Almere

Landscape city, garden city, park city, suburban city?



Estate Almere

"To me, the entire Almere project was like making a dream come true. In days of old, the aristocracy left town and established country estates. And now we were given the opportunity, thanks to our sound tax system and a high level of education, to develop a country estate for a quarter of a million people."

Teun Koolhaas

The making of new land

De Zuiderzeewerken

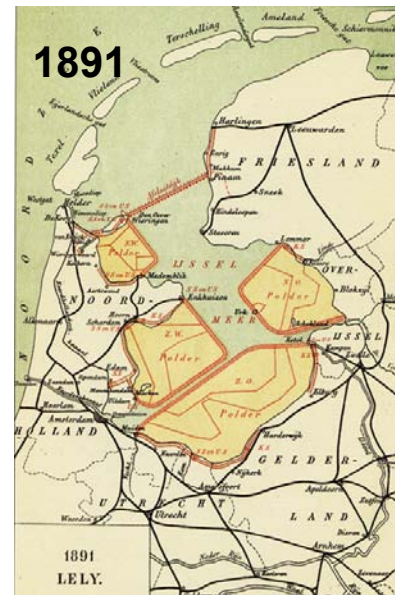
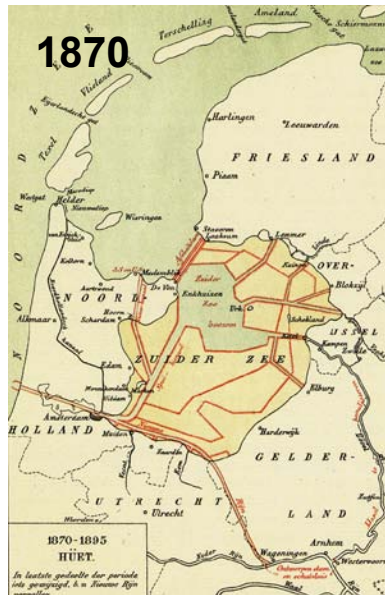
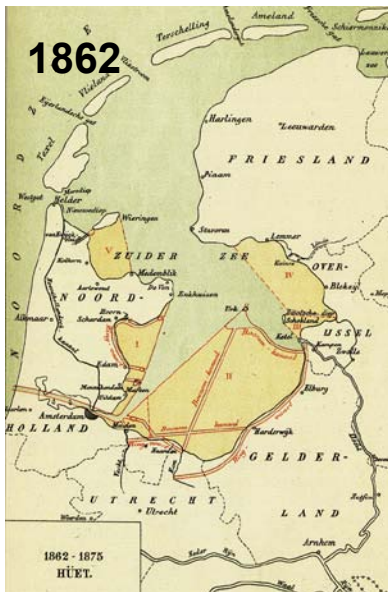
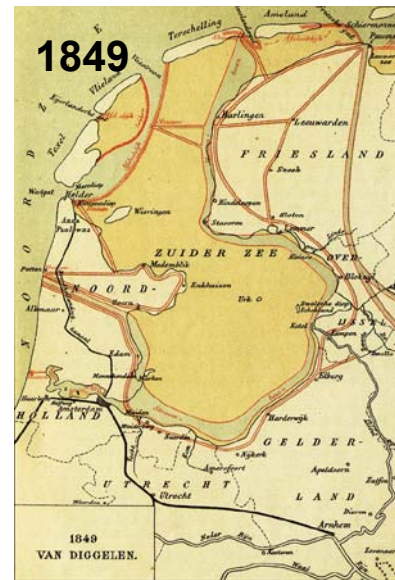
Goals

Water protection

Fresh water basin

Agriculture

Better connections
between different
parts of The
Netherlands



Structure Plan 1961

Structure Plan for the Southern IJssellake polders



Basic plan for
reclamation of
Flevoland

Extra task:

Space for expansion
needed

Recreational areas

Infrastructure

Plan Markerwaard not
implemented

Programmed green as part of the city

Ebenezer Howard

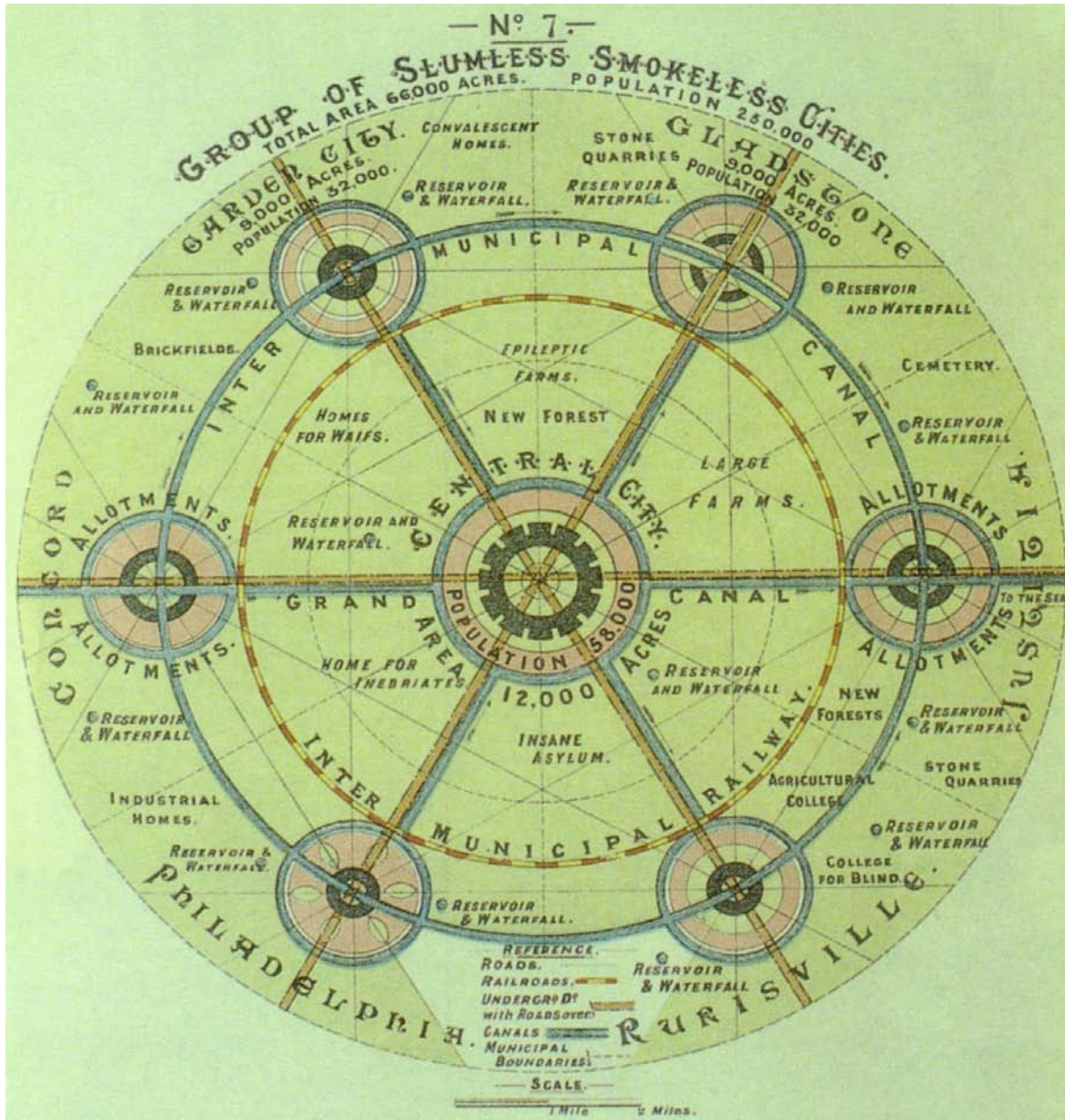
Social Model

Town-country

Multiple cores
embedded in green

Green is fundamental part of the city

Self-sufficient city



Garden City Model

Ebenezer Howard

Garden Cities of Tomorrow, 1902

“But neither the Town magnet nor the Country magnet represents the full plan and purpose of nature. Human society and the beauty of nature are meant to be enjoyed together. The two magnets must be made one ()

The town is the symbol of society – of mutual help and friendly co-operation, of fatherhood, motherhood, brotherhood, sisterhood, of wide relations between man and man – of broad, expanding sympathies – of science, art, culture, religion.

And the country!


The country is the symbol of God’s love and care for man. All that we are and all that we have come from it. Our bodies are formed of it; to it they return. We are fed by it, clothed by it, and by it we are warmed and sheltered. Its beauty is the inspiration of art, of music, of poetry. Its forces propel all wheels of industry. It is the source of all health, all wealth, all knowledge. But its fullness of joy and wisdom has not revealed itself to man. Nor can it ever, so long as this unholy, unnatural separation of society and nature endures.

Town and country must be married, and out of this joyous union will spring a new hope, a new life, a new civilization”.

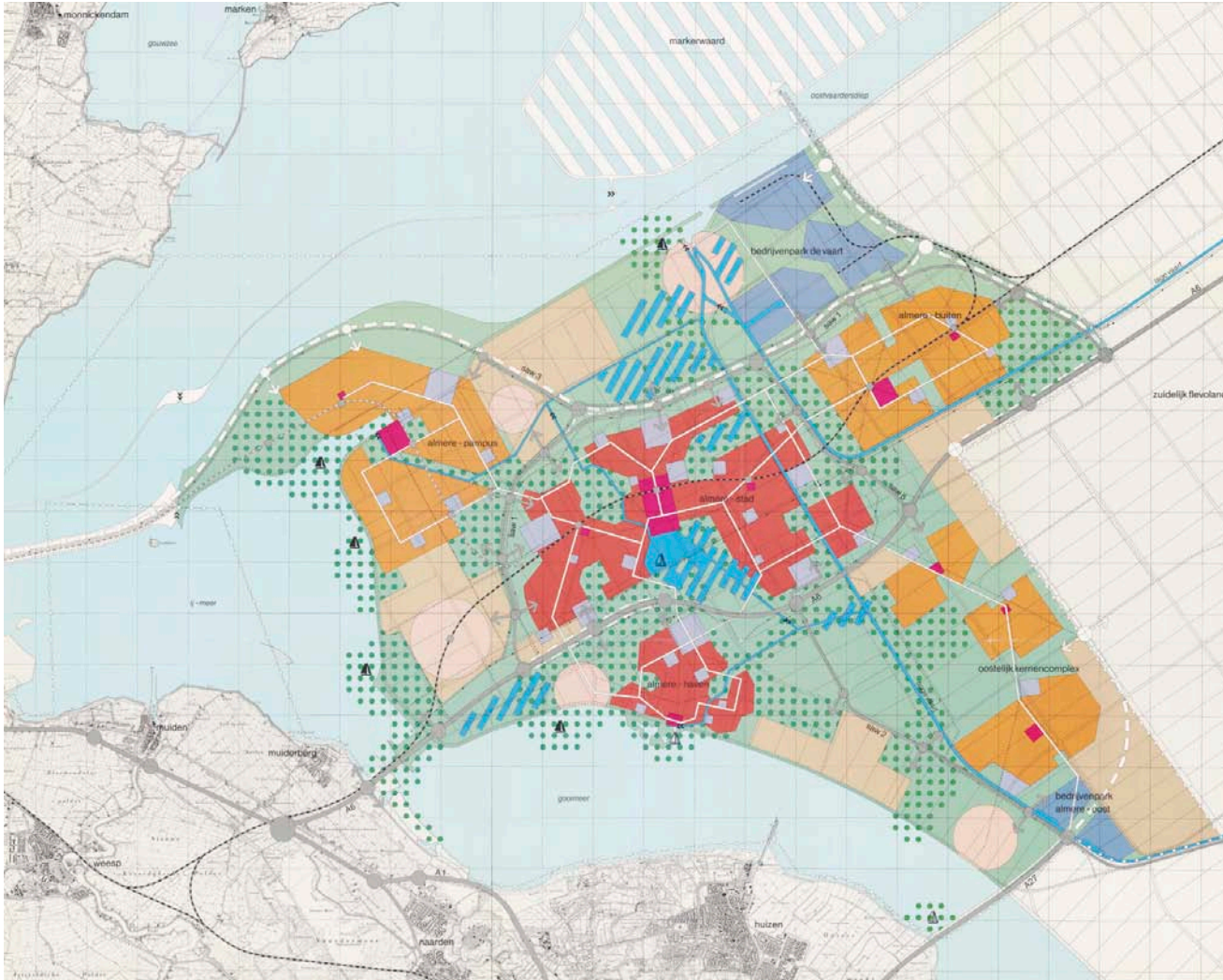
Almere a city with multiple cores embedded in green

