Metropolitan Conference

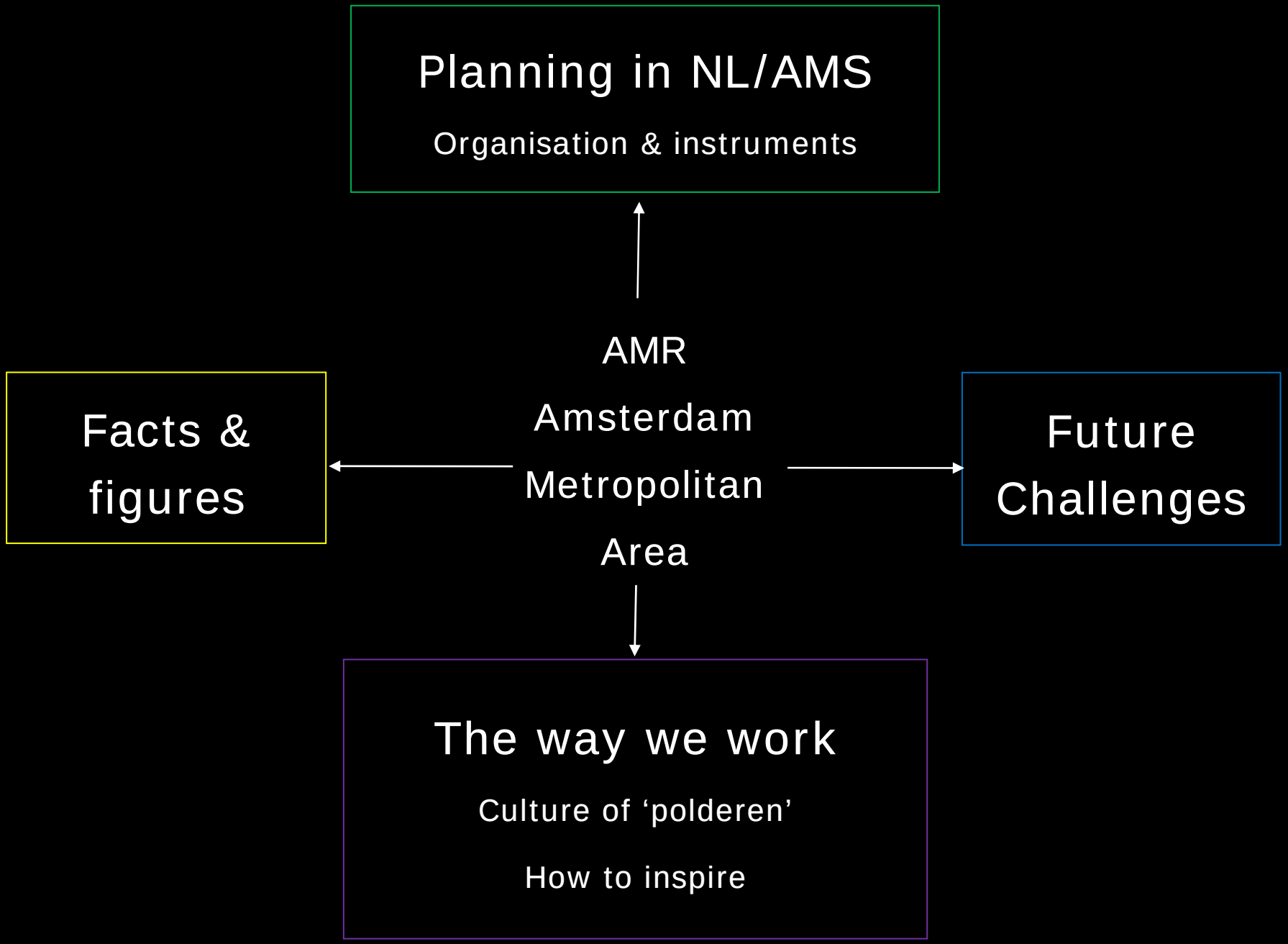
Warsaw - June 13th 2011

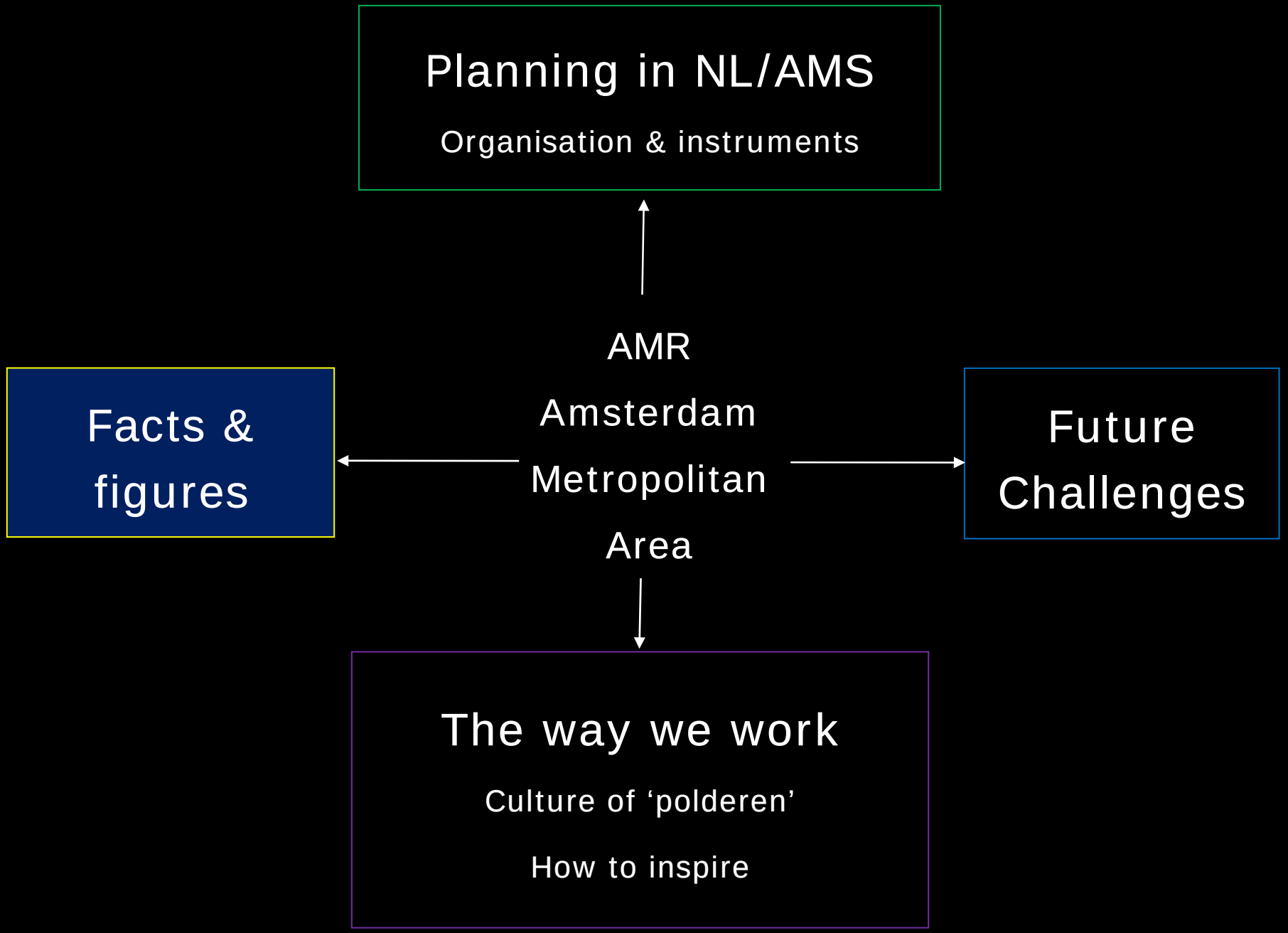
Planning & governance in metropolitan regions

Ir. Eric van der Kooij

Head of the Metropolitan Team

Physical Planning Department - City of Amsterdam


Planning in NL/AMS
Organisation & instruments
AMR
Amsterdam
Metropolitan
Area
Facts & figures
Future Challenges
The way we work
Culture of ‘polderen’
How to inspire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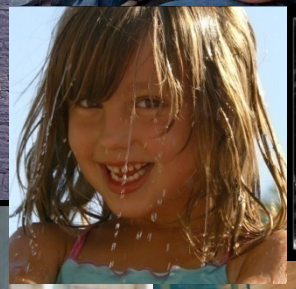
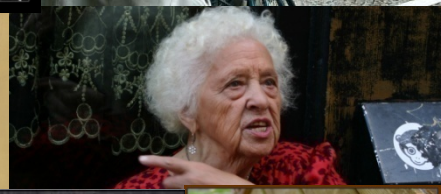
How to inspire

