



Ministry of Infrastructure and the
Environment



What European territory do we want?

Workshop preparing a political debate on Territorial Scenarios and Visions for Europe for 2050

Netherlands experiences

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Content

- The use of scenario's
 - Principles
 - In policy making proces
- Examples
- Lessons learned





The use of scenario's: principles

Scenarios are

- Possible future of the world:
stories about what the future might be like
- Exogenous fact for user
- Equally plausible
- Consistent
- Exploration of the future
'what if'

Scenarios are not/ cannot

- Predictions/forecasts of the future
- Be influenced by the user
- Be chosen by the user
- 'Visions' of drafter



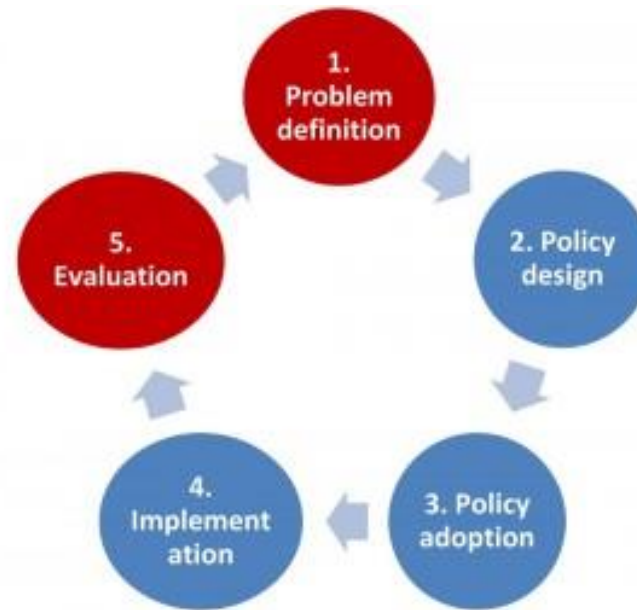
The use of scenarios: Principles

Scenarios

- Are designed **to help improve decision making** by allowing consideration of outcomes and their implications
- Help to think more **flexibly about the future**, so that we can react adequately in a changing world, **exploring opportunities**
- **encourage creativity and innovation** by requiring that we think further out into the future than we often take the time to do!
- Are a **tool for ordering**: one's perceptions about alternative future environments in which today's decisions might play out
- **Are a risk management tool** that encourages us to imagine what might happen if our expectations for the future don't come true

The use of scenarios in policy making

Differs per stage:



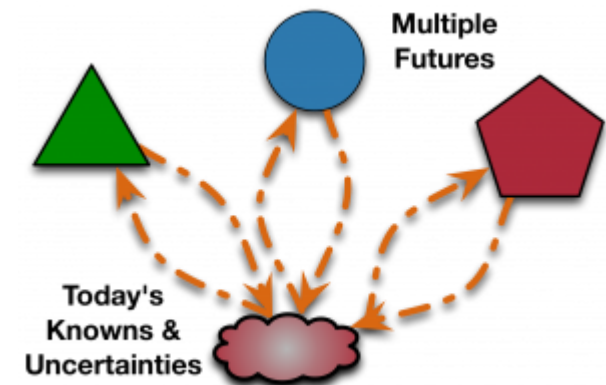
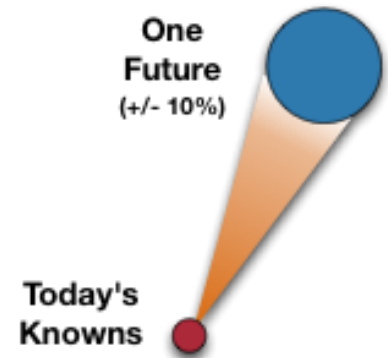
1. Several scenarios
2. Several scenarios v. one scenario (several parties/binding agreements)
=> prognose of most likely future often needed



The use of scenario's in policy making

- Forecasts (projections)
- Prognoses
- Perspectives
- Scenario's (mid term and long term)
 - Environmental and planning
 - Policy

=> Define and set scope (reason, goal)!