Multiple core – city

Strong connection with the environment



Basis for development of Almere



Development of Almere

Dikes and canals

1967



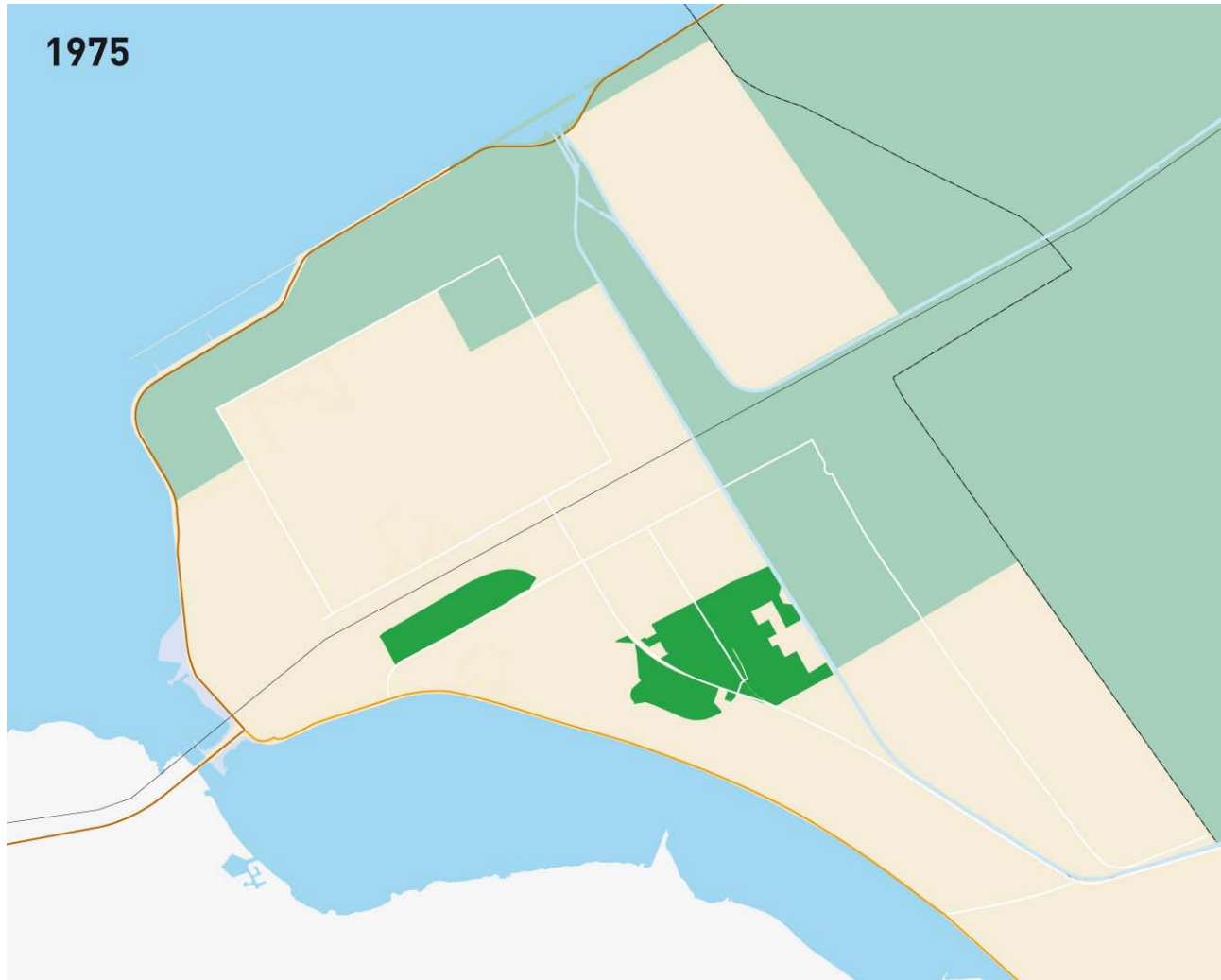
Development of Almere

Pumping water



Development of Almere

Making forests



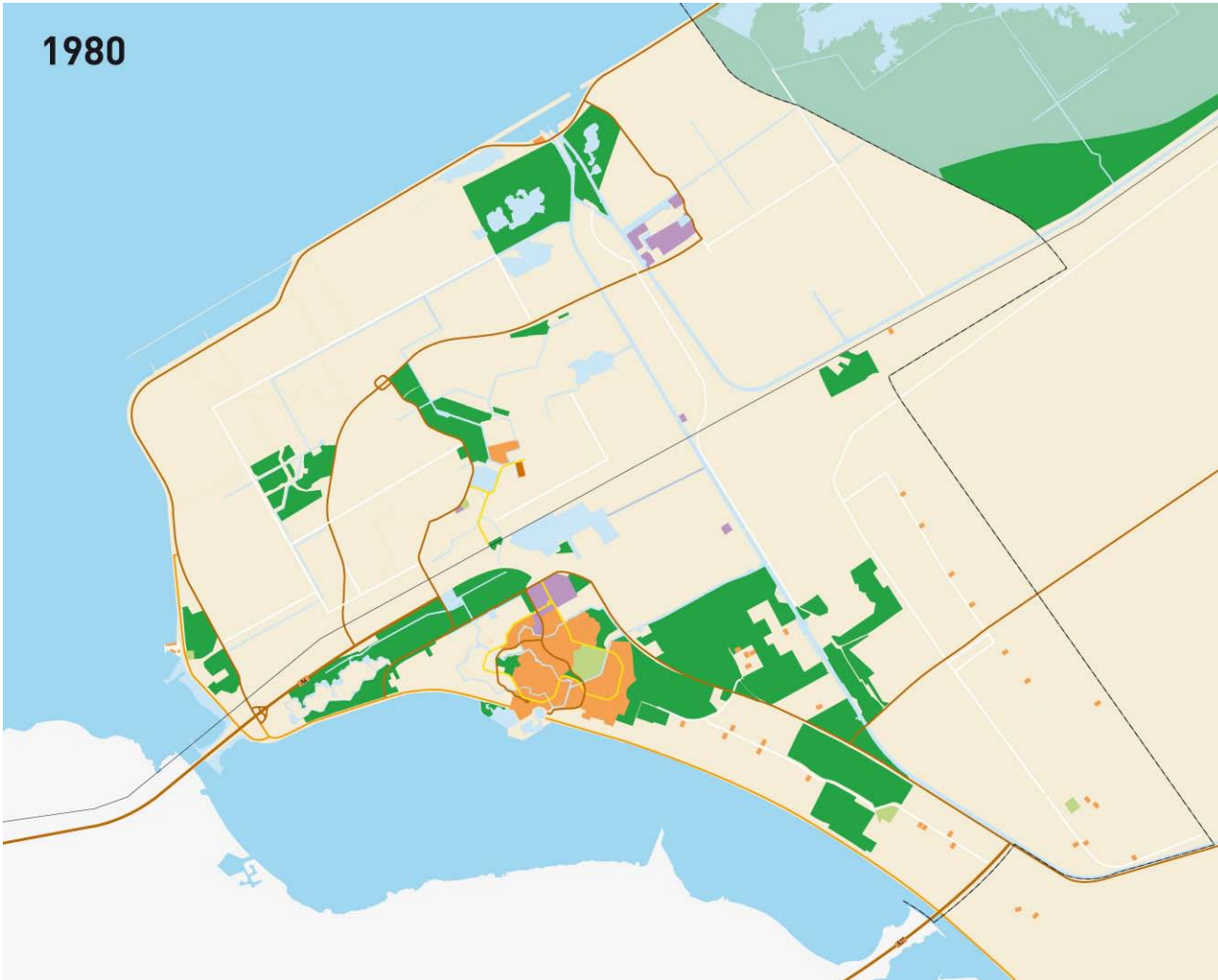
Development of Almere