780,000 citizens - 390.000 dwellings - 220 km^2 - 4.500 inh/km^2

Land use: 24% water / 22% residential / 12 % parks

Municipal budget: 22 % physical planning

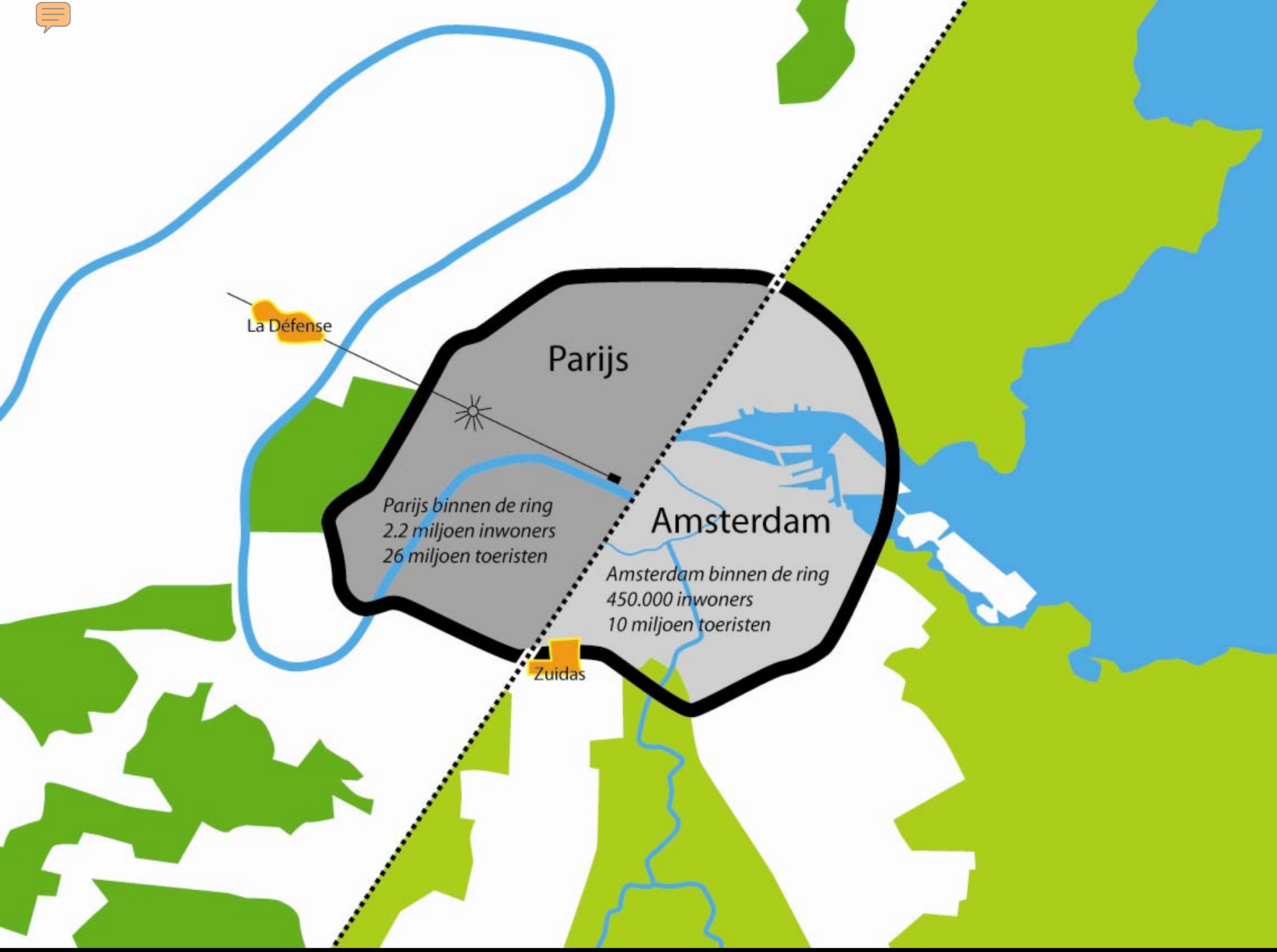


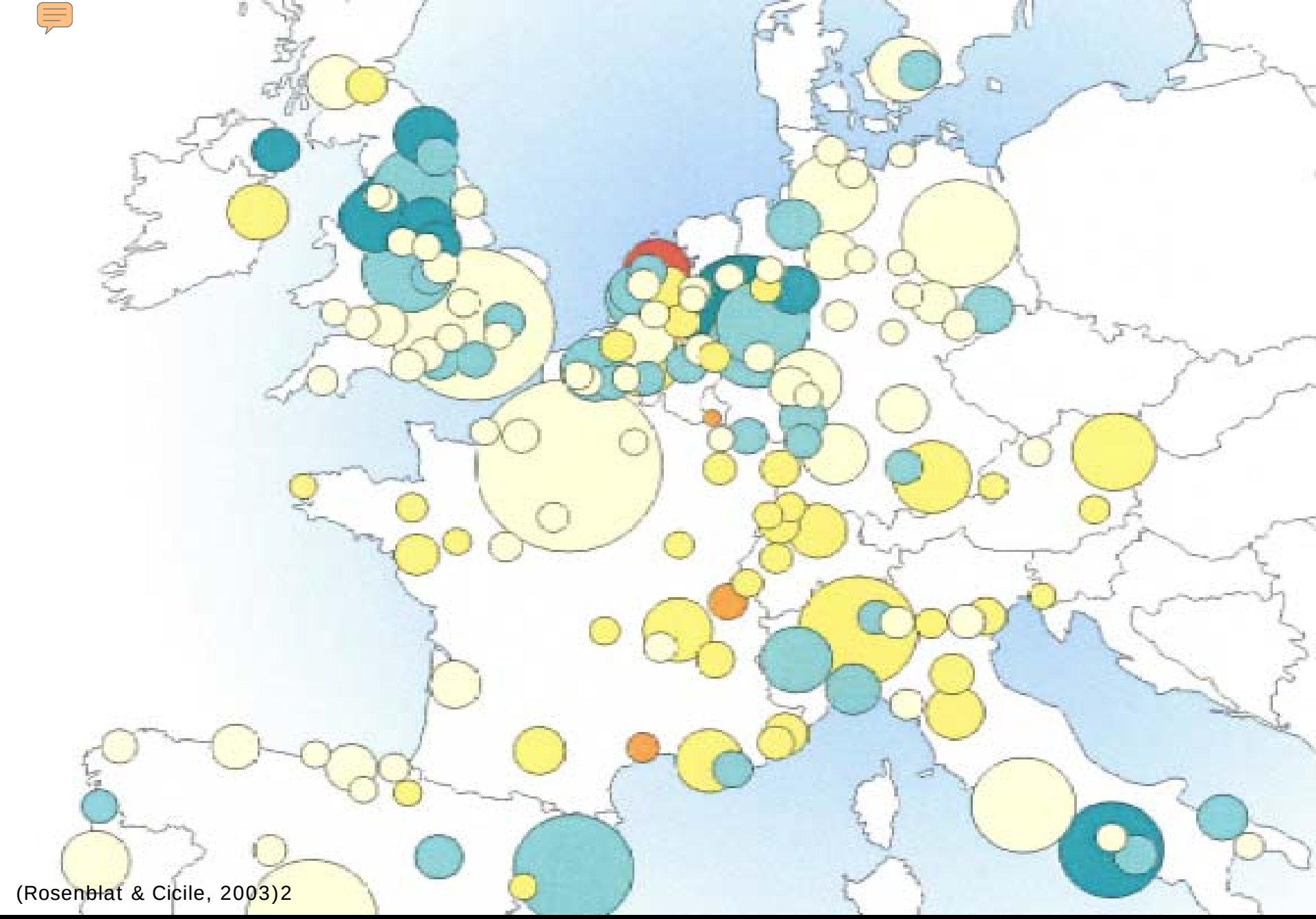


177 nationalities

5% Turkish / 9% Marok / 10% Surinam /10% Ind. coutries / 12% Non-ind.countries / 50% Dutch

Dynamic population / Young population / Increase of newborn and families


La Défense
Parijs
Parijs binnen de ring
2.2 miljoen inwoners
26 miljoen toeristen
Amsterdam
Amsterdam binnen de ring
450.000 inwoners
10 miljoen toeristen
Zuidas



(Rosenblat & Cicile, 2003)2

Highest diversity of metropolitan functions per inhabitant

Amsterdam Metropolitan Area

Engine of Dutch Economy

- Creative industry
- ICT, New Media, Tourism
- Agrifood & flowers
- 3rd Harbour of Europe
- Schiphol Airport
  - 284 destinations
  - 50 mio passengers

- Added value of € 88 billion

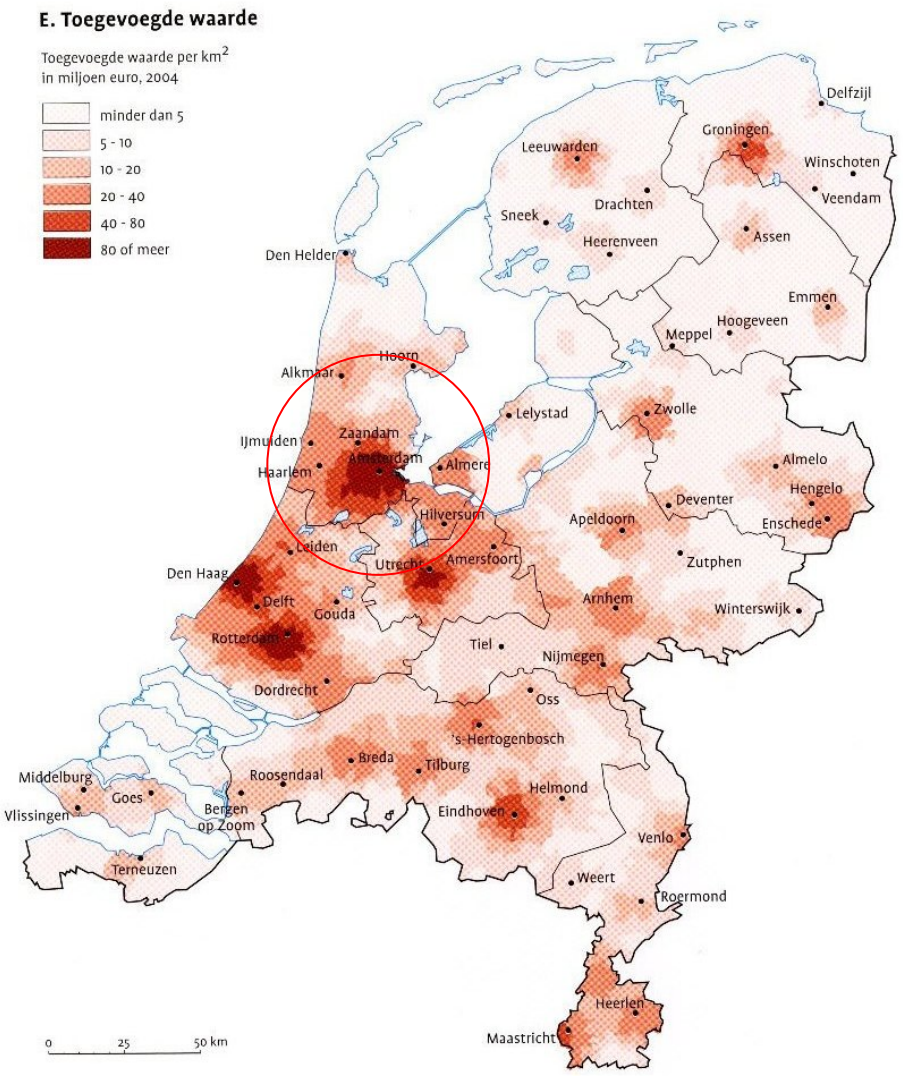
- 1/6 Dutch Economy
- 1,4 mio jobs
- 2,3 mio inhabitants
- 2.6 mio dwellings
- 1500 inh/km²
- 1400 km²

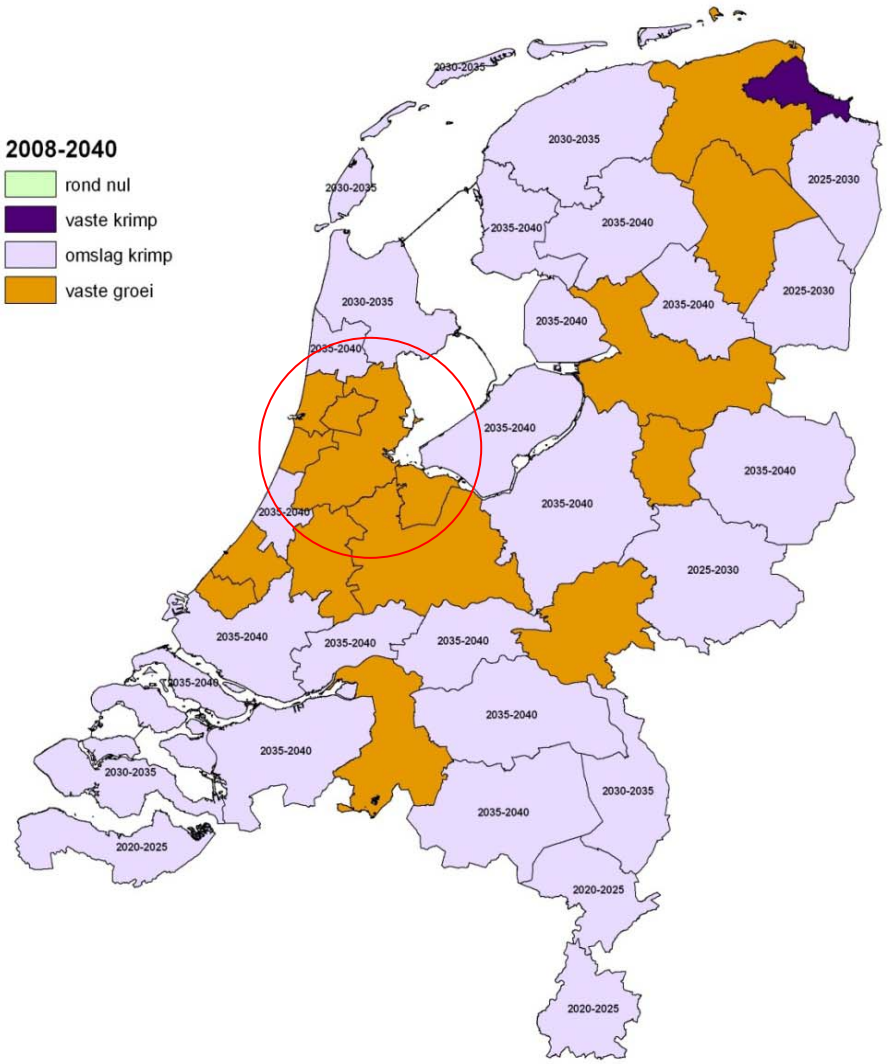
2000 - 2010

- + 100.000 dwellings in AMA
- + 35.000 dwellings in AMS
- + 180.000 inhabitants

Focus on

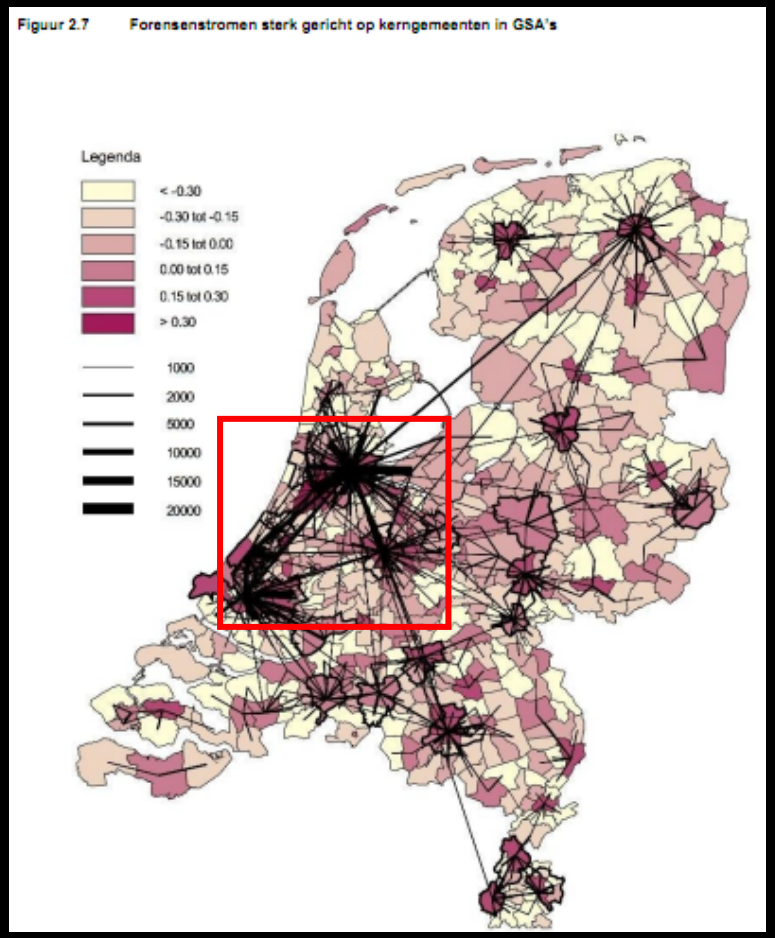
- Knowlegde based economy
- Highly educated
- Youngsters and families