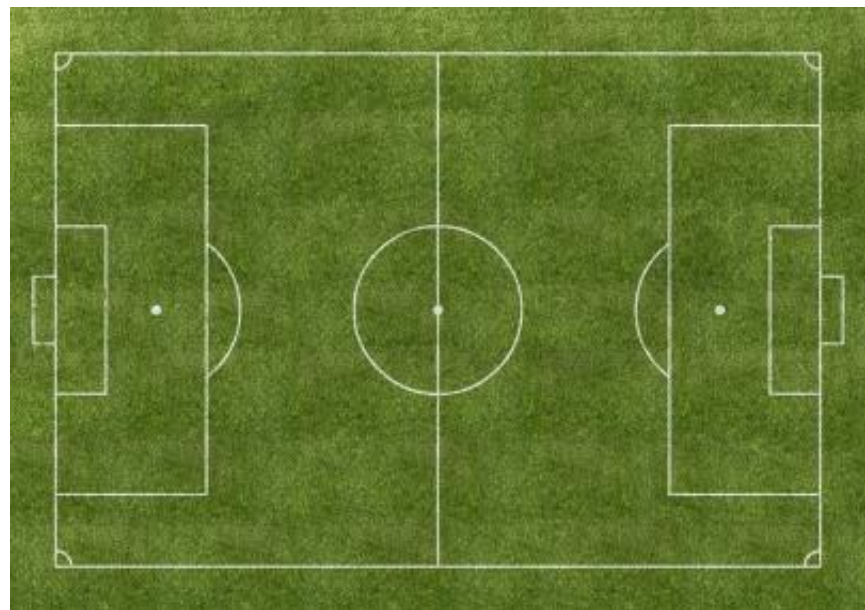


The use of scenarios in policy making

- Different use in different stages of policy making proces
- Has increased over the years
- Environmental and planning scenarios v. policy scenarios
- Regularly 1 or 2 scenario is/are used because:
 - Easier to agree on 1 set of numbers
 - Lack of lang term prognosis for economy and mobility
 - Calculation of which point of interest is most important
 - (strategical) political reasons
 - It is only one (of many) tools



The use of scenario's





Example WLO

WLO 2006 (Welfare, Prosperity and Quality of the Living Environment)

Trends: decreasing household size, the ageing population, international migration, economic growth, and increasing personal welfare, will change the Dutch natural and built environment significantly. This national foresight exercise analyses the combined impact of these trends on various aspects of the Dutch urban and rural landscape, including residential and industrial land use, traffic & transport, energy, agriculture, nature & landscape, water safety, and environment & health. Quantitative forecasts illustrate these trends as well as their effect on the natural and built environment.



WLO 2006





Strong Europe

- Immigration, especially of family migrants
- High population growth
- European integration successful
- Global trade with environmental restrictions
- Effective international environmental and climate policy
- Emphasis on public services

Regional Communities

- Immigration limited to asylum seekers
- Population shrinks from 2020
- No further European integration
- Trade blocs are maintained
- Lowest economic growth
- Effective national environmental policy
- Emphasis on public services

Global Economy

- Immigration important
- Highest population growth
- European economic & monetary integration is important
- Global free trade
- High economic growth
- No effective intern. environmental policy
- Emphasis on private facilities

