



# Urban Green Islands: from the Concept to Good Practices



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# Structure of the presentation

1. Introduction: on the Urban Green Islands concept
2. Relationship with the concept of sustainable development
3. Functions / Effects of the Urban Green Islands
4. Good practices
5. Questions and Opportunities

# There is no common concept of the Urban Green Islands

Urban Green Islands

Eco-friendly Cities

Green Cities

Green infrastructure

Urban Green Spaces

Community Gardens

Climate Districts

Urban Greening

Urban Permaculture

Food Forests

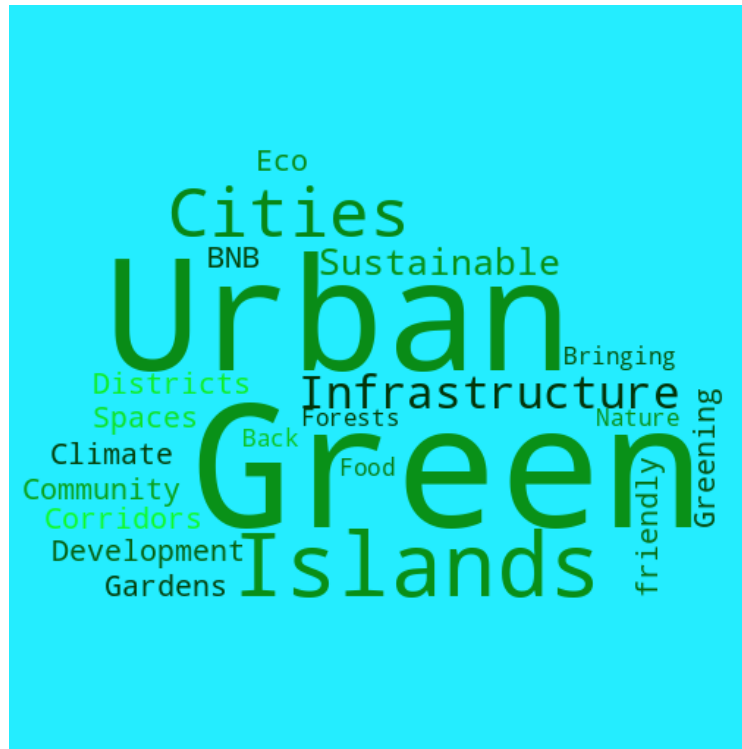
Urban Gardens

Parks and Squares

Green Architecture

Green Corridors

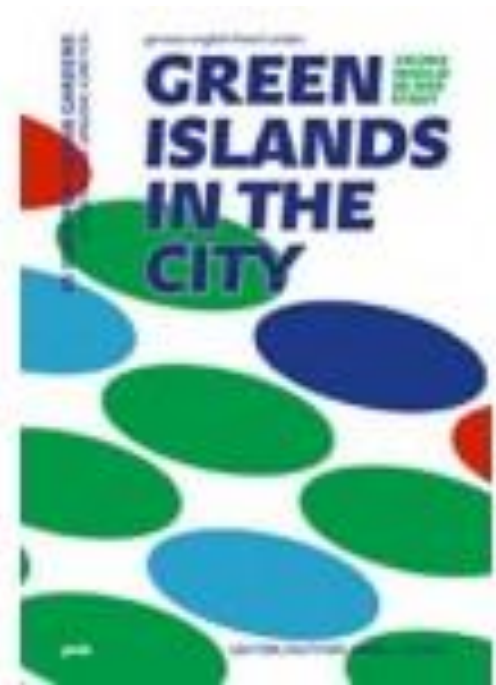
BNB - Bringing Nature Back into Cities



# Urban Green Islands:

Natural spaces (forests, parks, squares, small and mini natural objects), open spaces, undeveloped territories with natural vegetation, living organisms, ecosystem surrounded by or near residential and industrial areas in cities and their suburbs.