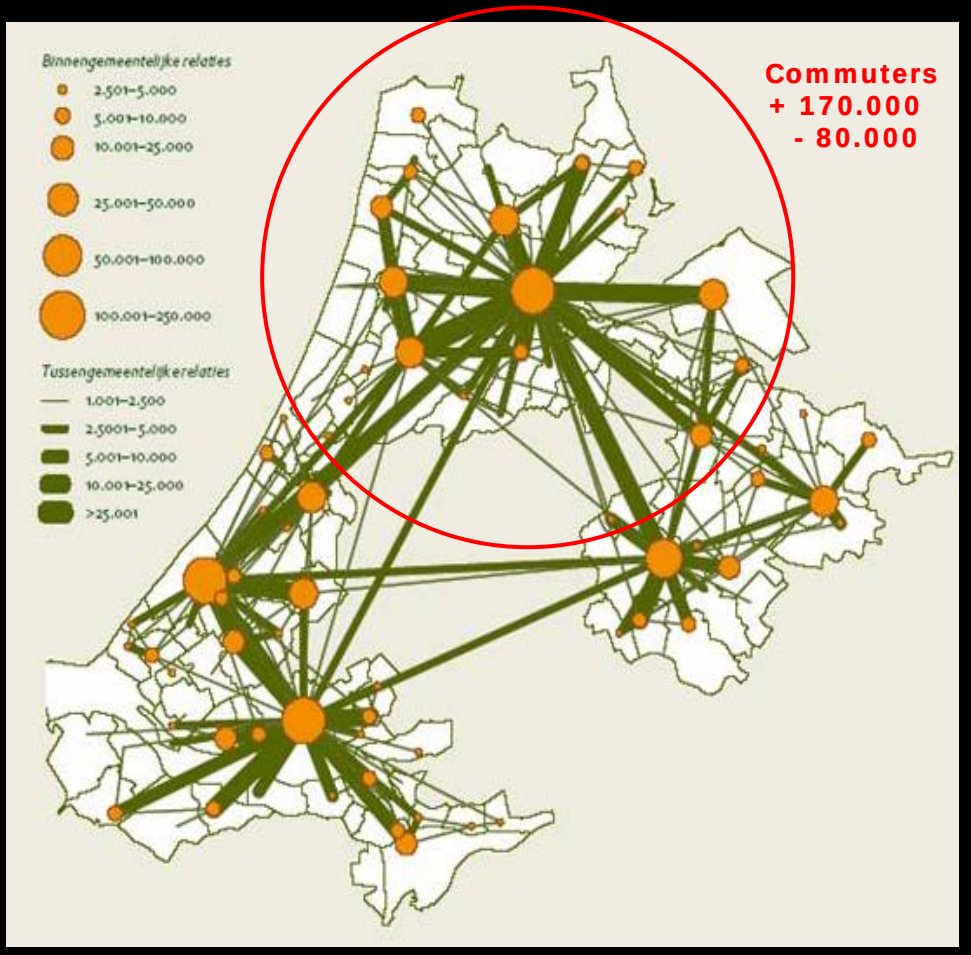




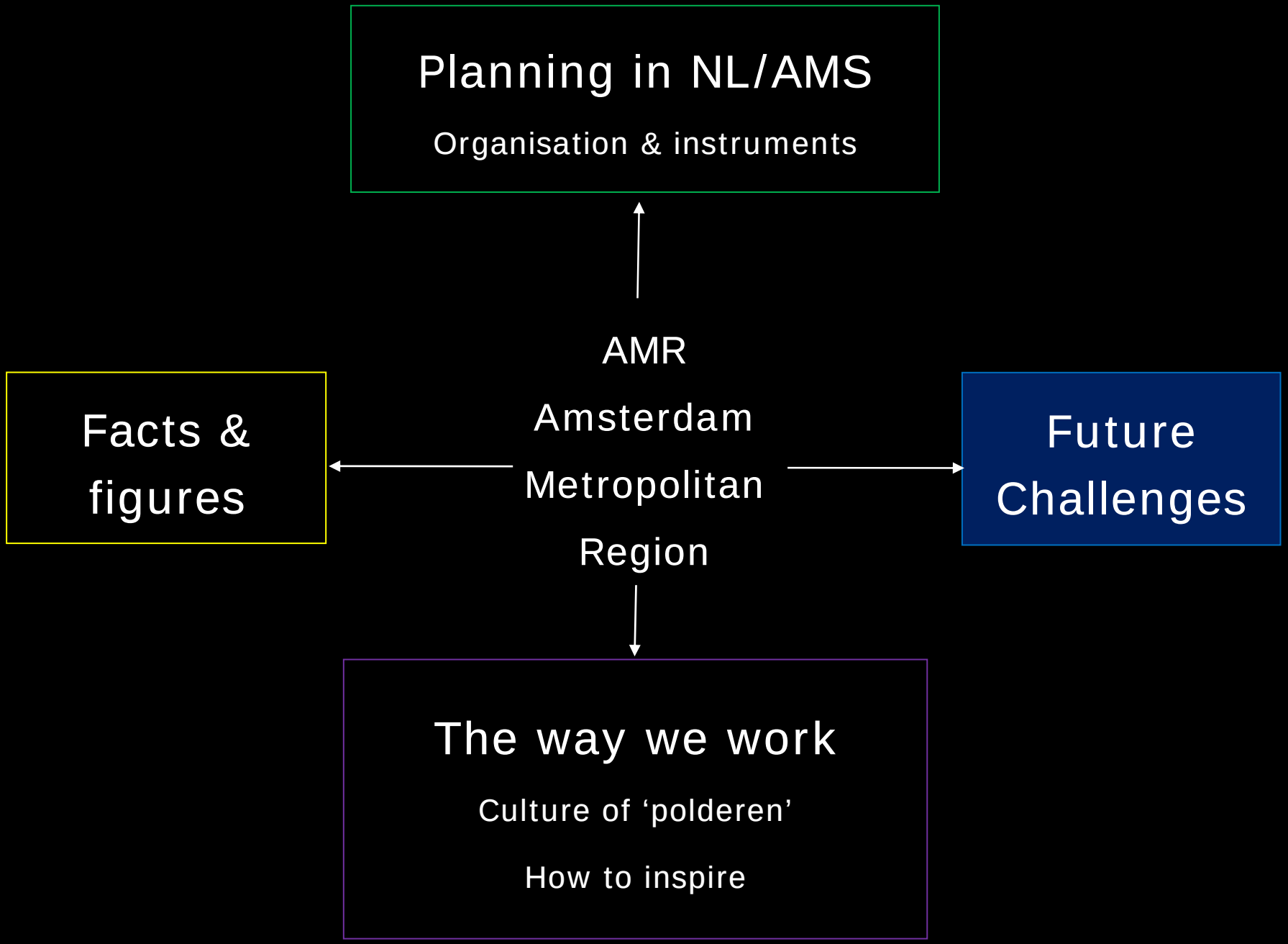
Economicly added value vs shrinking and growing populations

The Randstad does not exist !





North & Southwing form 2 separate spatial systems
based on commuting distances of ca. 30 km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Can we become a GOOD metropolis?!

Quality of life

The use of space has increased dramatically

Between 1900 en 2000...

1900

... the number of inhabitants tripled

... the average occupancy is halve

... the average size of a dwelling has doubled

1950

... the space around each dwelling has doubled

Meaning that:

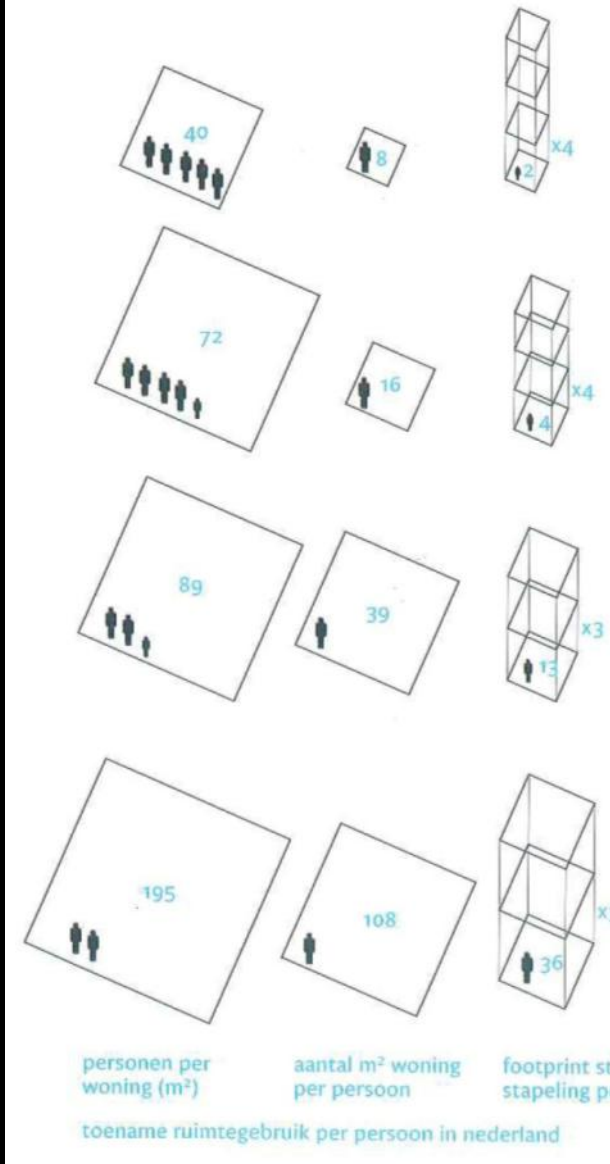
1990

Three times as many Dutch people live with half the number of people per dwelling in houses which are double the size on a plot that has doubled in size

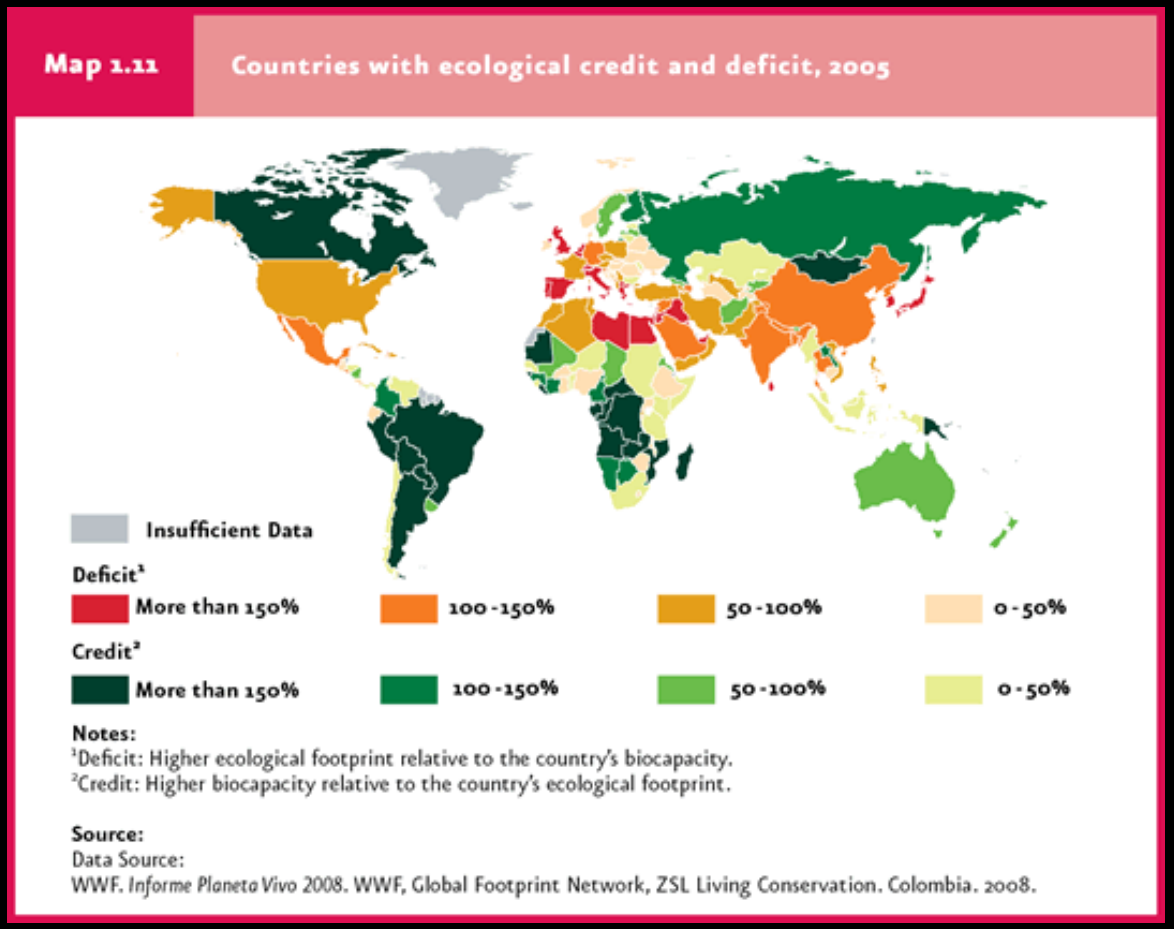
3 x 2 x 2 x 2 = 24

2050

A rise in the use of space with a factor 24!



The global effort for sustainability will be won, or lost, in the world's cities, where urban design may influence over 70 percent of people's Ecological Footprint.



High-Footprint cities can reduce this demand on nature greatly with existing technology.
Many of these savings also cut costs and make cities more livable.