**First core:
Almere Haven**

Forests and lakes

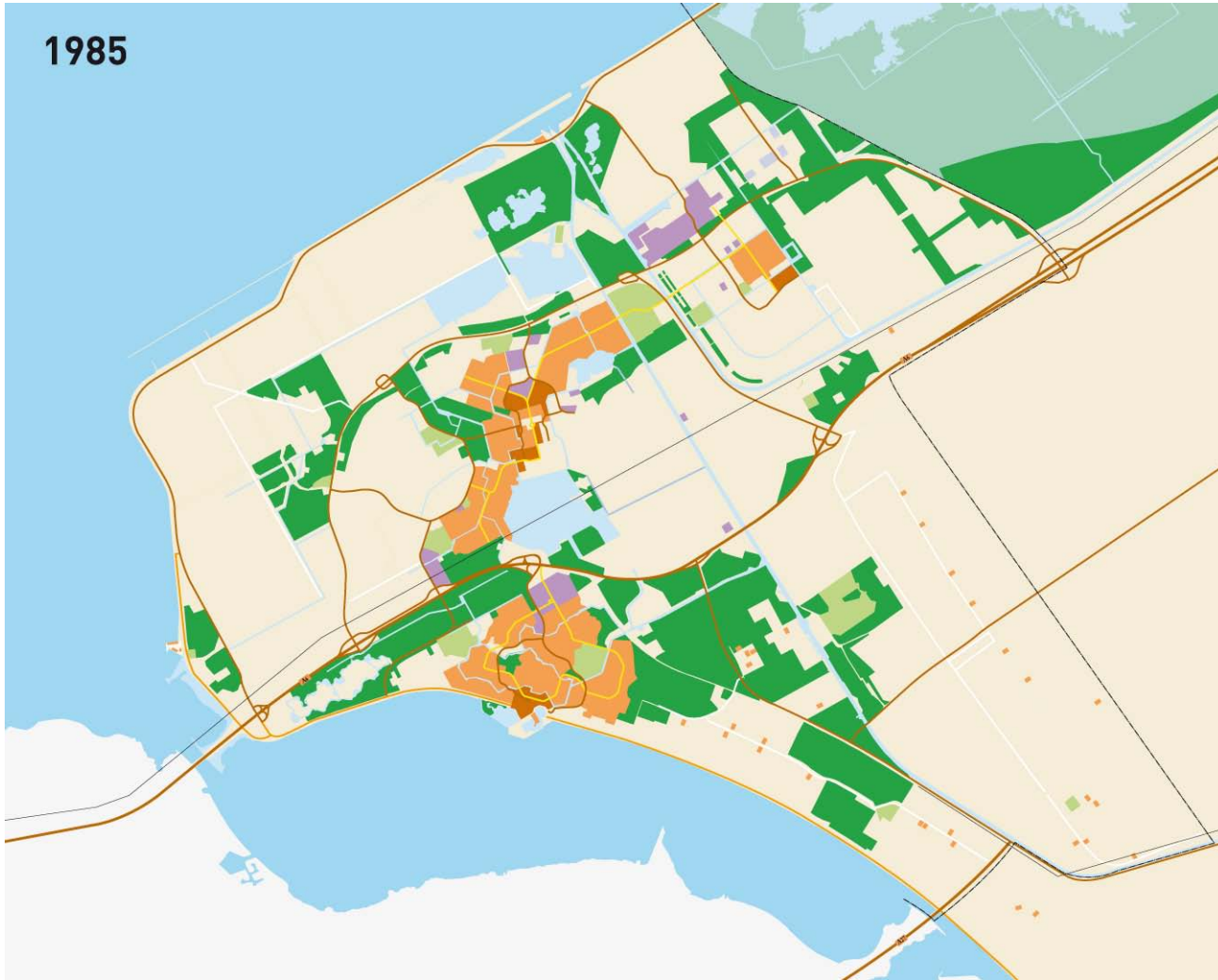
Infrastructure

1980



Development of Almere

1985



**Second core:
Almere City**

**Expansion lakes
and forests**

Adding facilities

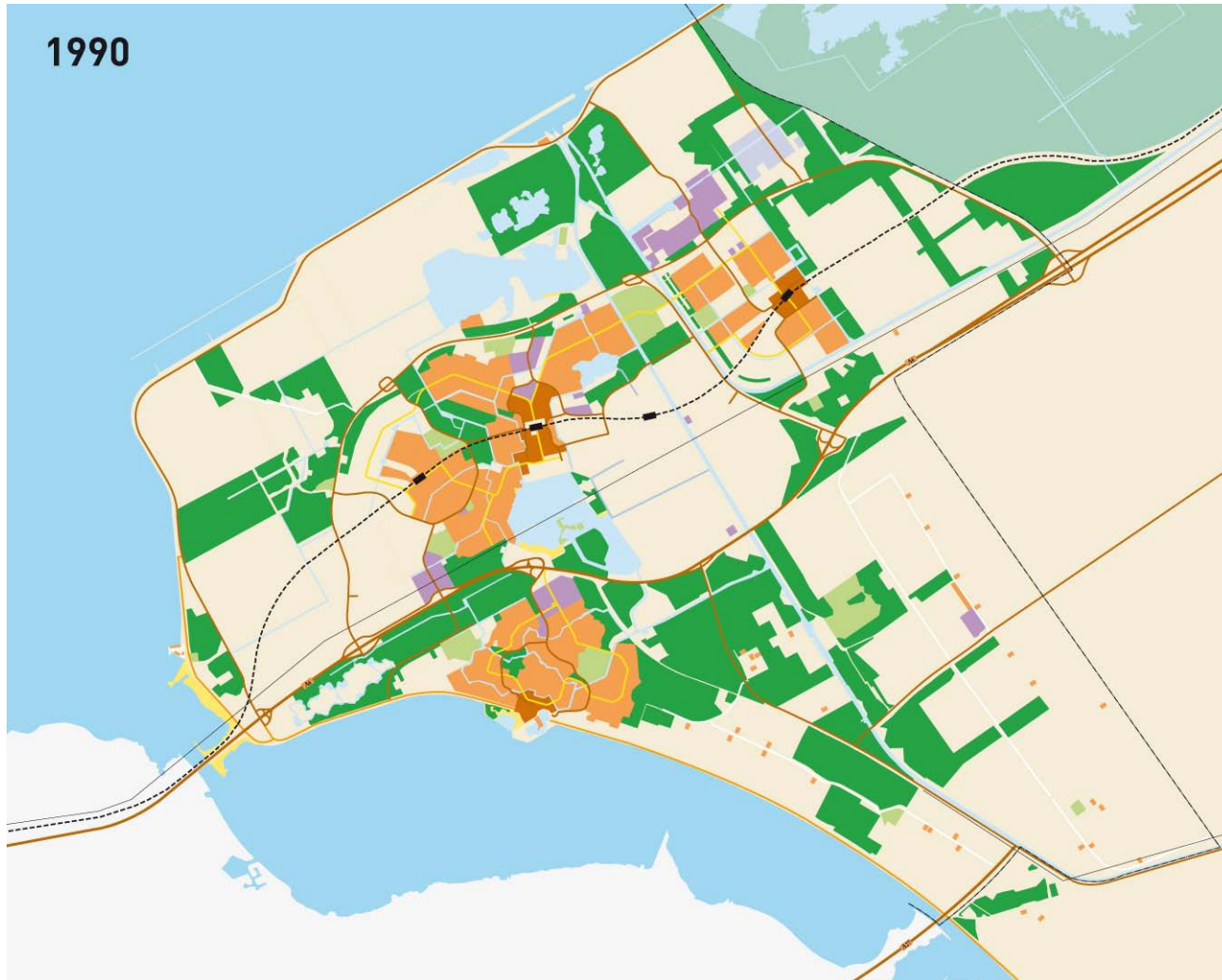
Infrastructure

Development of Almere

**Third Core:
Almere Buiten**