Transatlantic Market

- Immigration limited to work migrants
- Population stabilizes around 2030, then slight decrease
- European integration only in the economic field
- Trade Blocks and import duties are maintained
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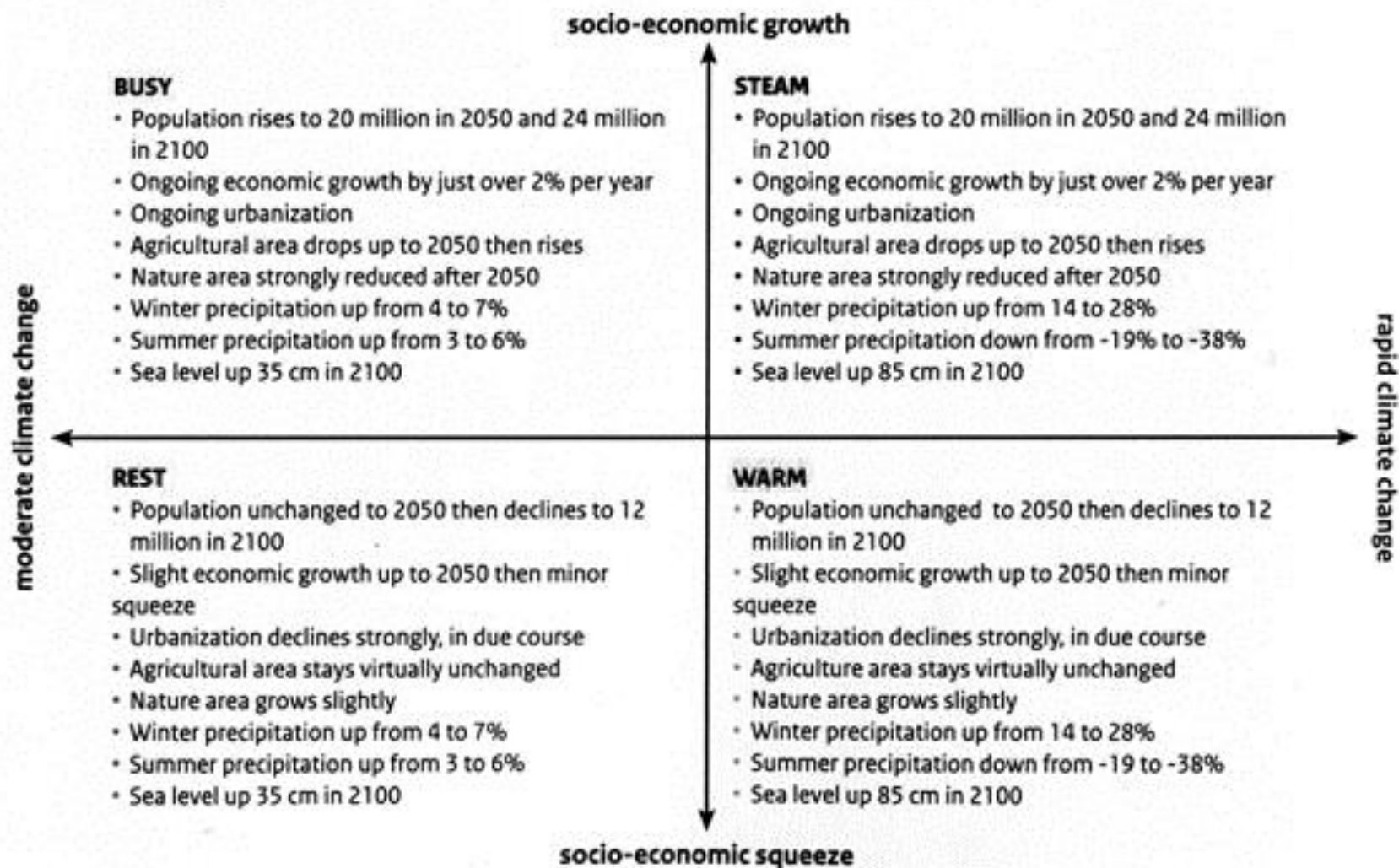
WLO example I: basis for Delta scenarios