Global Footprint Network, 2010

The size of Amsterdam is too small

2010

2040

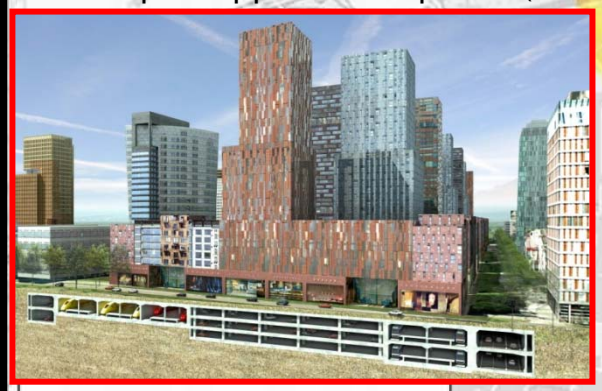
+ 200.000 jobs + 280.000 dwellings + 400.000

Limited options (environmental zones & cultural landscapes)

but a wide range of living evenvironments

Urban Agenda

Heatmap of appartmentsprices (source DRO)

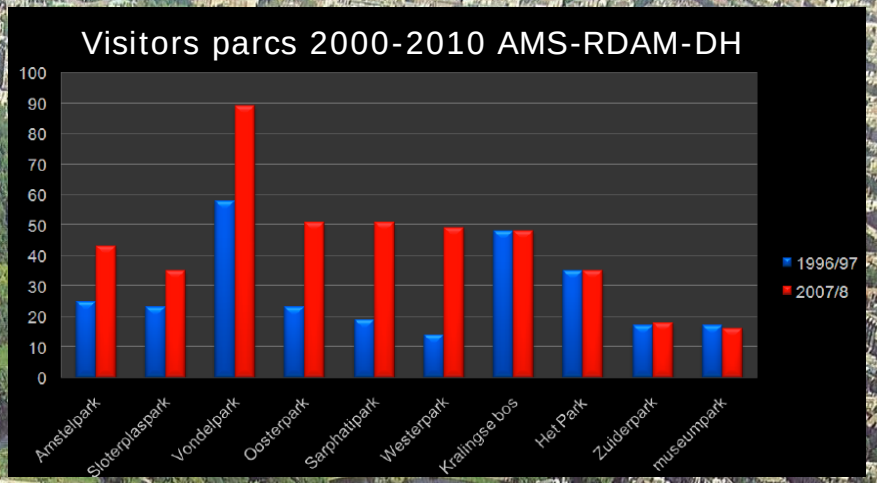


Urban densities on a human scale & mix of functions

Waterfront development

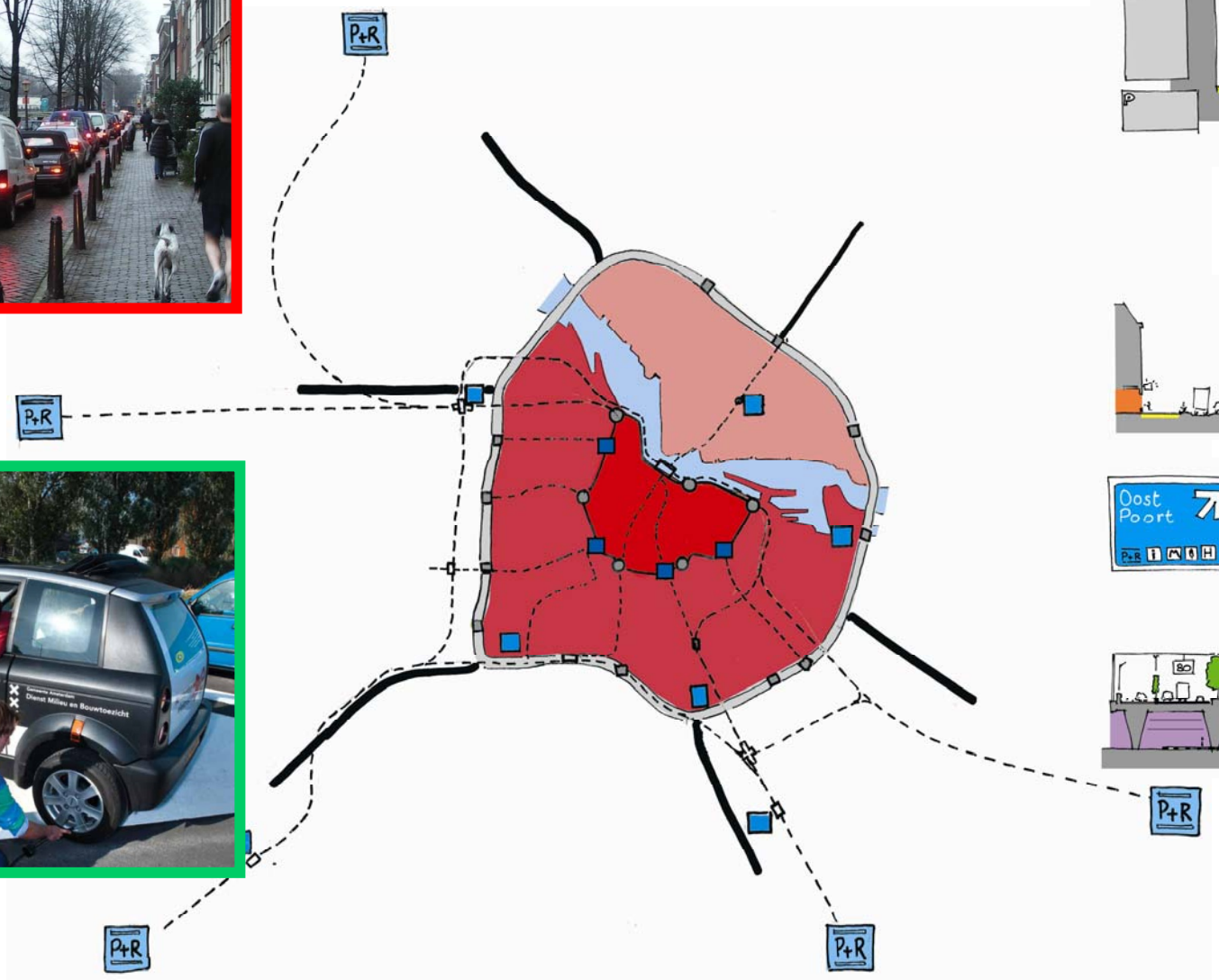
Transforming brownfields

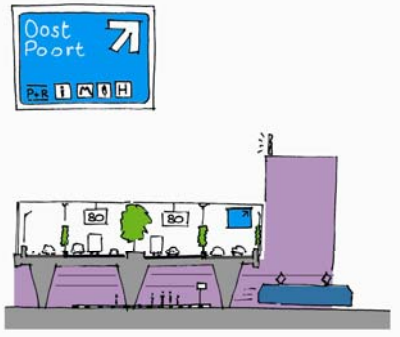
by temporary functions



Importance of parcs and blue spaces for the economy

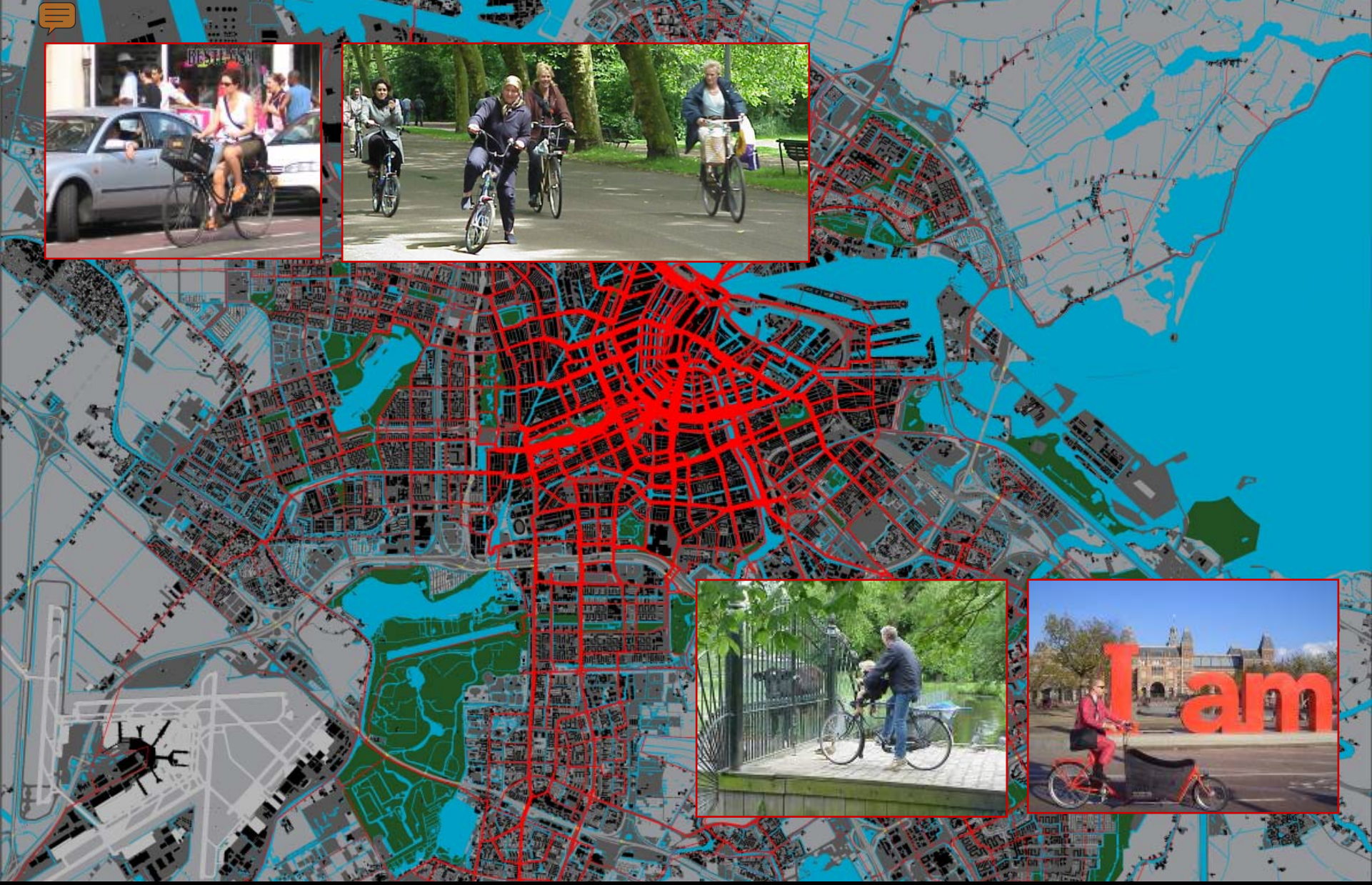
1. Quality is more important then quentity; diversity increases attractivity
2. Parcs as places for social interaction
3. Economic value +3%