Public transport

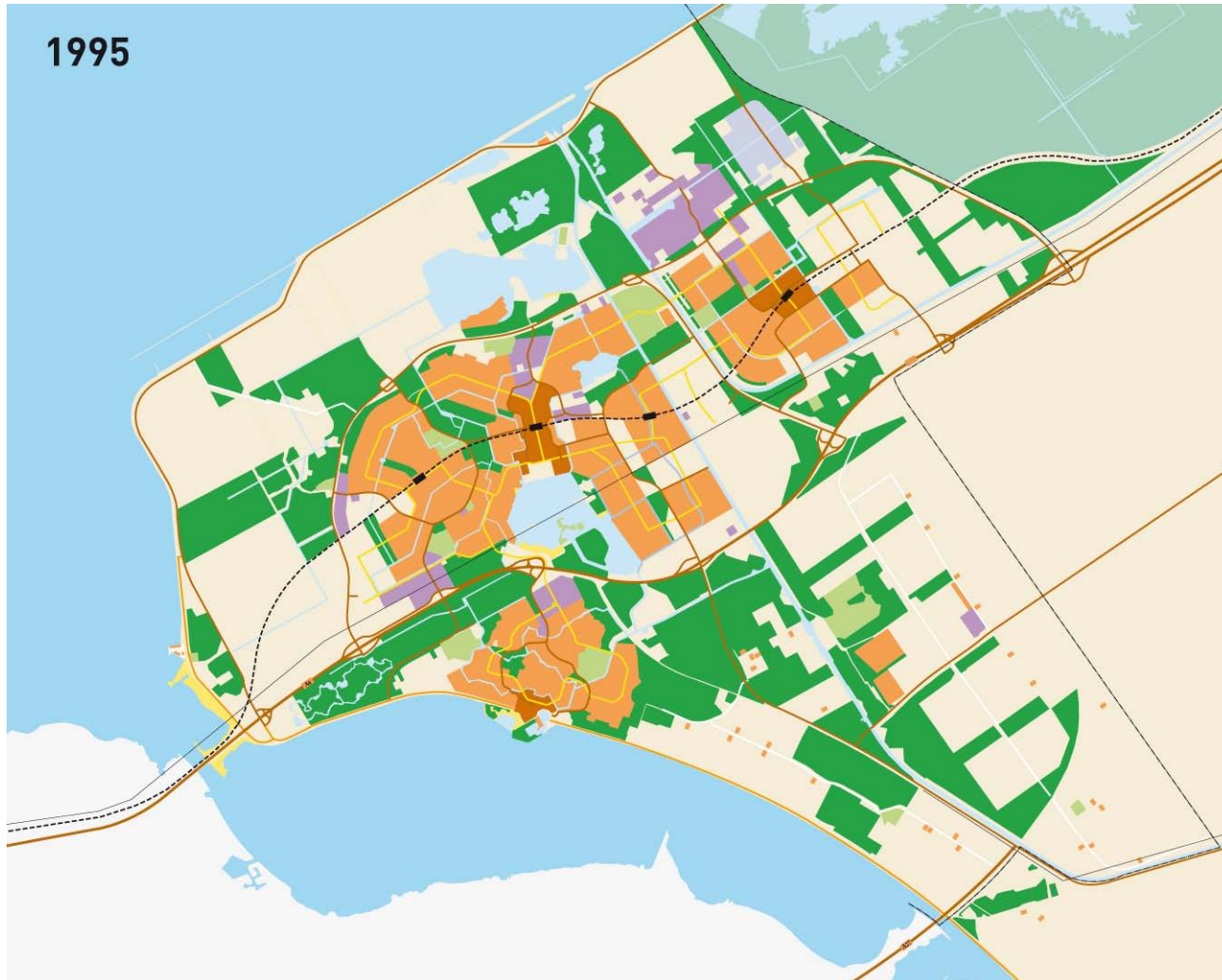
**Expansion lakes and
forests**



Development of Almere

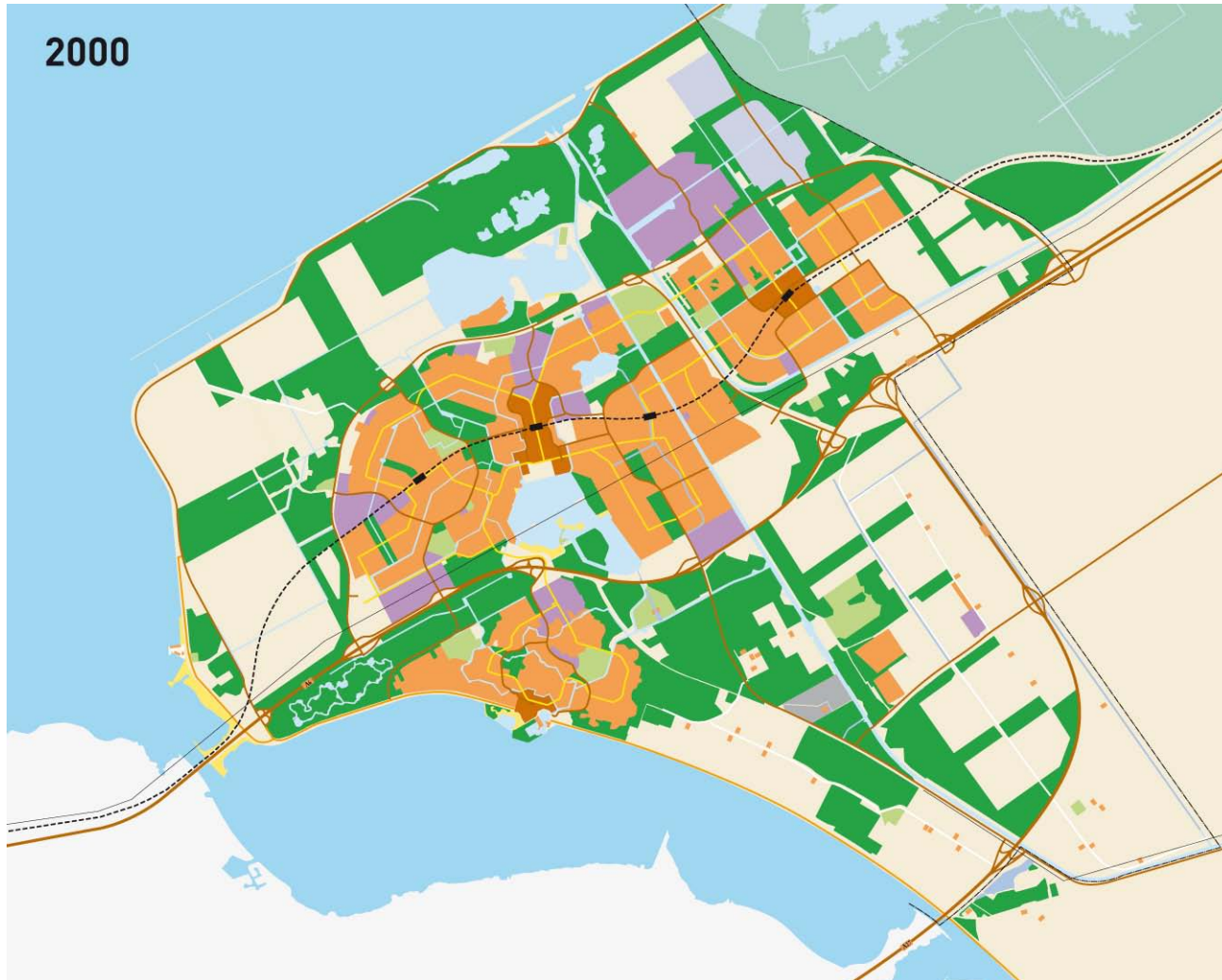
**Fourth core:
Almere Hout**

**Expansion cores,
facilities and green**



Development of Almere

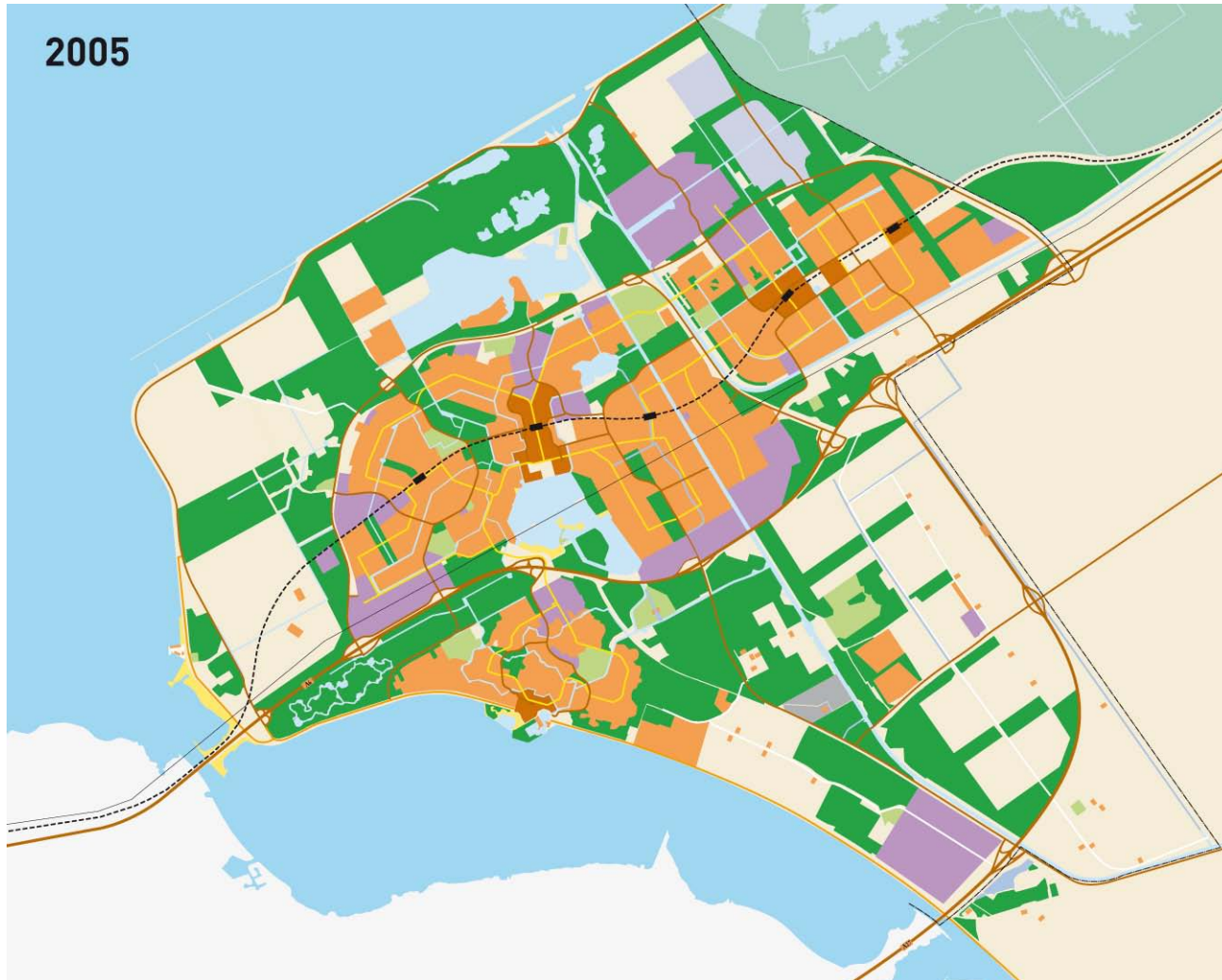
Expansion cores,
facilities, landscape
and green