Delta scenarios

Brief description of the Delta scenarios





WLO 2006: exemple 2

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WLO 2006: exemple 3

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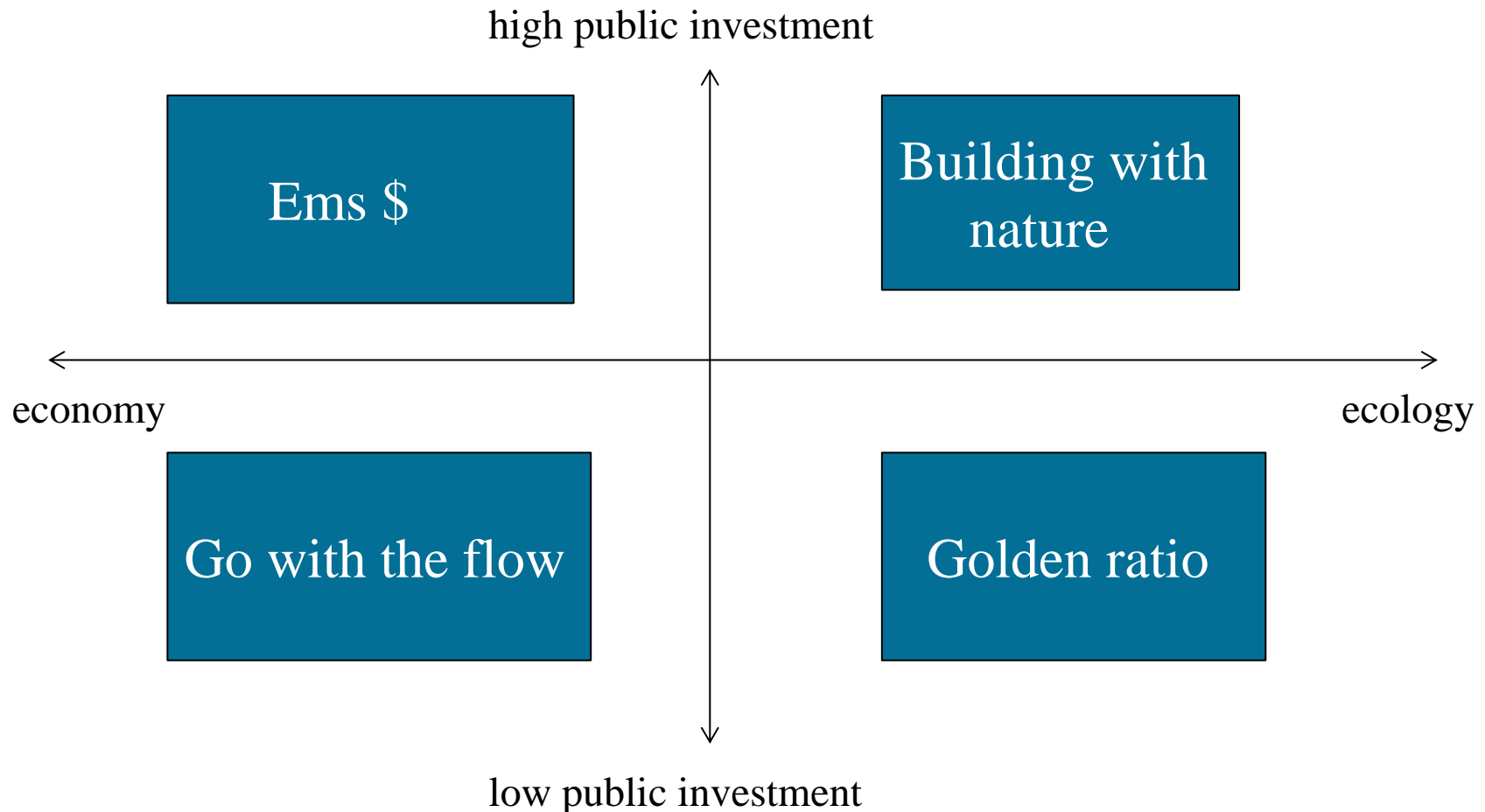
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UPPER LIMIT = PROGNOSIS