Car regulation

Congestion charge – parking regulation of space & pollution

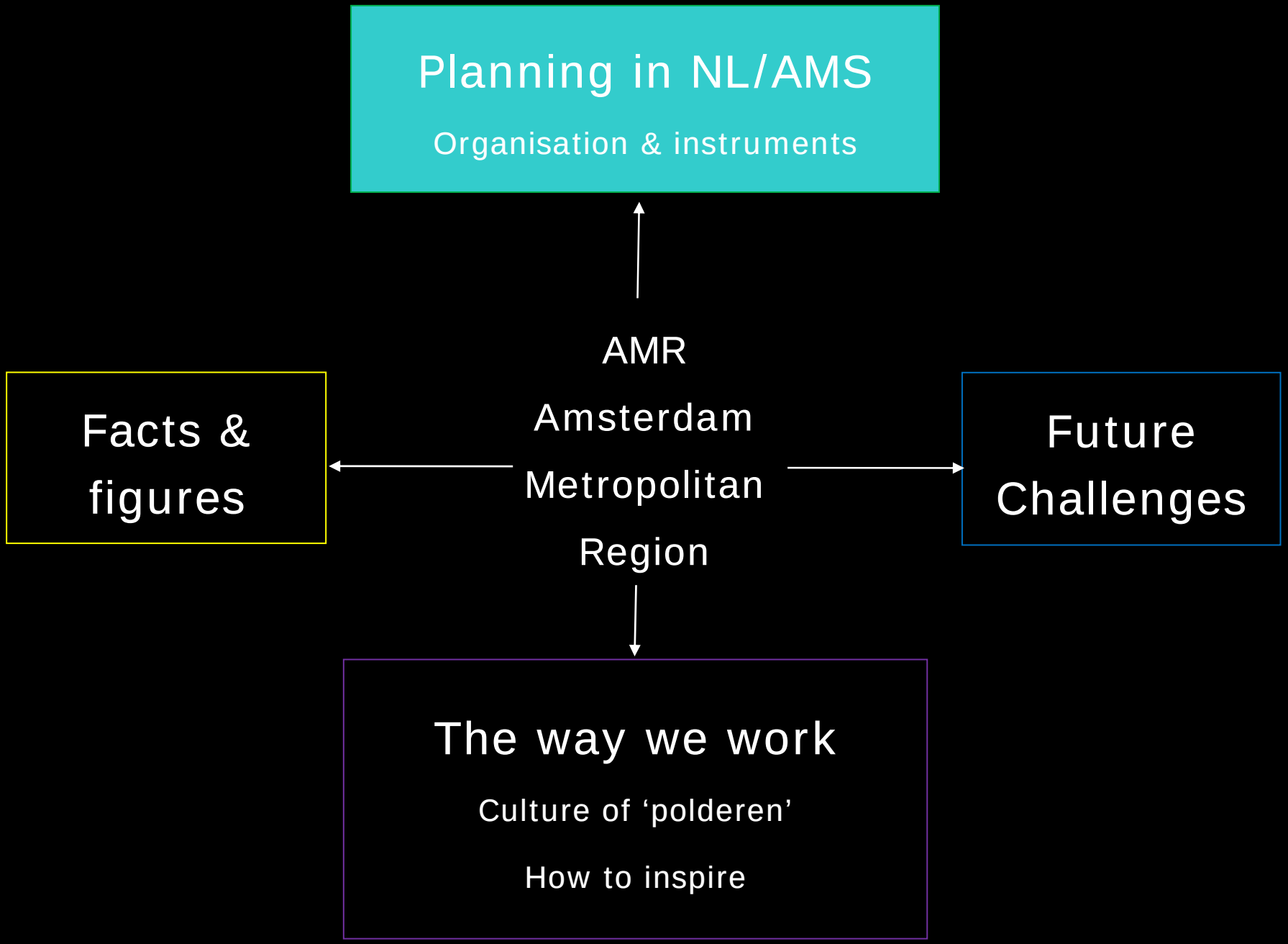


Improving biking

Accessible city

Metropolitan transport system – Fiber glass – Destination AMS

- 40% reduction of CO_2 emissions in 2025, compared to 1990
- A climate-neutral municipal organization in 2015
- New buildings climate neutral in 2015
- **30% sustainable energy from local production in 2025**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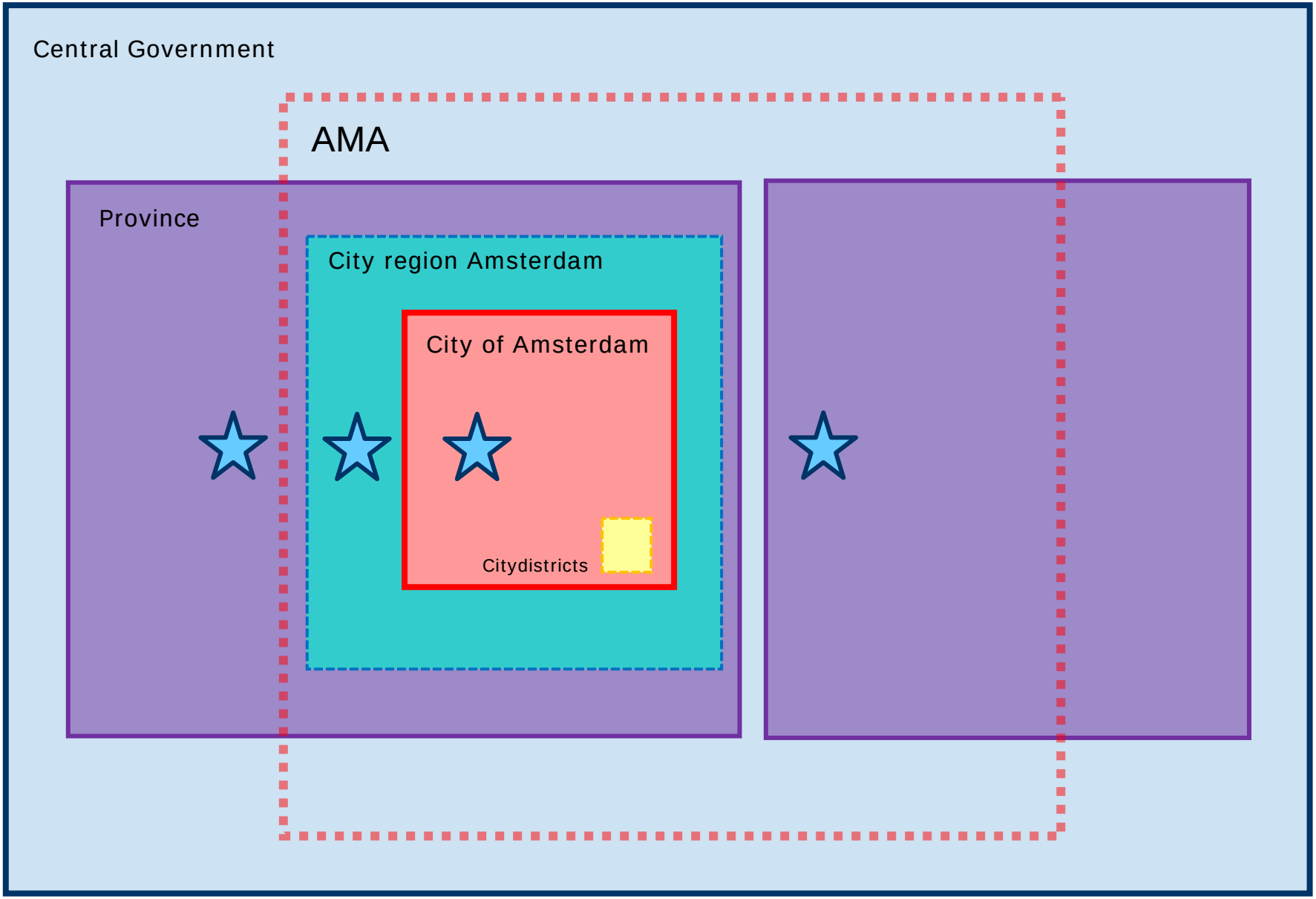
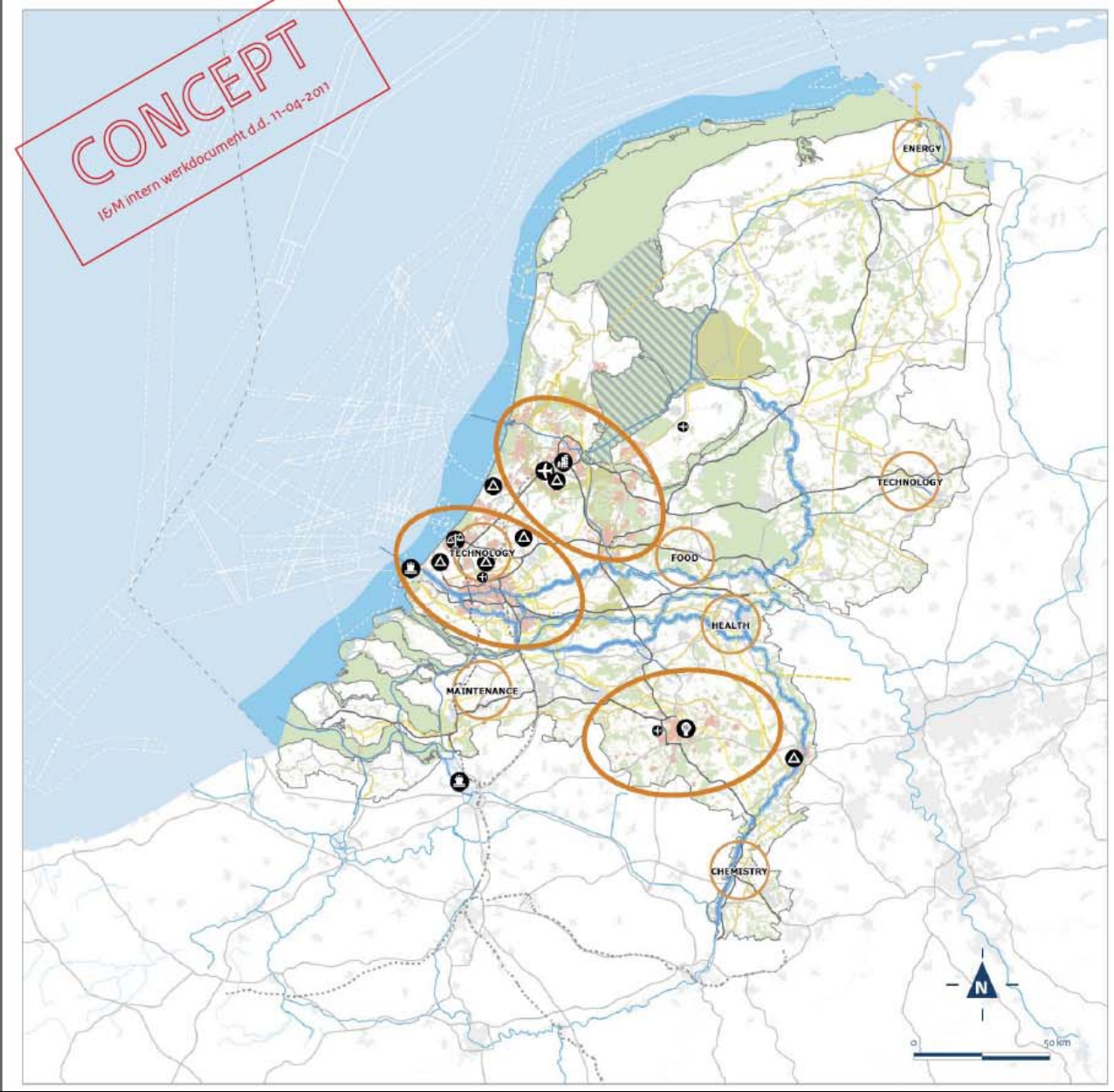
Planning system in the Netherlands

Governmental bodies	Responsibility	Instruments
Central Government* 12 Ministeries	Infrastr & Environment Internal affairs & Housing	Plan Vision 2040 Sectoral plans: Brainport, Mainport, Greenport, Almere, South Axis
Province (state) * 12 Provinces – 2 in AMR	Housing Environment Infrastructure & Landschape	Spatial vision 2040
Waterboards* 4 bodies in AMR	Watermanagement & safety	No spatial plan
AMR 36 municipalities, 2 provinces, 1 city region EDB	Housing, Infrastrucure Metropolitan Landscape Sustainibility, Economy	Structural Vision 2030
City region Amsterdam* 16 municipalities	Infrastructure & youth care	Infrastructure plan
City of Amsterdam* Departments + **Harbour** Spatial Planning – Infrastructure – Economy – Projectmanagement – Construction – Housing – Finance	Spatial Planning Infrastructure, Economic affairs Projectmanagement, Construction, Housing, Finance	Structural Vision 2040 Masterplan Development plan Strategic Agenda
Citydistricts*		Spatial Plans/visions Masterplan, Zoning plans

*elected authorities

Planning system in the Netherlands





Ministerie van Infrastructuur en Milieu

3 Sturing, instrumenten en nationale doelen

3.1 RIJKSOPGAVEN EN NATIONALE DOELEN

DE NATIONALE RUIMTELIJKE HOOFDSTRUCTUUR

Versterken van de ruimtelijk-economische structuur van Nederland

- stedelijke regio's met topsectoren
- faciliteren valleys
- brainport Eindhoven
- stad van recht
- Zuidas
- mainport Schiphol
- mainport Rotterdam
- greenports

Optimale interne en internationale bereikbaarheid

- samenwerkende luchthavens
- weg
- ontbrekende schakels
- spoor
- vaarweg

Ruimtelijk mogelijk maken van de nationale hoofdnetwerken

- hoofdwegennet
- energienetwerk
- buisleidingenstroken

Waarborgen van een gezonde en veilige leefomgeving

- internationale unieke culturele waarden
- natuurnetwerk* (nog te herijken EHS)
- waterveiligheid
- zoetwatervoorziening