Development of Almere

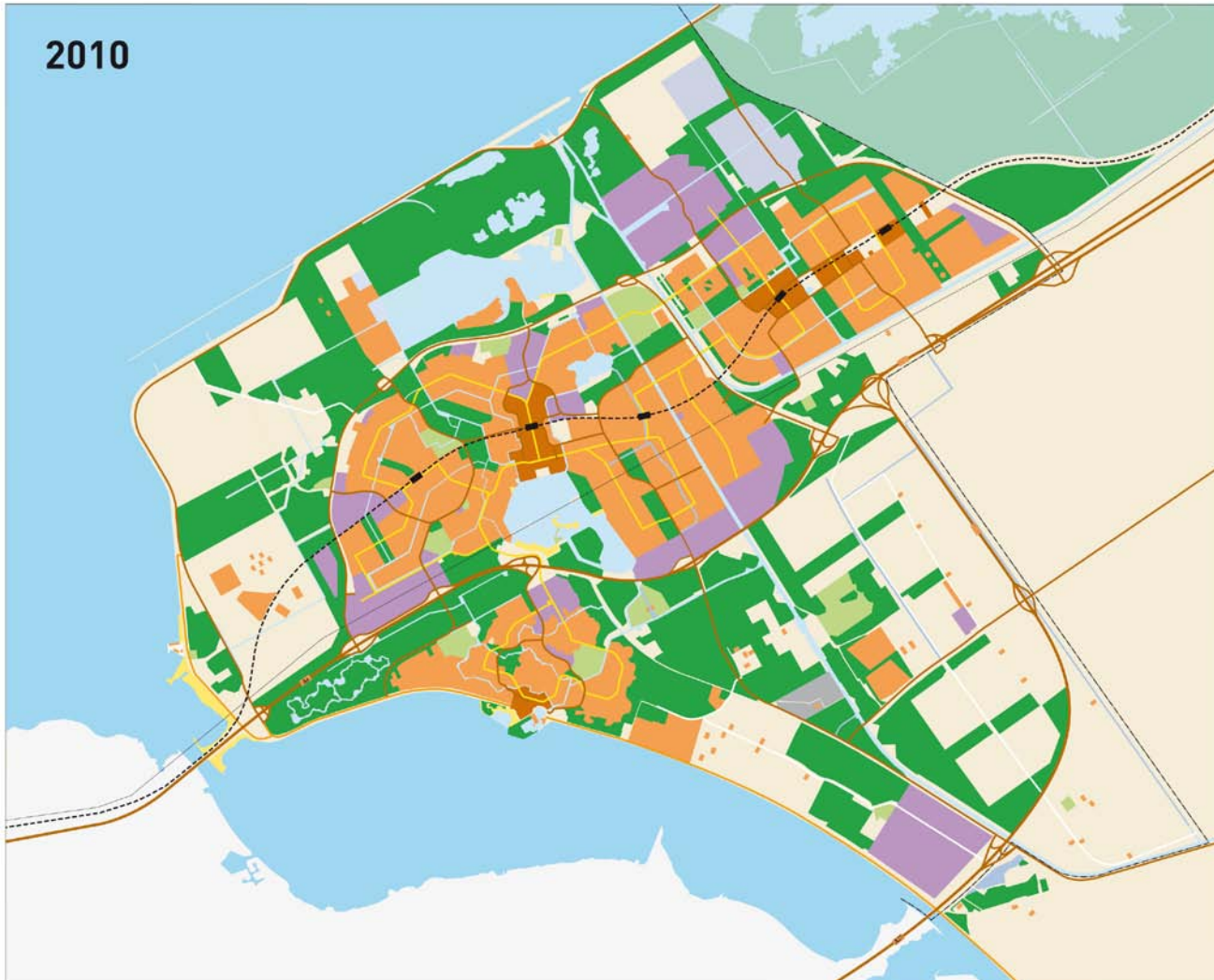
**Fifth core:
Almere Poort**

**Expansion cores,
facilities and green**



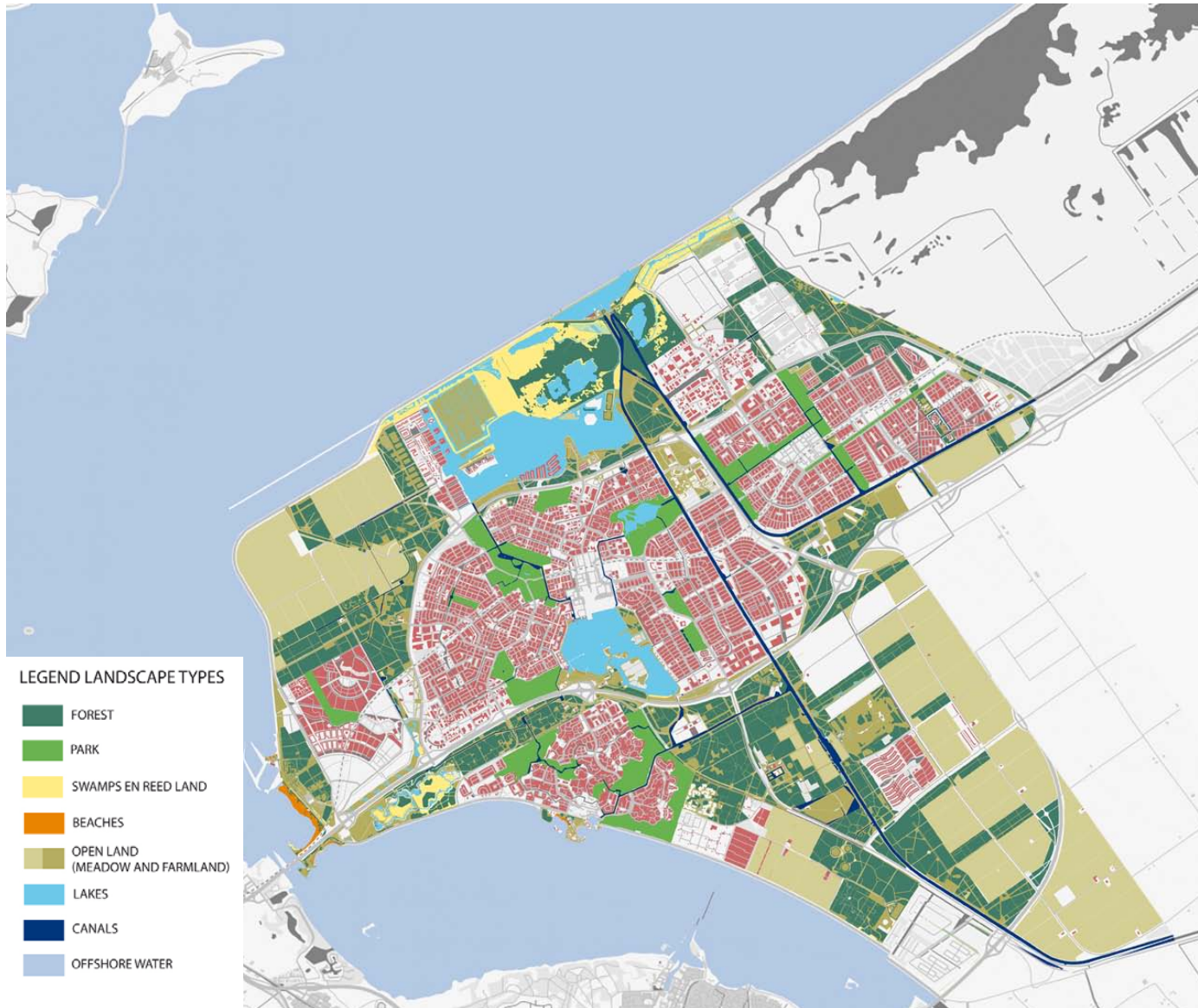
Development of Almere

Expansion cores,
facilities and green



Green City Almere 1.0

Fundaments of green



Fundaments green are visible, but

Green is distanced from the urbanized area;

Green is only partially developed;

Green is not yet integrated with the city.

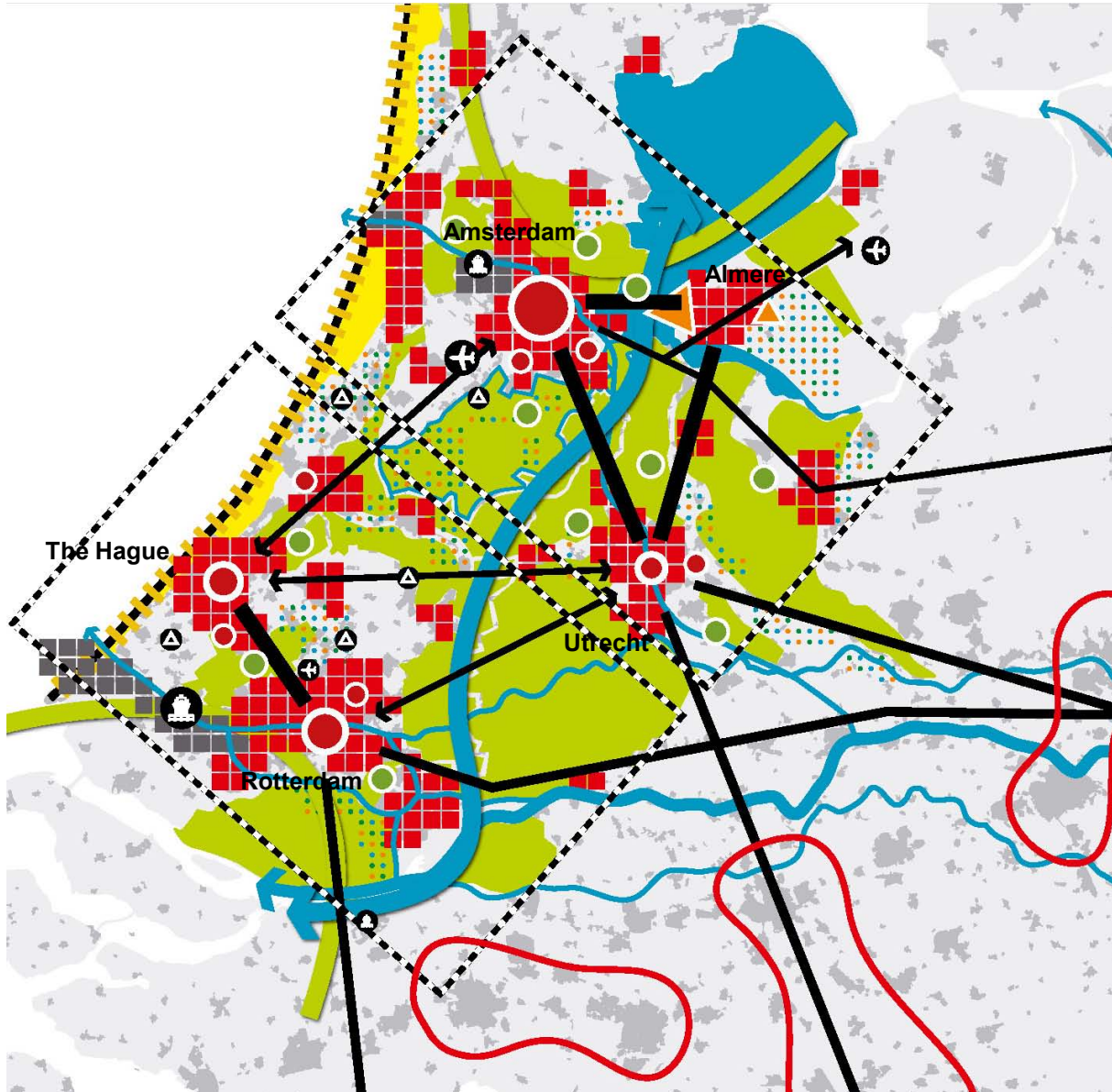
But also consider that

Green is very young (35 years);