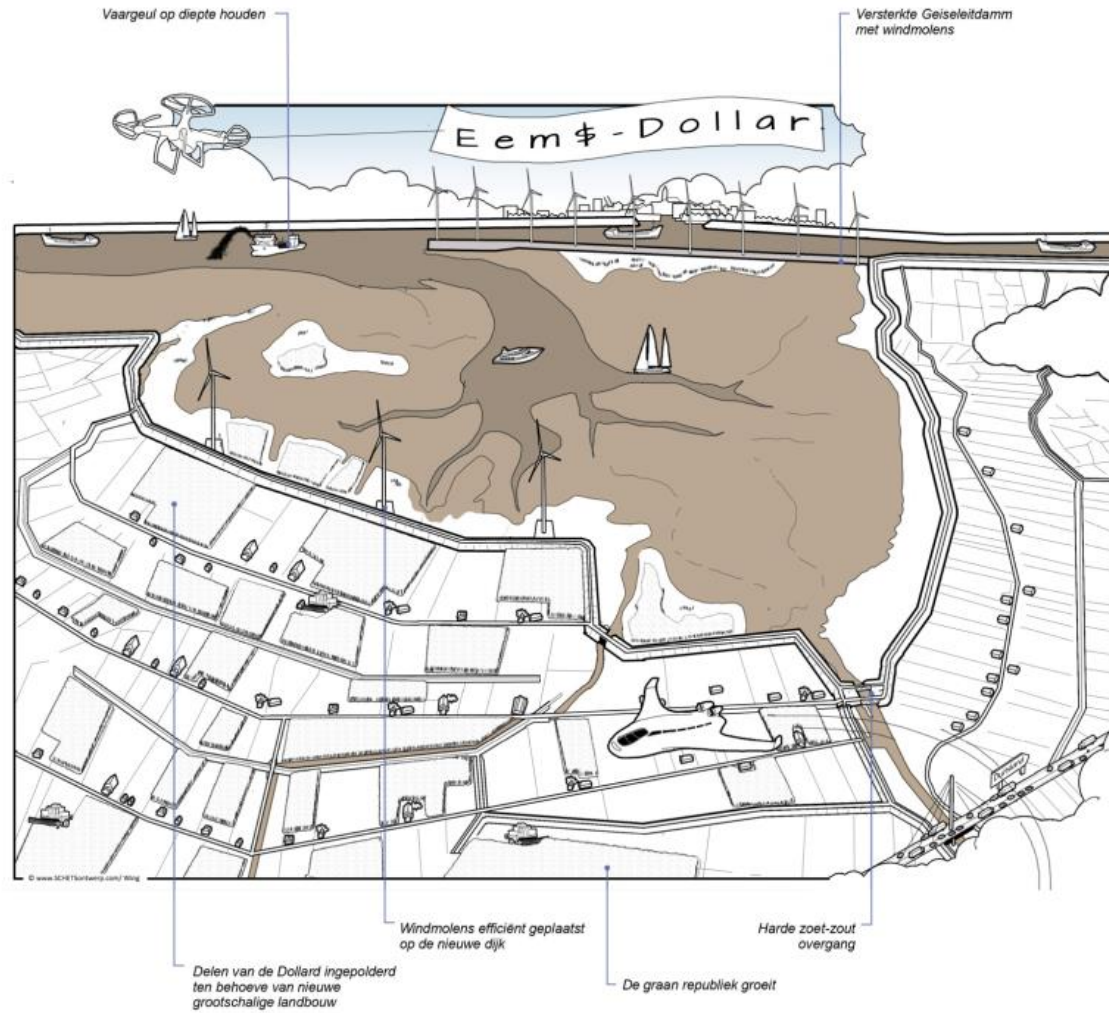


Ems estuary perspectives