National level

Harbour

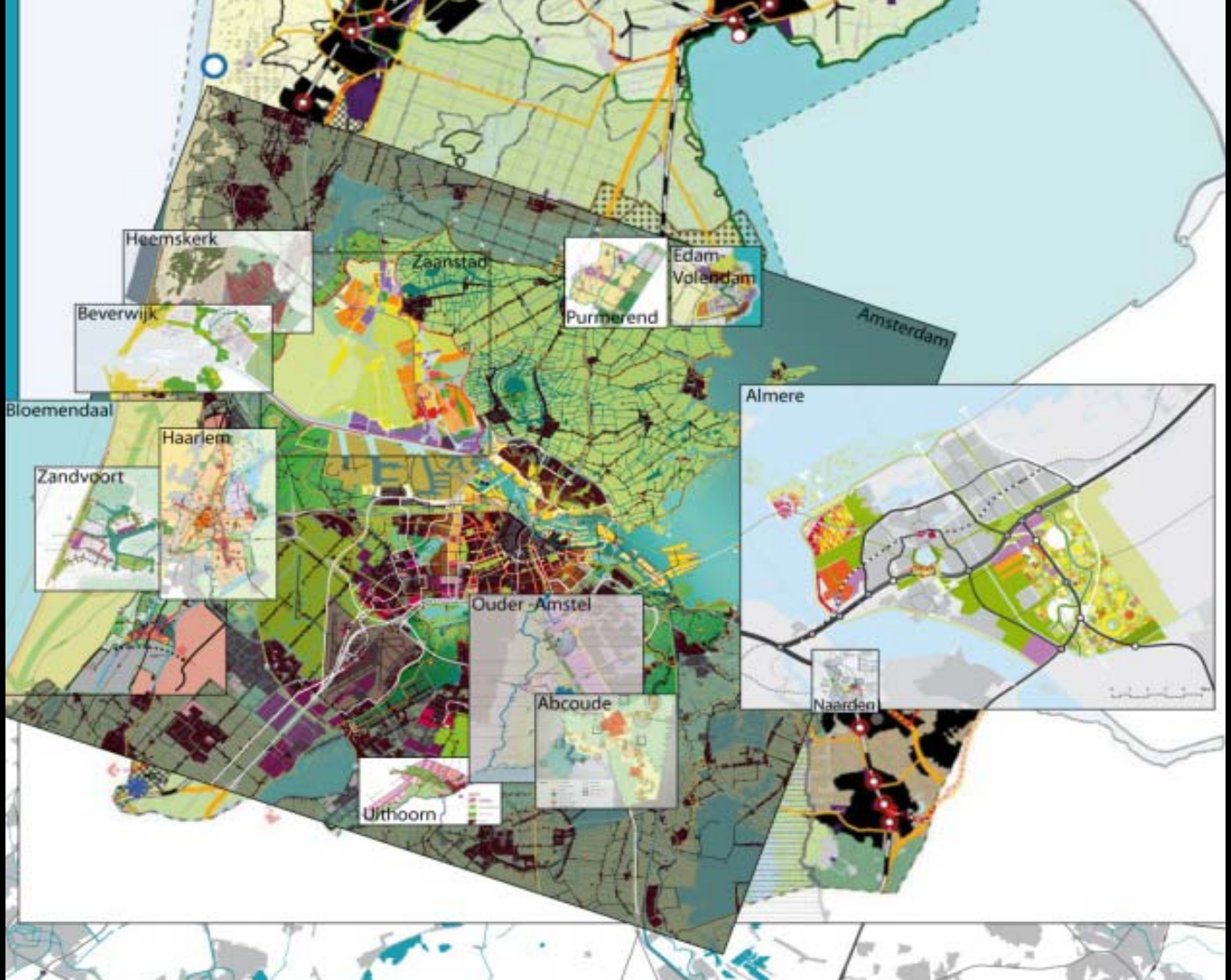
Almere

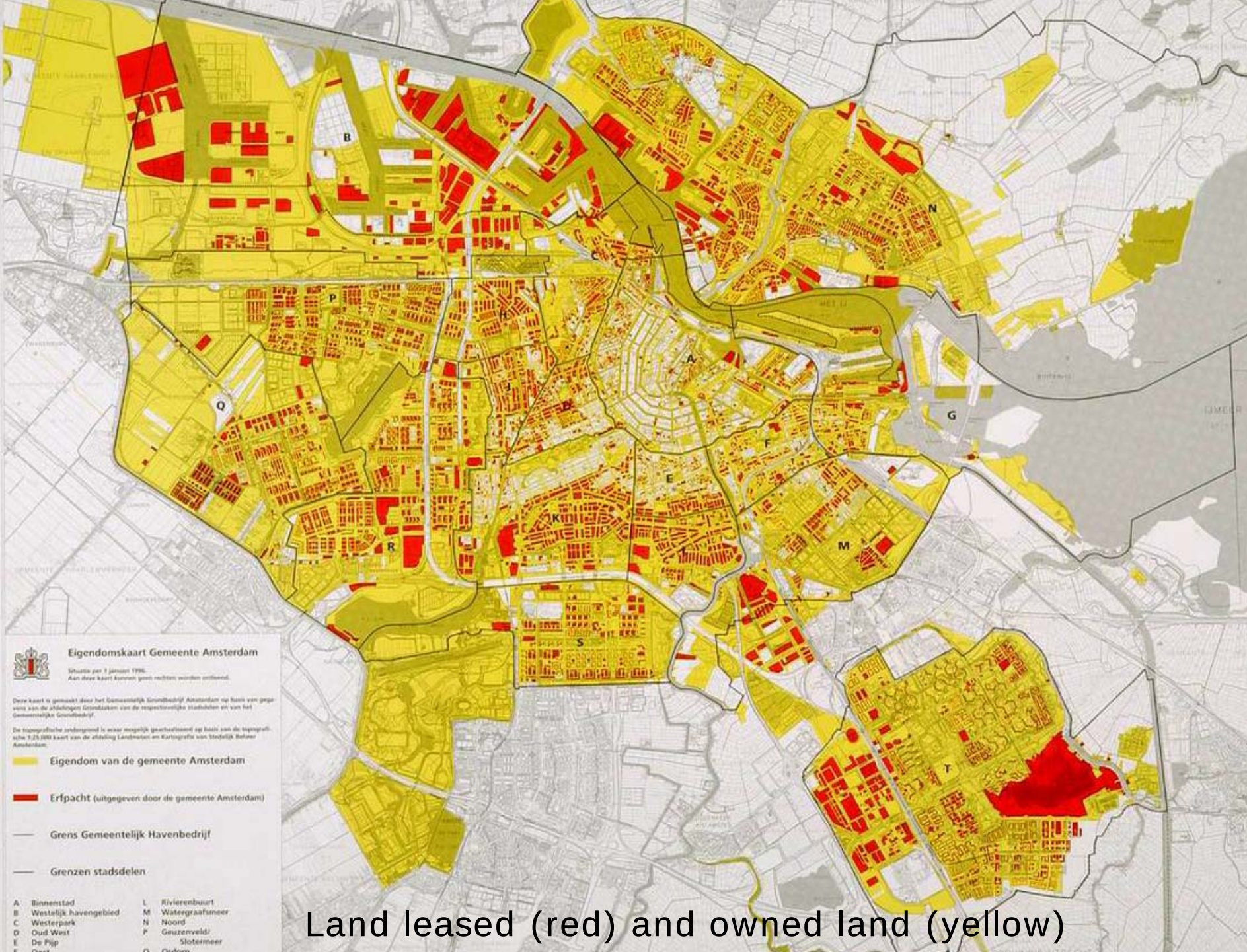
Airport-Greenport

South Axis

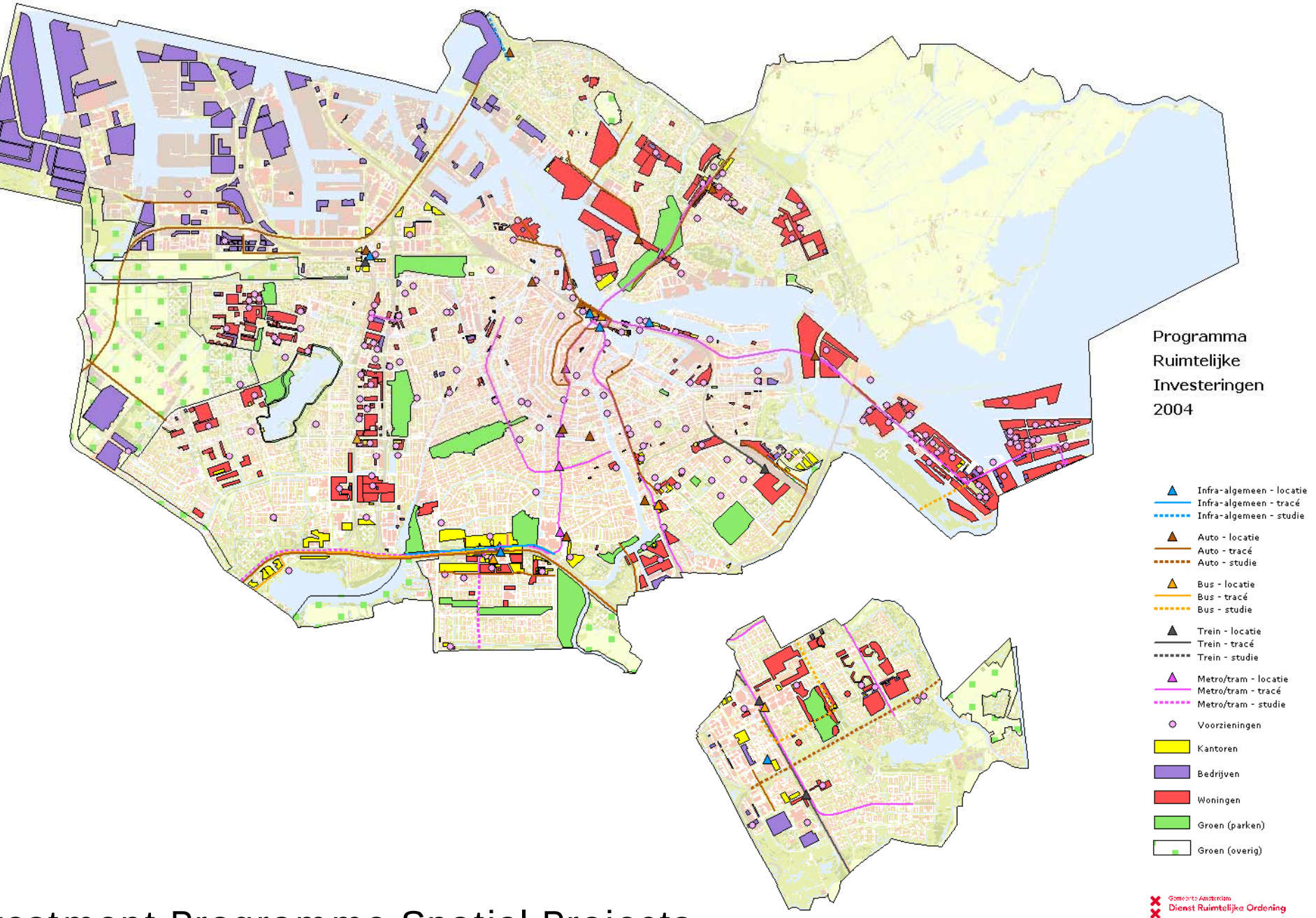
Amsterdam Metropolitan Area

Future Investements > € 13,5 billion needed > € 3 billion avialable for NL!

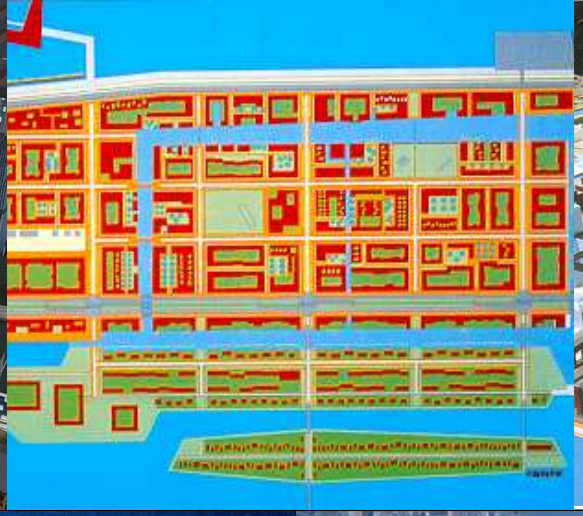

Heemskerk
Beverwijk
Zaanstad
Purmerend
Edam-
Volendam
Amsterdam
Bloemendaal
Haarlem
Zandvoort
Almere
Ouder-Amstel
Abcoude
Naarden
Uithoorn

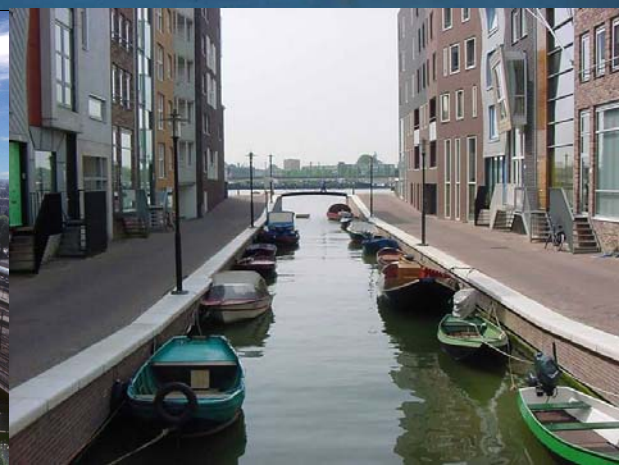


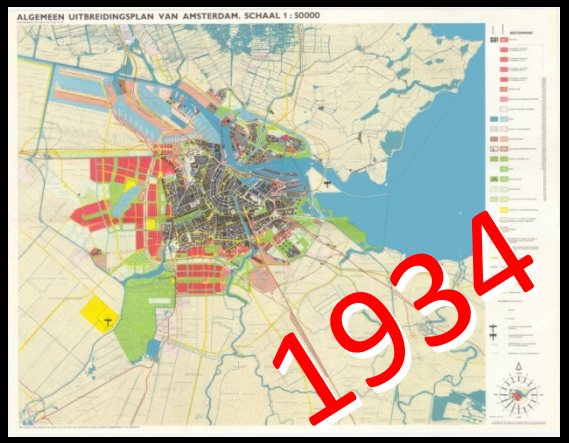
Land leased (red) and owned land (yellow)