Opportunities to develop it further

Metropolitan Area Amsterdam

Structure Vision of the Randstad Area for 2040



National policy

Northern Randstad

Southern Randstad

Strengthen the Triangle Amsterdam-Utrecht - Almere

+ 220.000 dwellings

+ economic development

+ infrastructure

Metropolitan Area of Amsterdam

Development strategy including New Town Almere



Task Almere 2030

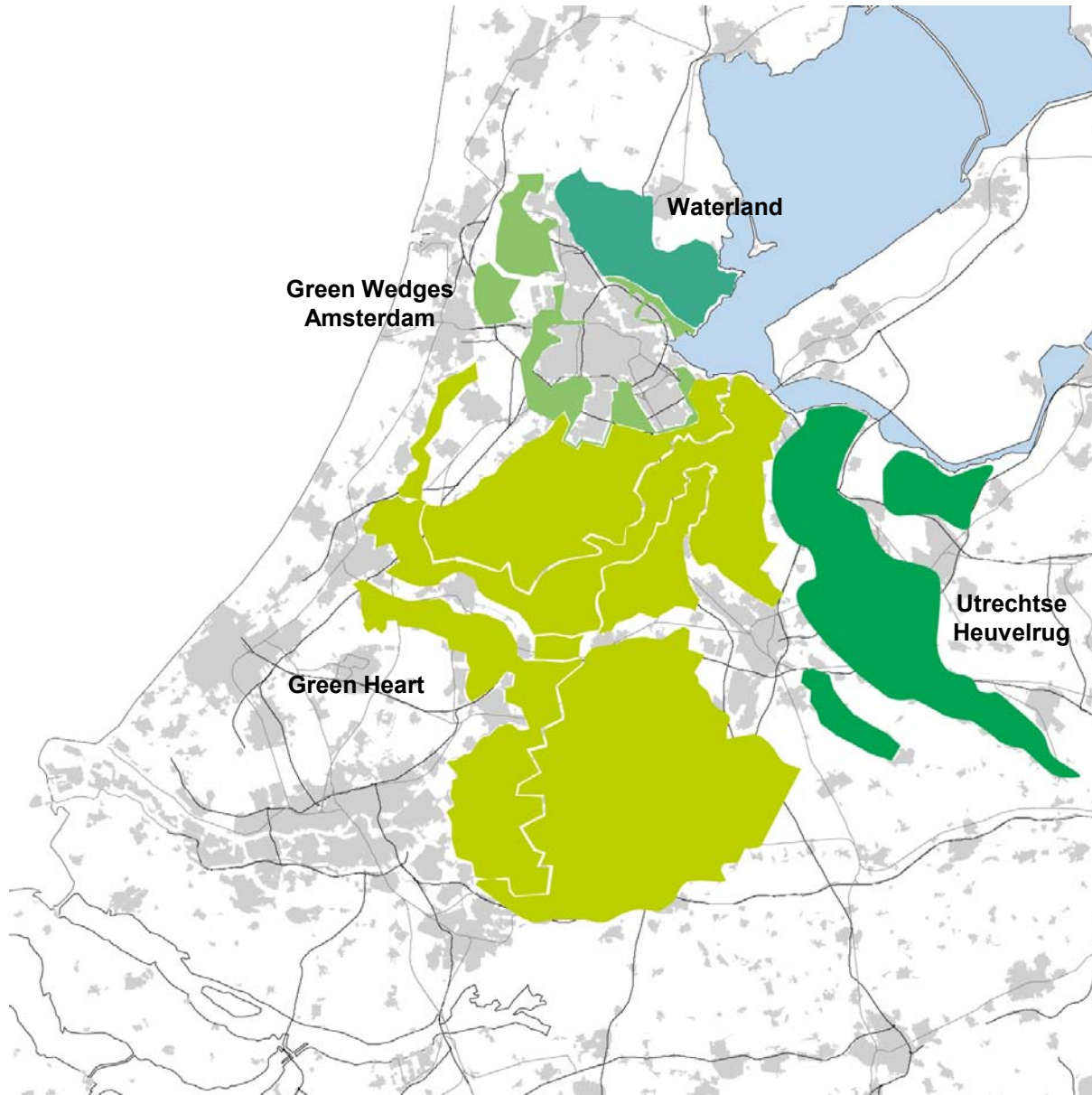
60.000 new dwellings

100.000 extra jobs

→ Almost doubling the existing city

Preserve Landscapes

Green Landscapes of National and Regional importance



Waterland

**Green wedges
Amsterdam**

Green Heart

Utrechtse Heuvelrug

Landscape Typologies

Green Landscapes of National and Regional importance



Waterland



Green wedges
Amsterdam



Green Hart



Utrechtse Heuvelrug



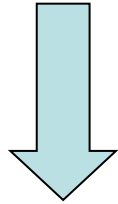
What kind of city model?

In which way we facilitate the growth task?

1. Urban, densification, a compact city-model

2. Sub-urban, scattered, a multiple-core city model

→ Estimate the young city concept (35 years)



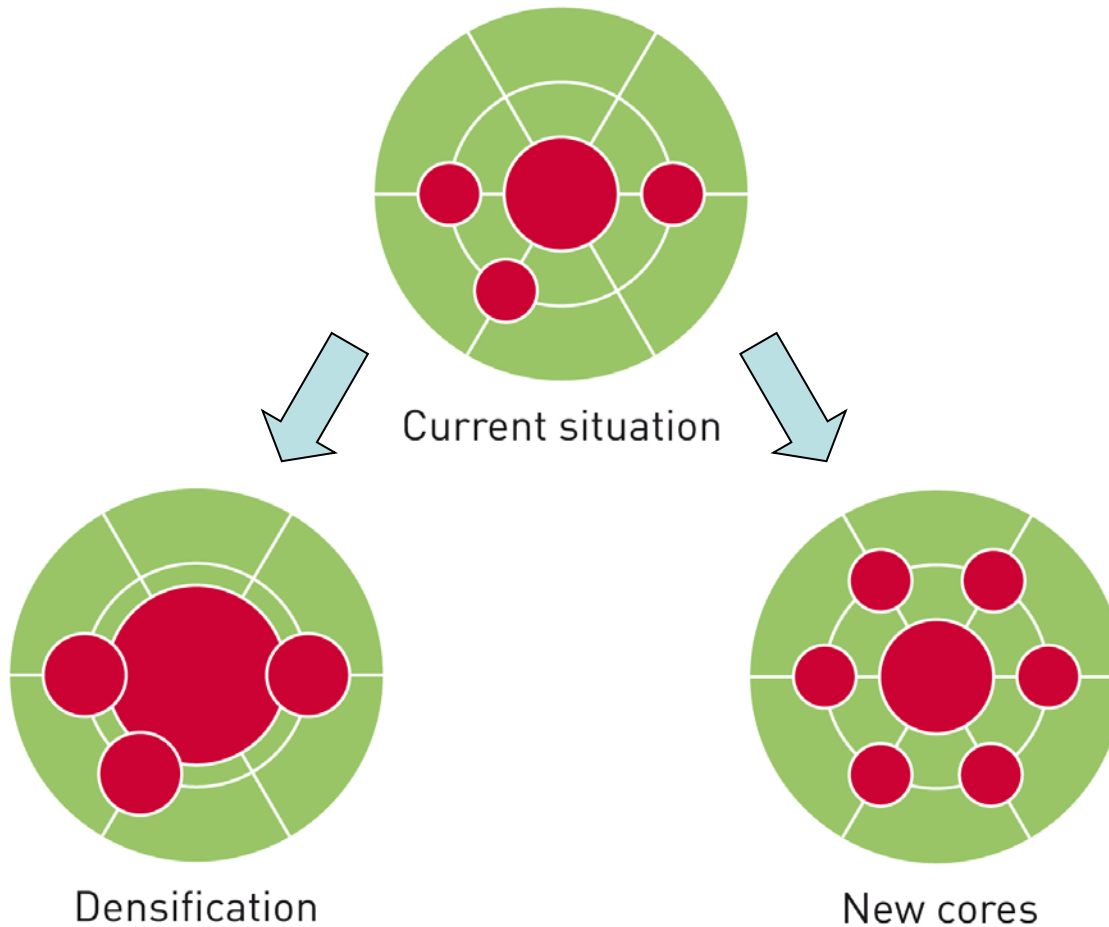
**Re-find the essence
of the city-model of Almere**

Rehabilitate and reactivate city model

Green city

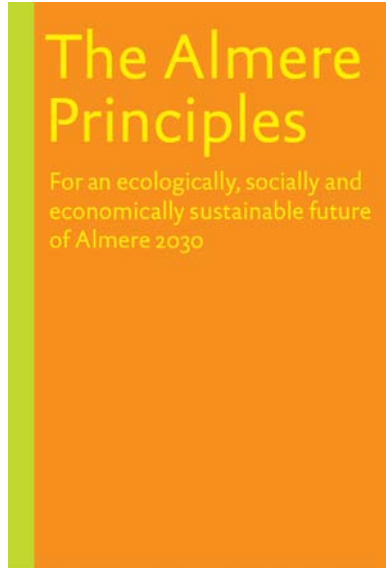
Multiple cores

Development of water and green



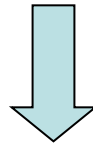
Almere Principles

For an ecologically, socially and economically sustainable
future



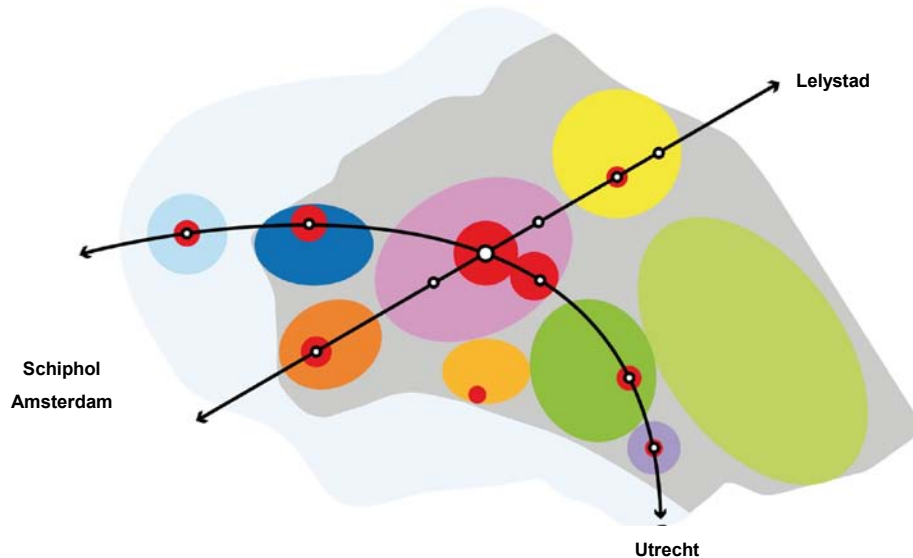
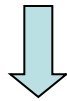
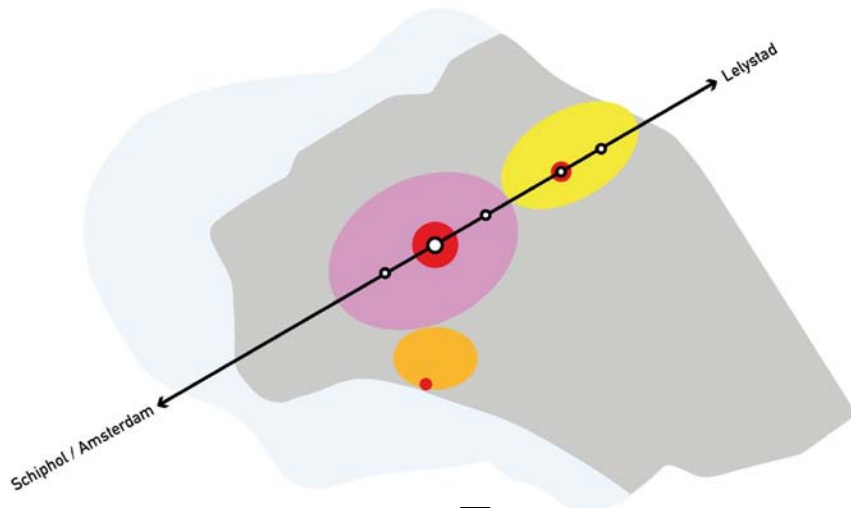
Qualitative growth & development:

1. Cultivate diversity
2. Connect place and context
3. Combine city and nature;
4. Anticipate change
5. Continue innovation
6. Design healthy systems
7. Empower people to make the city