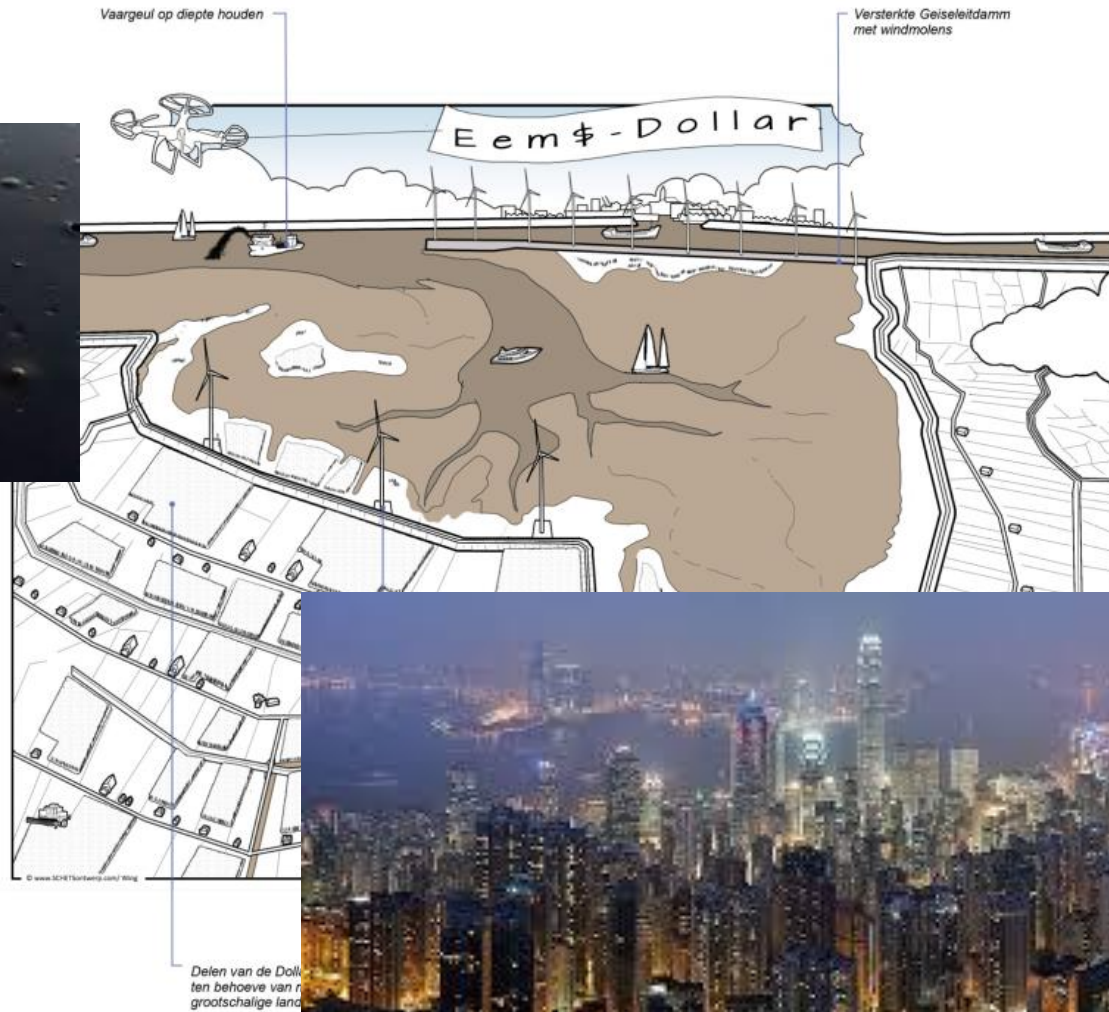


Ems \$



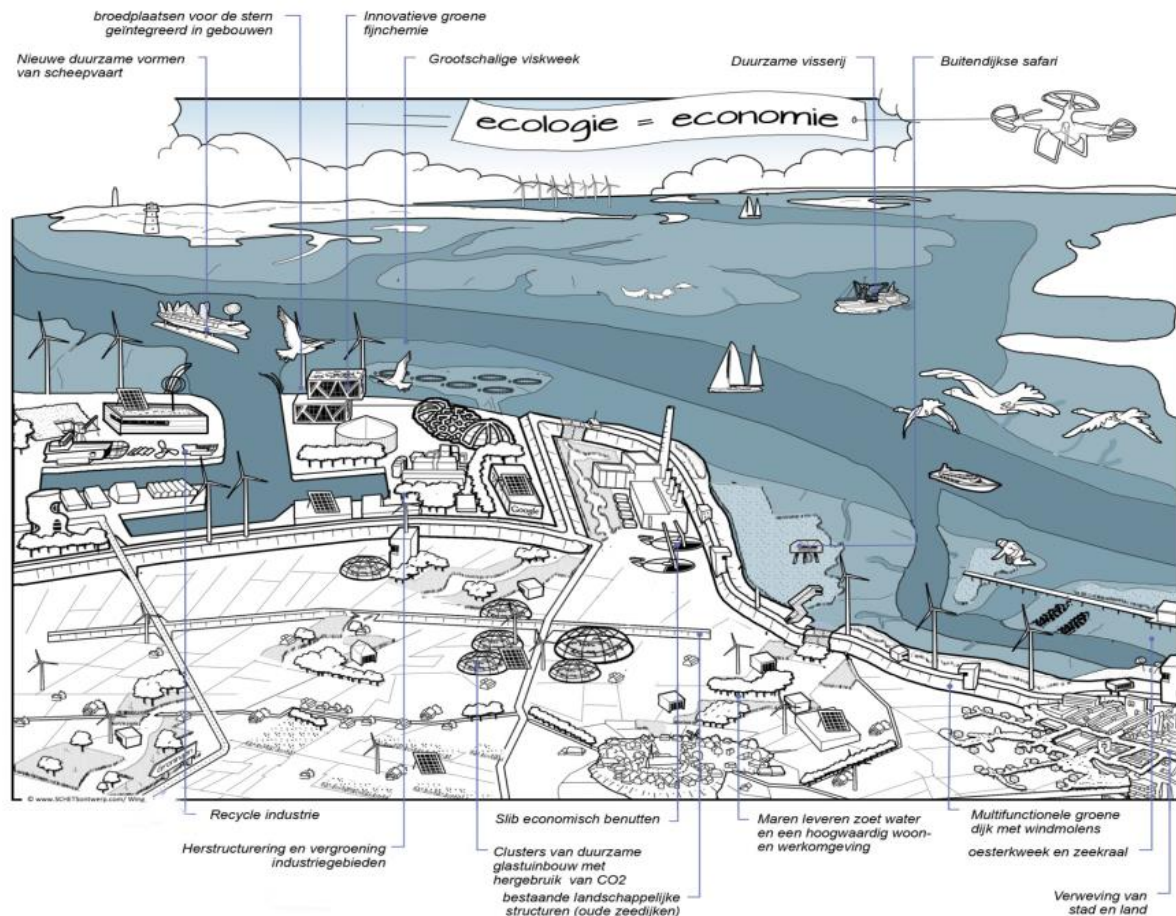