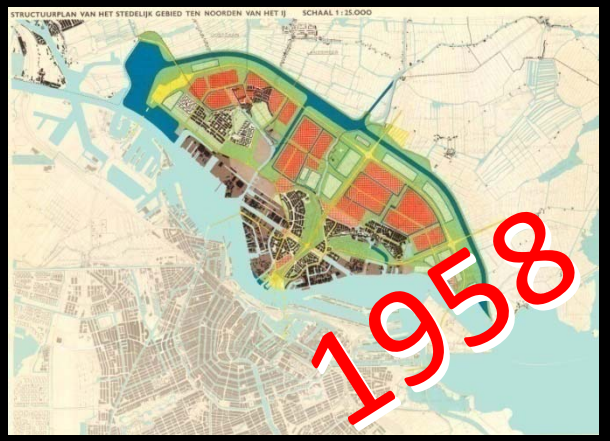


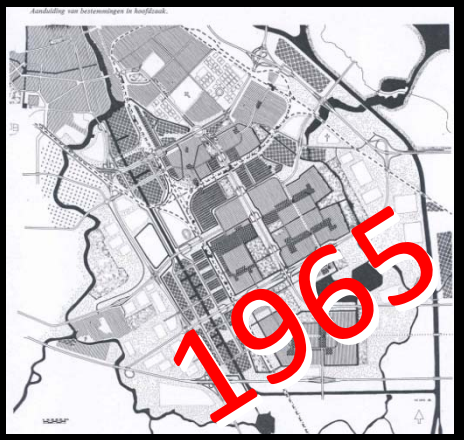
vestment Programme Spatial Projects

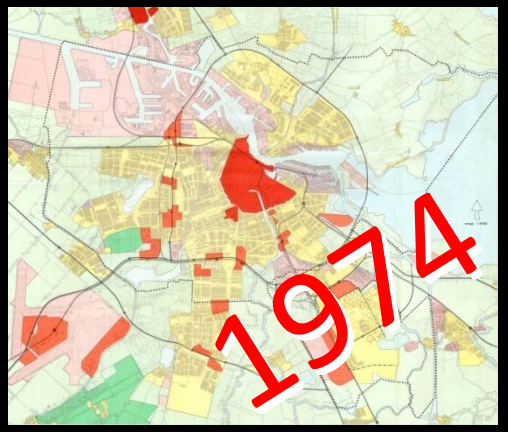


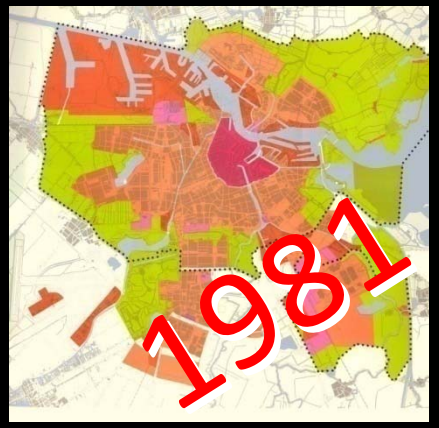


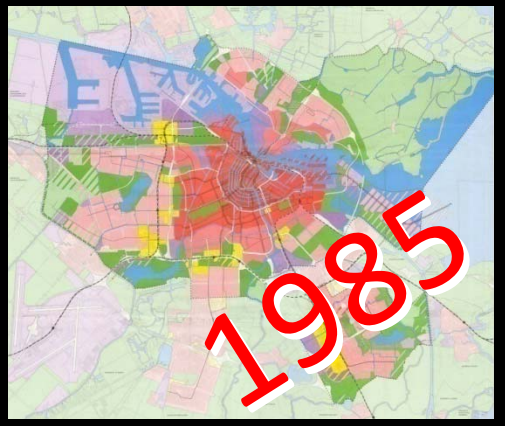

ALGEMEEN UITBREIDINGSPLAN VAN AMSTERDAM. SCHAAL 1 : 50000
1934

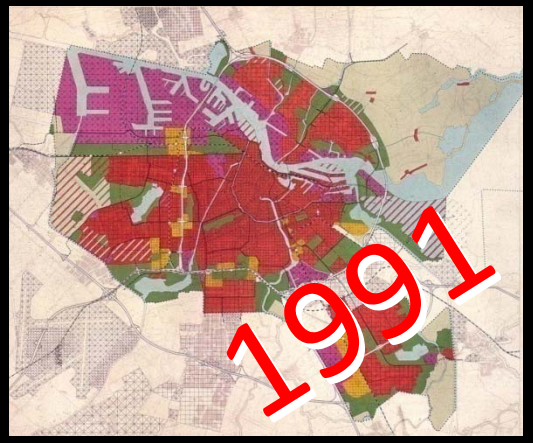

STRUCTUURPLAN VAN HET STEDELIJK GEBIED TEN NOORDEN VAN HET IJ SCHAAL 1 : 25.000
1958

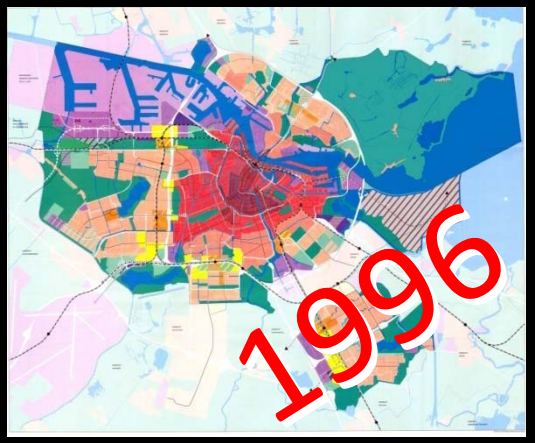

1965

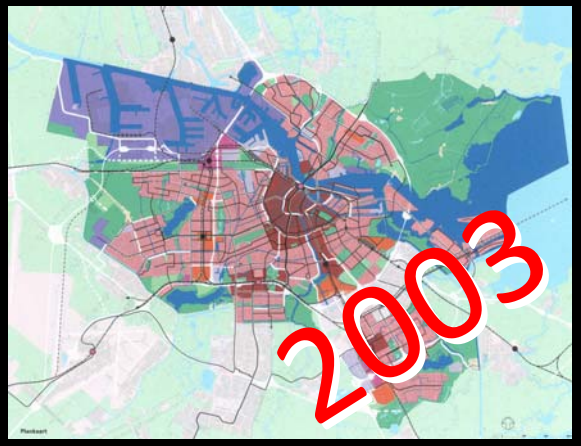

1974


1981


1985

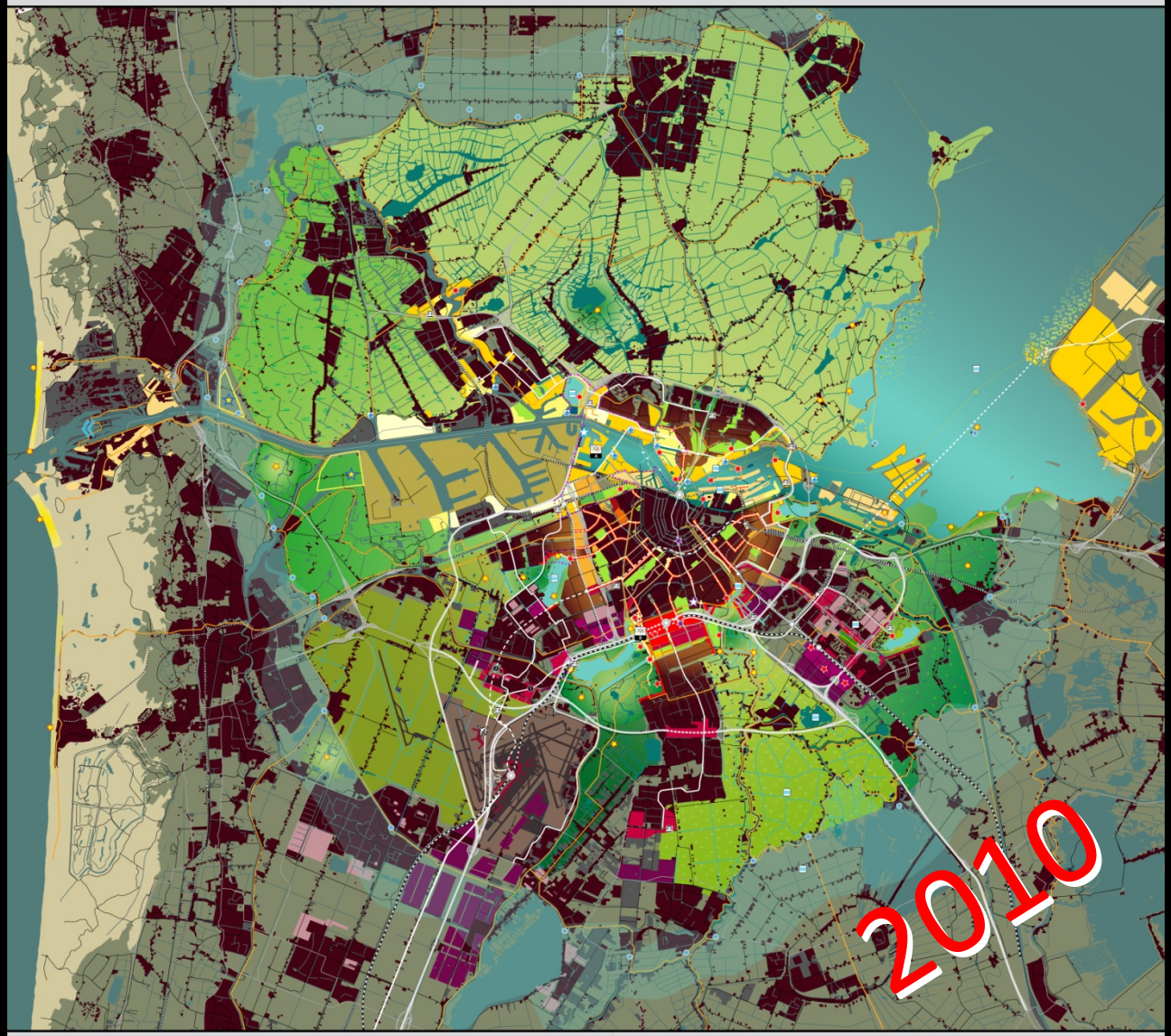

1991

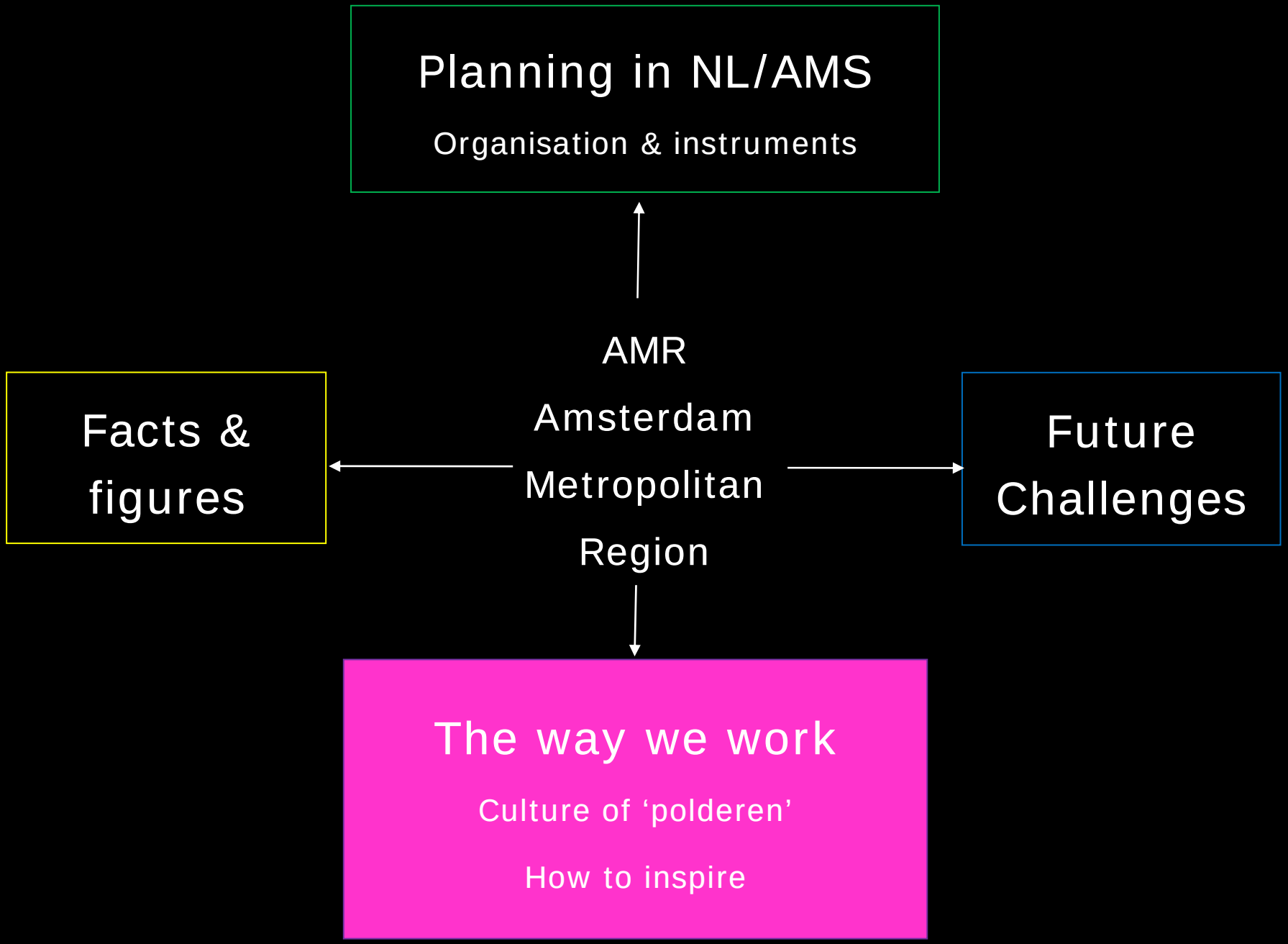

1996


2003

Visiekaart Amsterdam 2040

Vier grote bewegingen vinden onmiskenbaar plaats. Vergroting van het populaire centrum, dynamiek langs het waterfront rondom het Noordzeekanaal, het IJ en het IJmeer en internationale ontwikkelingen aan de zuidkant van de stad met de Zuidas als centrum, en een intensiever recreatief gebruik van het landschap rond de stad. Er zijn twee mogelijke Olympische locaties.