Closely related to Almere as a Green City

Rehabilitate and reactivate city model



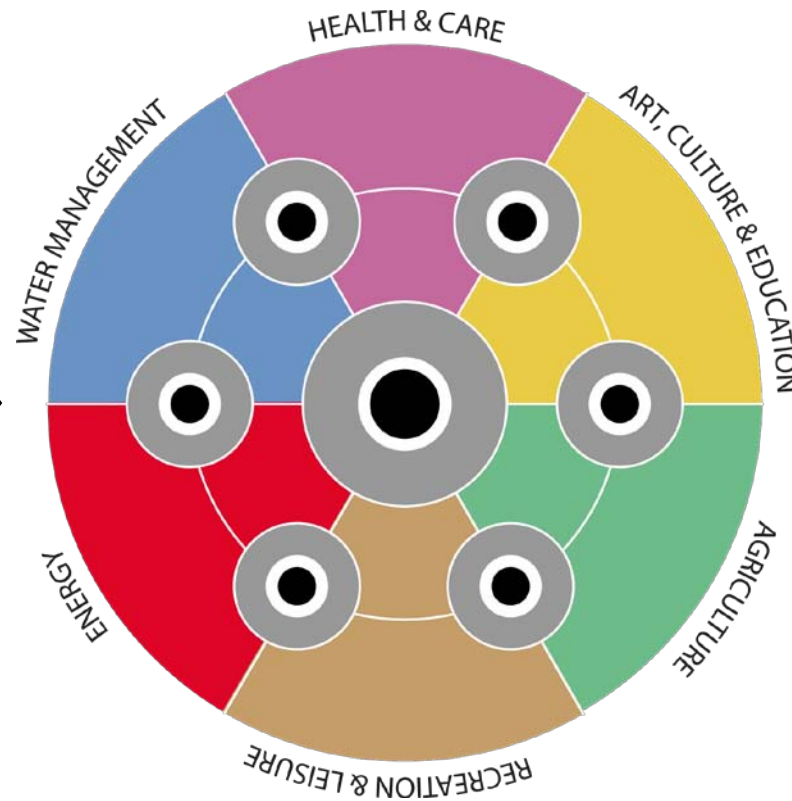
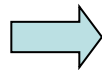
Multiple-core city

Adding new cores to existing ones

New ax Amsterdam – Almere - Utrecht

Modernize the Howard-model

Activating the landscape → to a more self - sufficient city



Current social demands

Health & Care

Culture, Arts & Education

Agriculture

Energy

Recreation & Leisure

Water management

Structure vision Almere 2.0

For an ecologically, socially and economically sustainable future

Almere 2.0

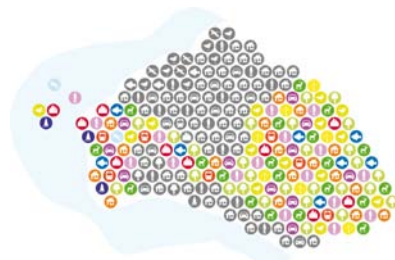
Adding new city cores

Maintain current quality of city concept

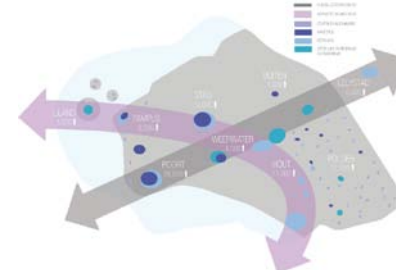
Take on the challenge to activate landscape



1. Ecologic



2. Social

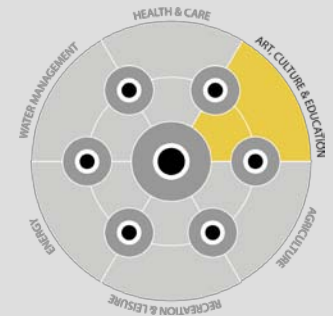


3. Economic

Green City and Art, Culture &

Adding new program - icons

Education



City and nature
meeting each other

Experience nature

Activating the Green City

Garden of Love & Fire – Daniel Libeskind



Garden of Love & Fire

Connection between
Almere, Salamanca
and Berlin

Spiritual place as a
symbol for new life

Relation between
landscape, nature,
culture, present and
future

Activating the Green City

Green Cathedral – Marinus Boezem



Green Cathedral

178 poplars Gothic Cathedral;
Notre-Dame of Reims

Temporary 'living cathedral'

Sustainable Cathedral as a gap in the forest

Activating the Green City

The Oostvaarders – Droste + van Veen

The Oostvaarders

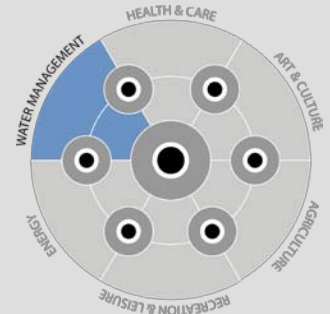
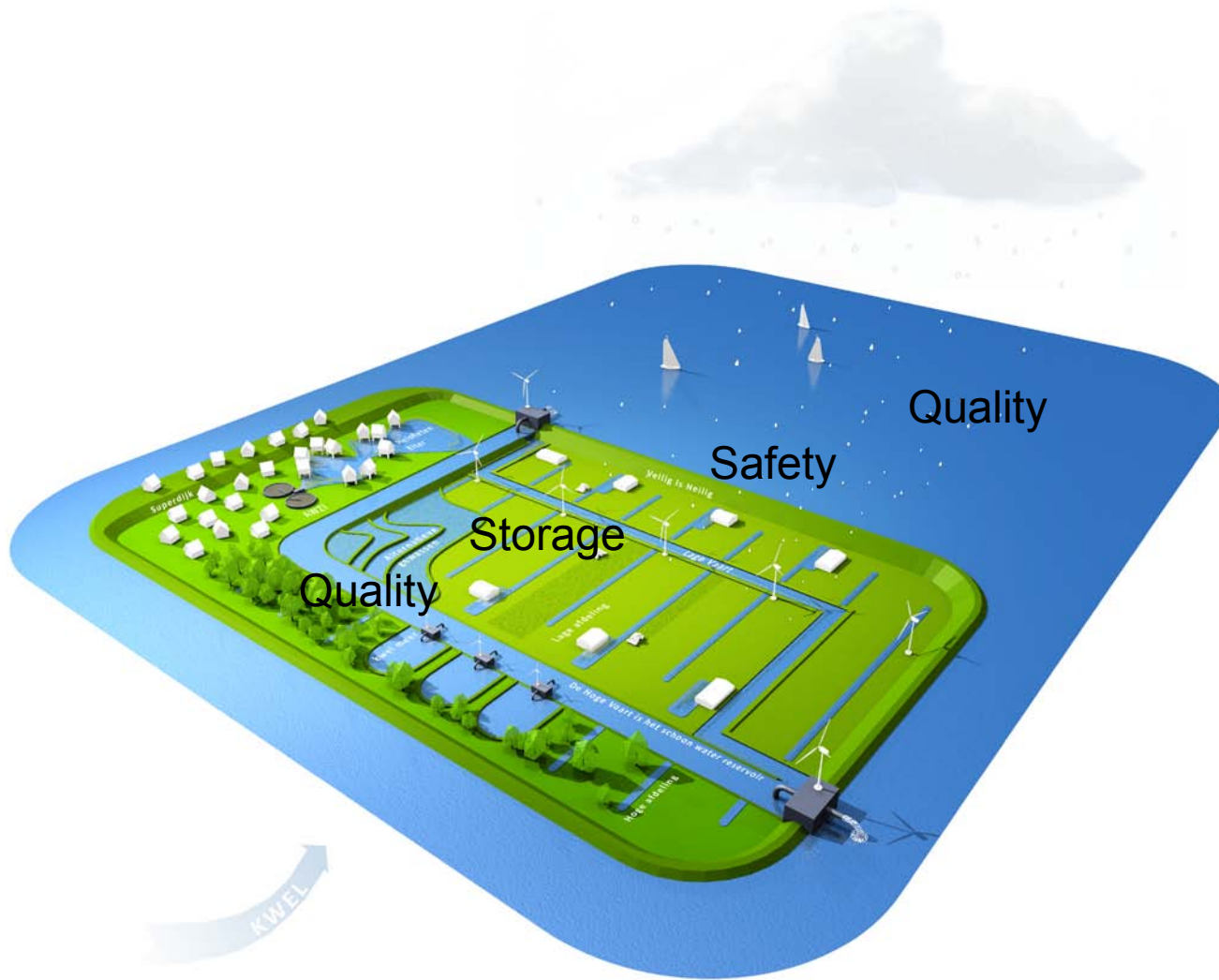
Experience and
meeting nature

Conference, wedding,
meetingpoint



Green City & Water management

Abstract situation polder (waterboard)