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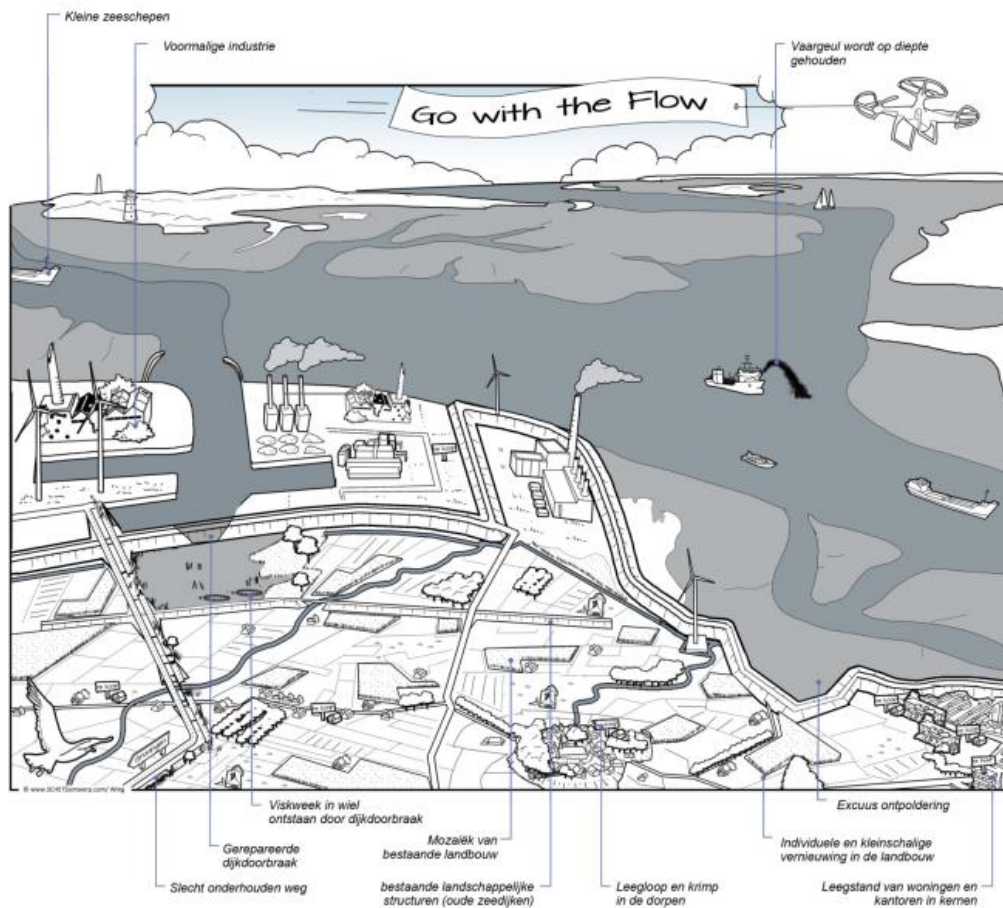