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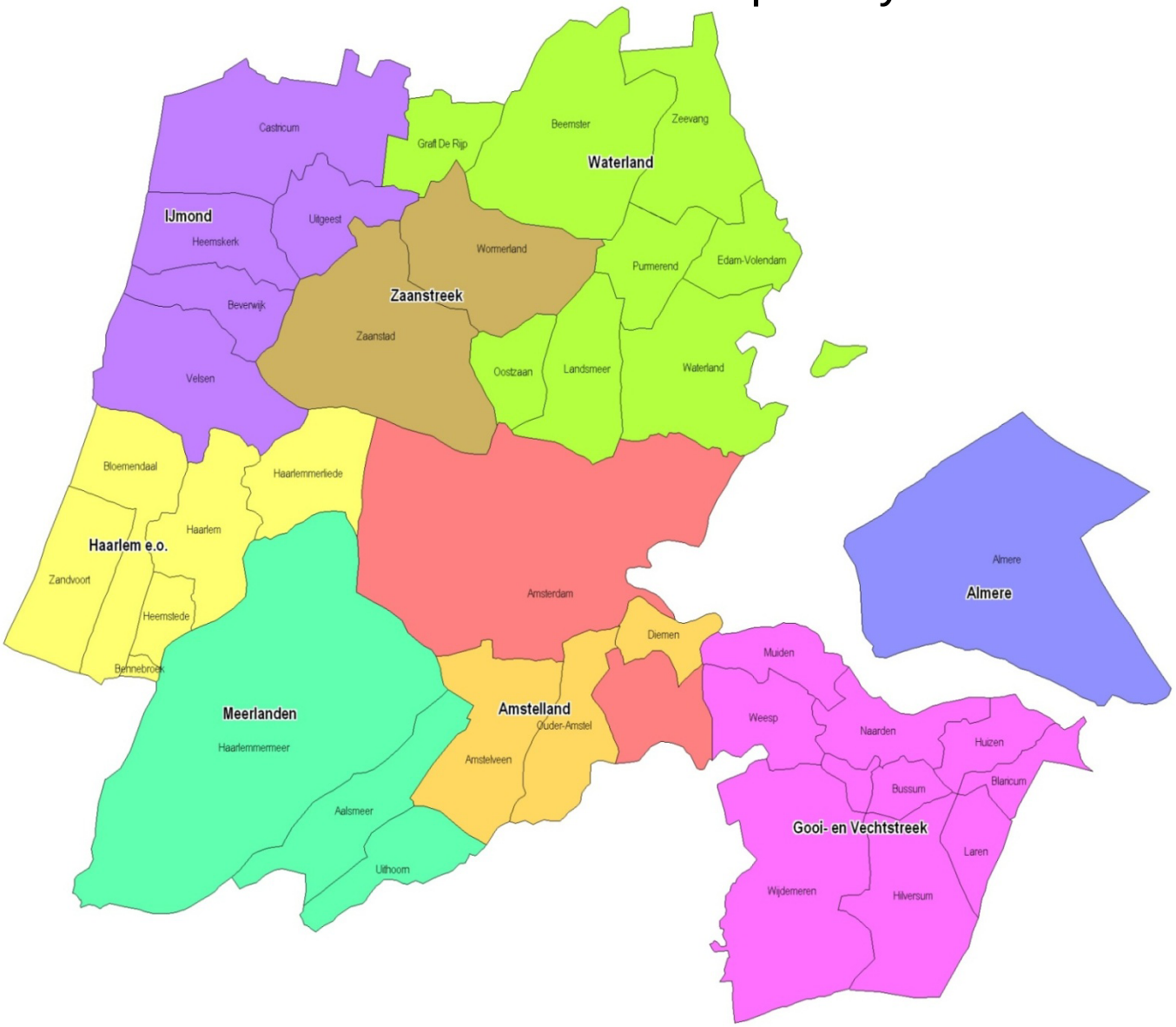
How to inspire

Building dikes around polders to protect the landscape from floading

A culture of debating
Governance instead of Government

How to deal with complexity

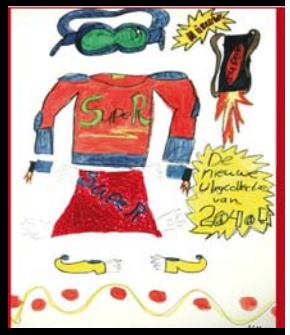


36 Municipalities | 1 Cityregion | 2 Provinces

Planning = 80% communication

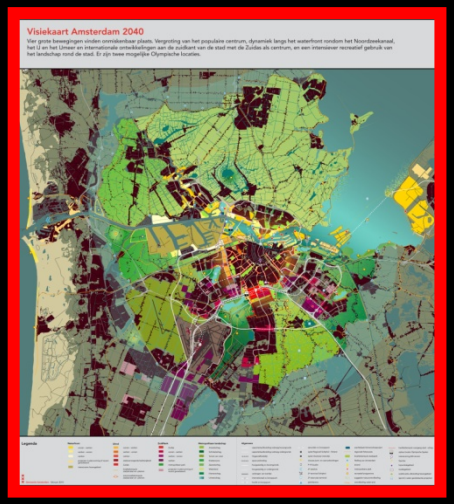
How to inspire?

4 Metropolitan Conferences on housing, infrastructure, landscape & sustainability leading to 1 overal future perspective



Encouraging politicians, professionals, students and kids to participate and bring in their ideas

Inspire – Connect - Activate

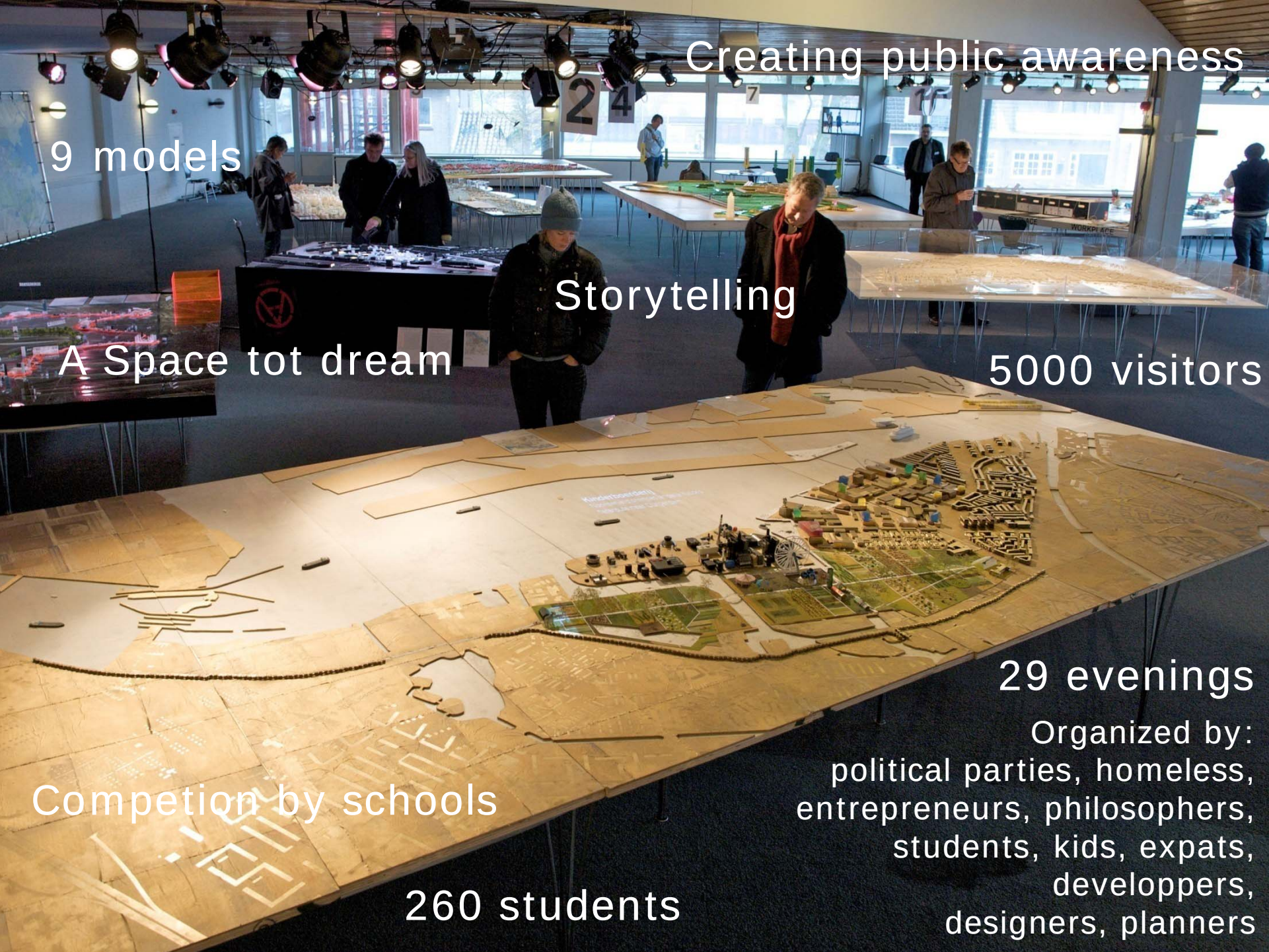


FREE STATE AMSTERDAM:

26 September – 8 November 2009

Tolhuistuin, Amsterdam – 4th IABR ‘Open City: Designing Coexistence

Inviting people to share their dreams about their future


Creating public awareness
9 models
Storytelling
A Space tot dream
5000 visitors
29 evenings
Organized by:
political parties, homeless,
entrepreneurs, philosophers,
students, kids, expats,
developpers,
designers, planners
Competion by schools
260 students

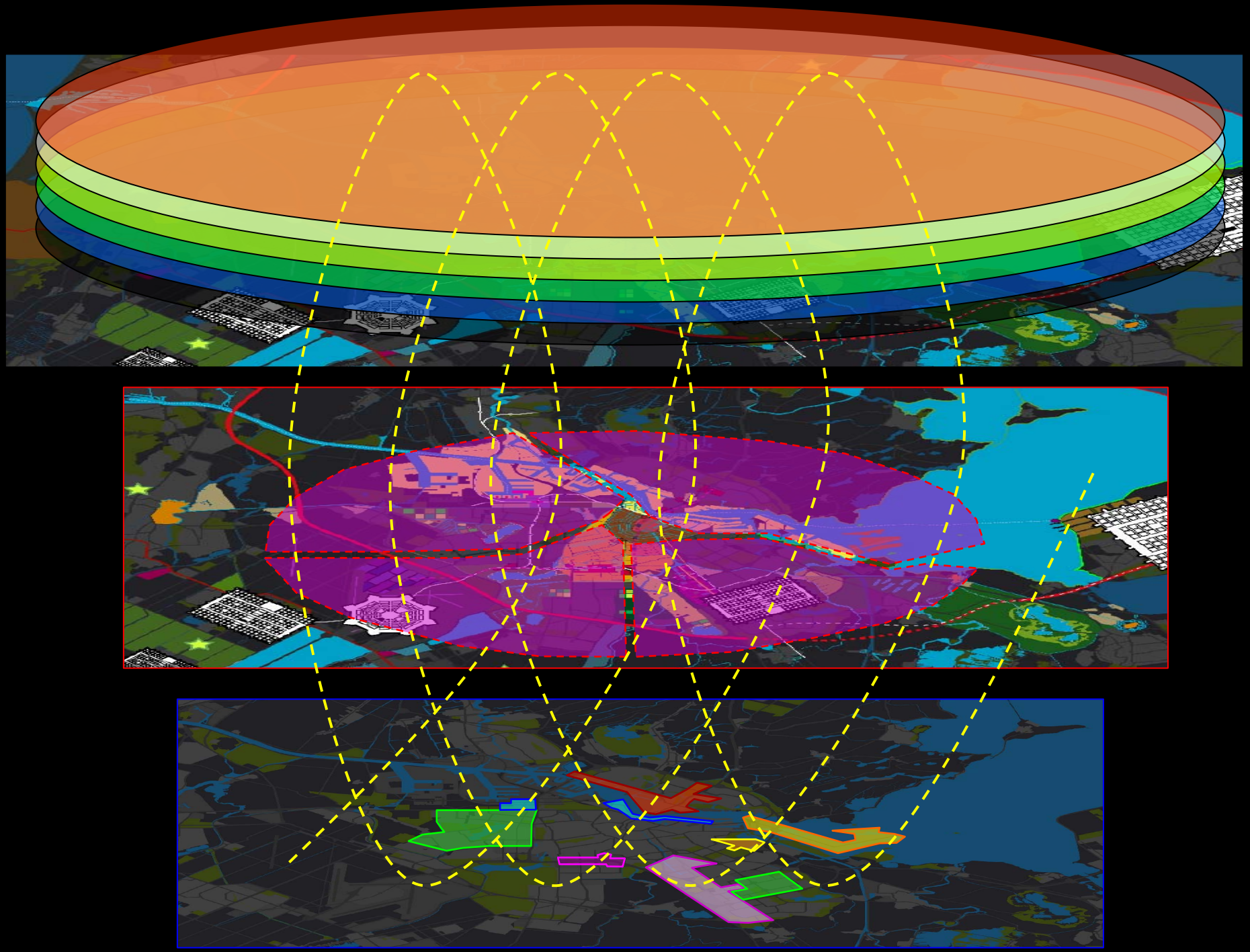
Studio KLOK
Amsterdam-Southeast

From Urban District to Free City

MUST

Head of the Amstelwedge

Landscape of Freedom



‘The Amsterdam Principles’

Start small
Do not exclude others
Leave your weapons
Focus on the content
Share stories
No power points
Curb your passions
Be curious
Hold on!