Water safety – robust dikes

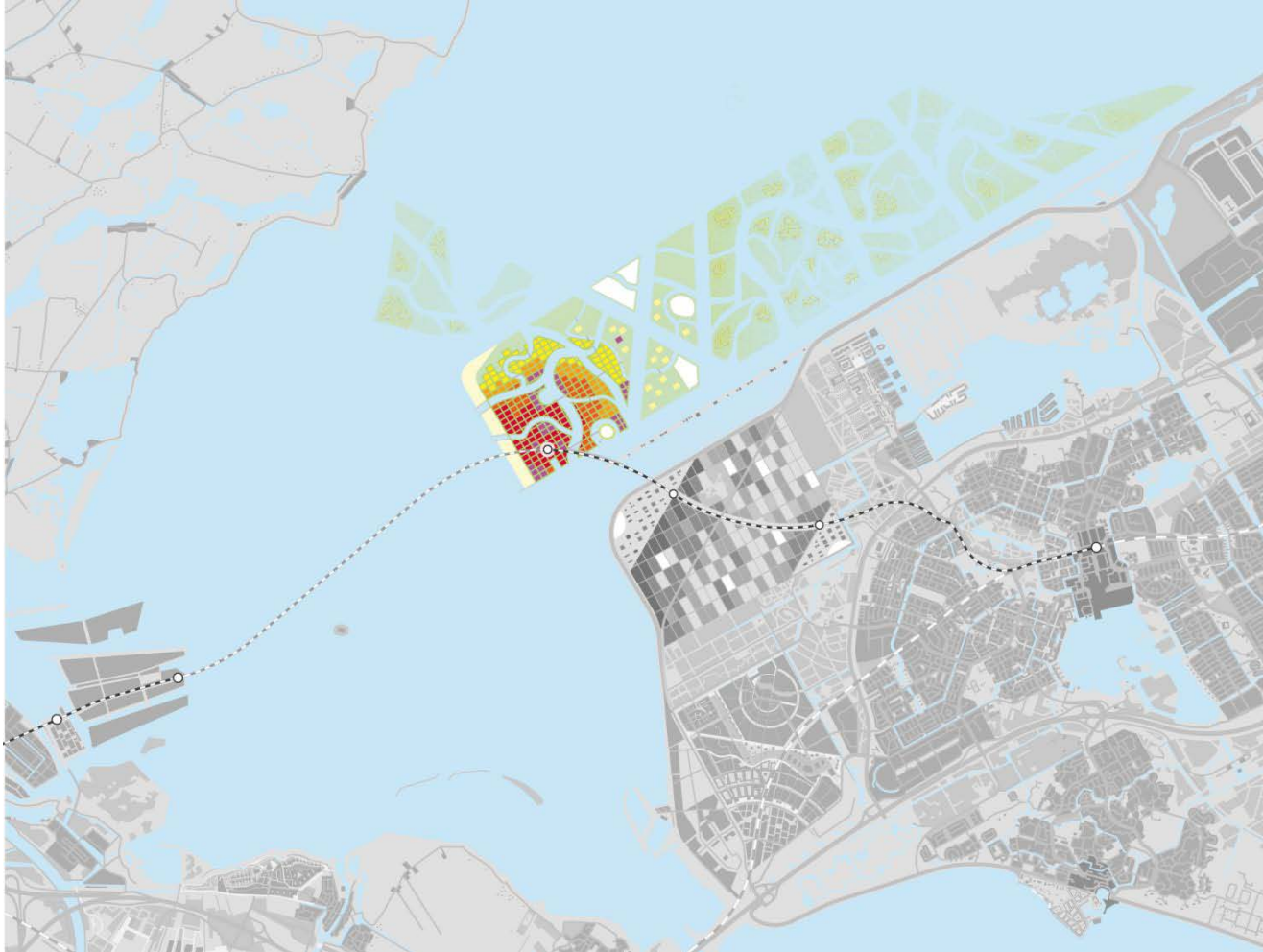
Better quality – fresh water

Waterstorage within the polder

Activating the Green City

Future development of Almere IJland

Almere IJland



Activating the Green City

Future development of Almere IJland

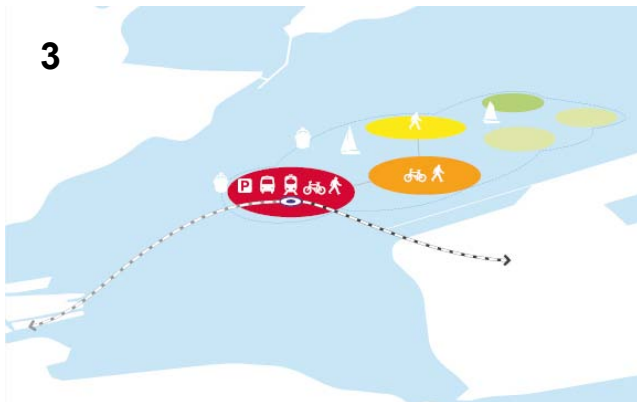
Almere IJland

1 Building with nature

2 Improving quality of water and nature

3 Connecting and exceptional living on islands

4 Variation of leisure, program



Activating the Green City

Future development of Almere IJland



Activating the Green City

Future development of Almere IJland



Green City and Agriculture

Future development of Almere Oosterwold



Rural living; low density of housing

City-farming

New landscape-park

Organic growth

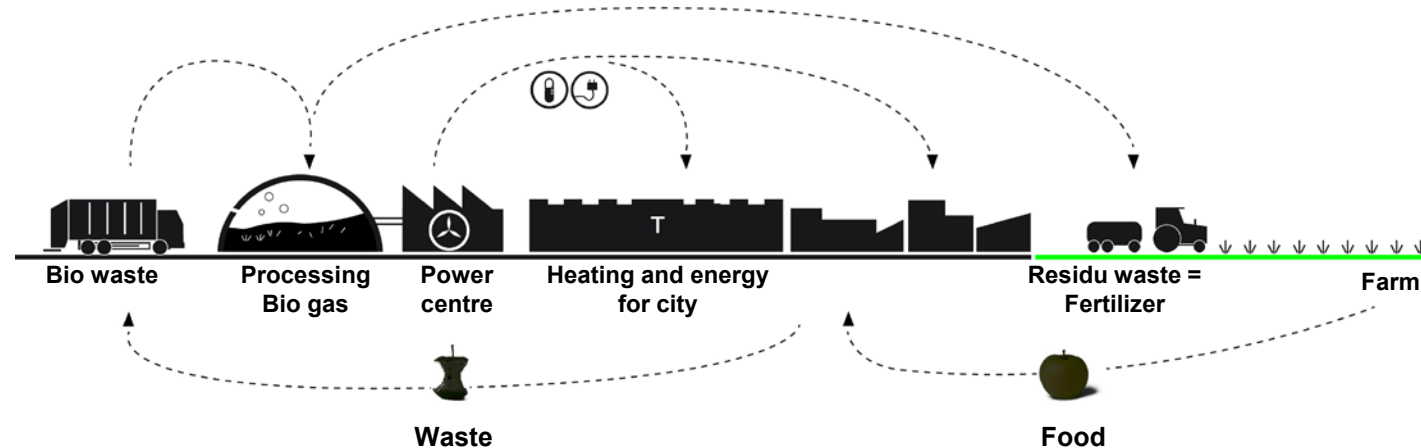
Activating the Green City

Future development of Almere Oosterwold

City farming

Connecting city and land; life cycle

- Food
- Energie
- Water



Activating the Green City

Future development of Almere Oosterwold



Rural living

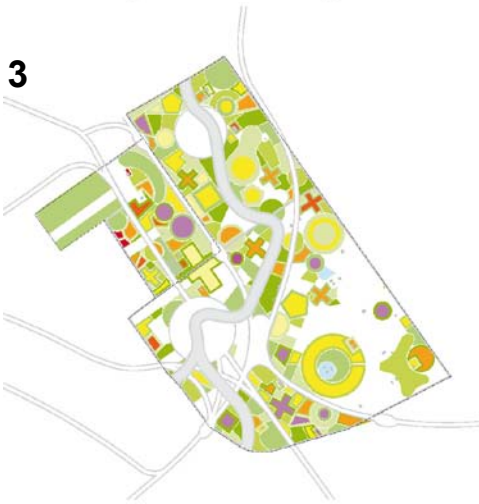
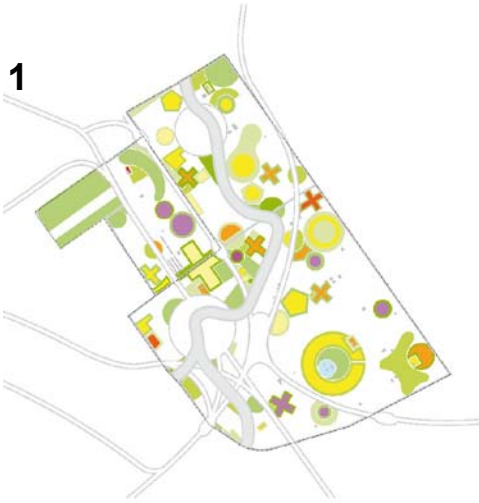
Empower people to
make the landscape

Activating the Green City

Future development of Almere Oosterwold

Organic growth

Gradually in time and space



Activating the Green City

Future development of Almere Oosterwold



Eemvallei

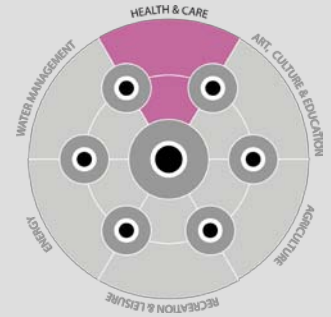
New landscape park;
Basic green structure
Oosterwold

Water storage and
cleaning water

Nature, recreation and
agriculture

Green City and Health & Care

Veluwe Bron - A new Estate



Health & Care

Development of green
into a new estate

Public landscape

Activating the Green City

Urban estate The Kemphaan



The Kemphaan

Nature education

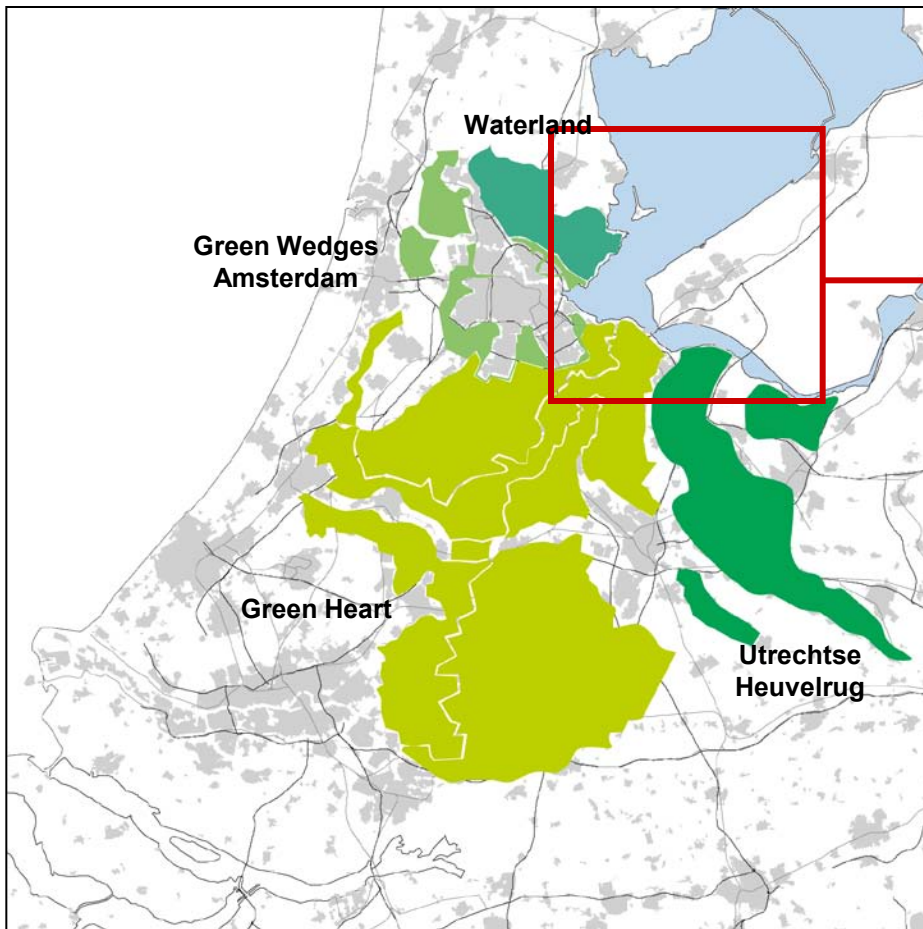
Multiple programs

City farming and
foodmarket



Double landscape goal

Facilitating 60.000 dwellings and 100.000 jobs in Almere



On the one hand:

Saving landscapes on national - regional level

On the other hand:

Possibilities to activate the Green City of Almere