Building with nature

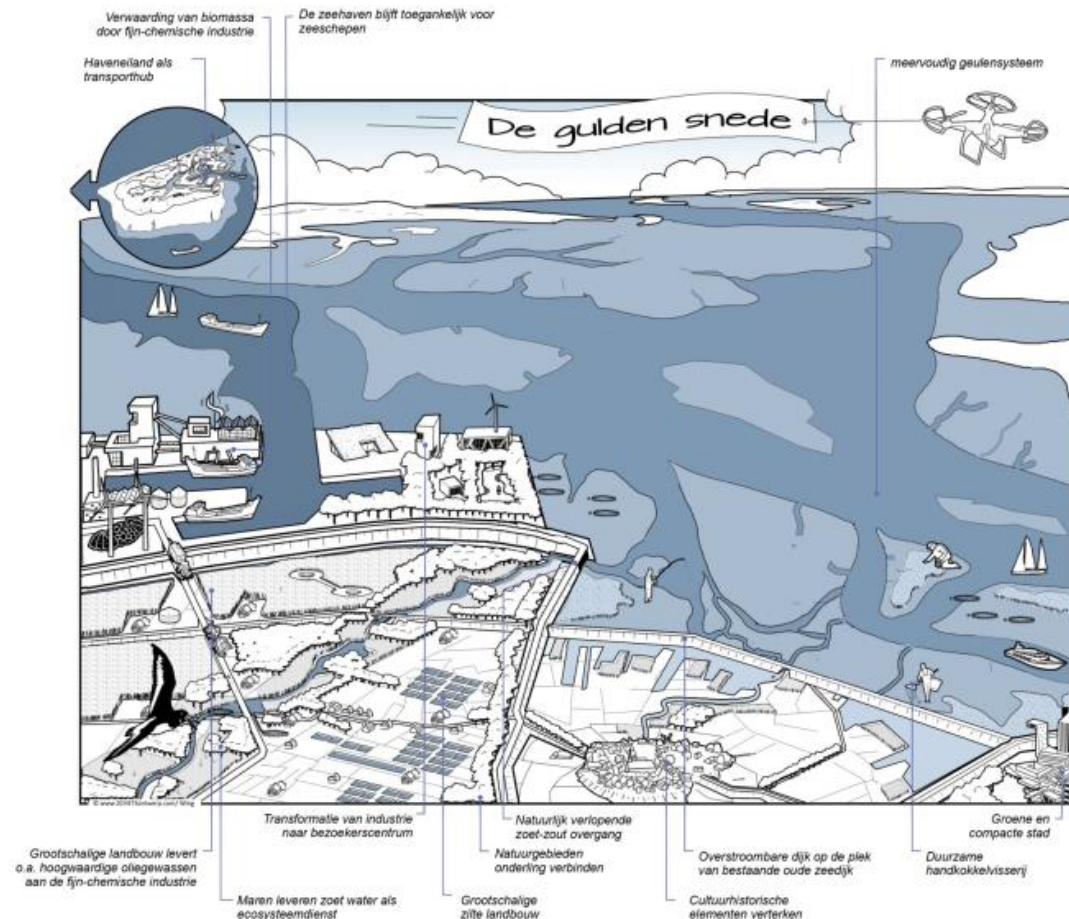




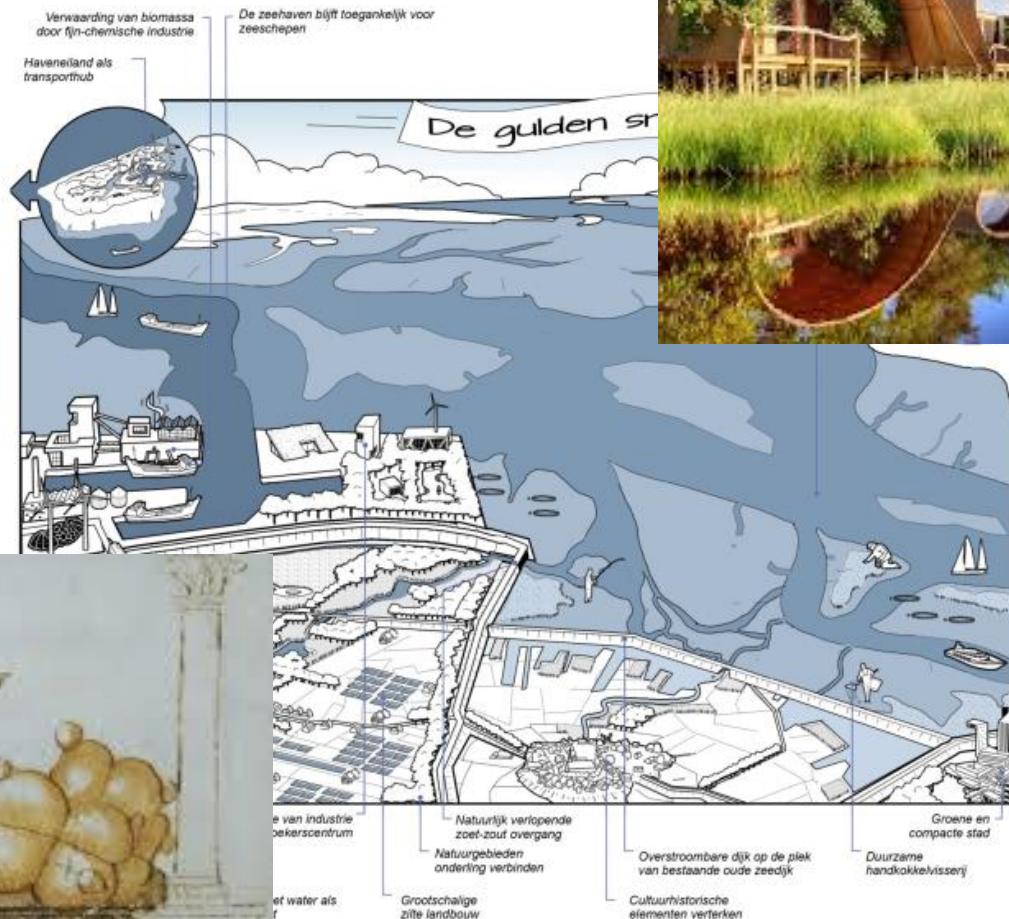
Go with the flow



Golden ratio



Golden ratio





Lessons learned

Principle

- Scenarios \neq forecasts
- Scenarios = objective

Reality

- Scenario = often used as forecasts
- Scenarios = politics