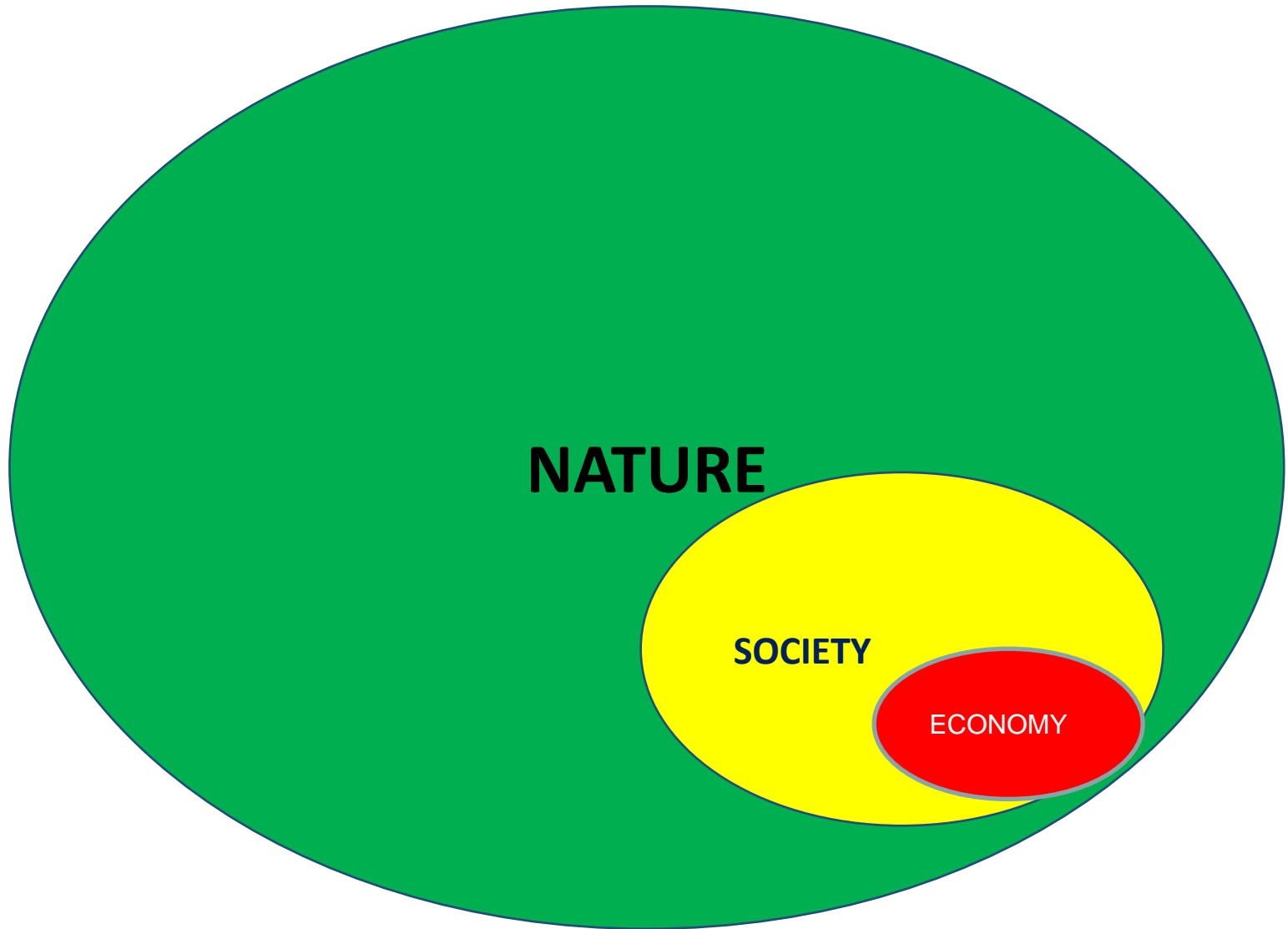
There is even a book of  
landscape architects  
“Green Islands in the City:  
25 Ideas for Urban  
Gardens” by Kamel Louafi,  
2013



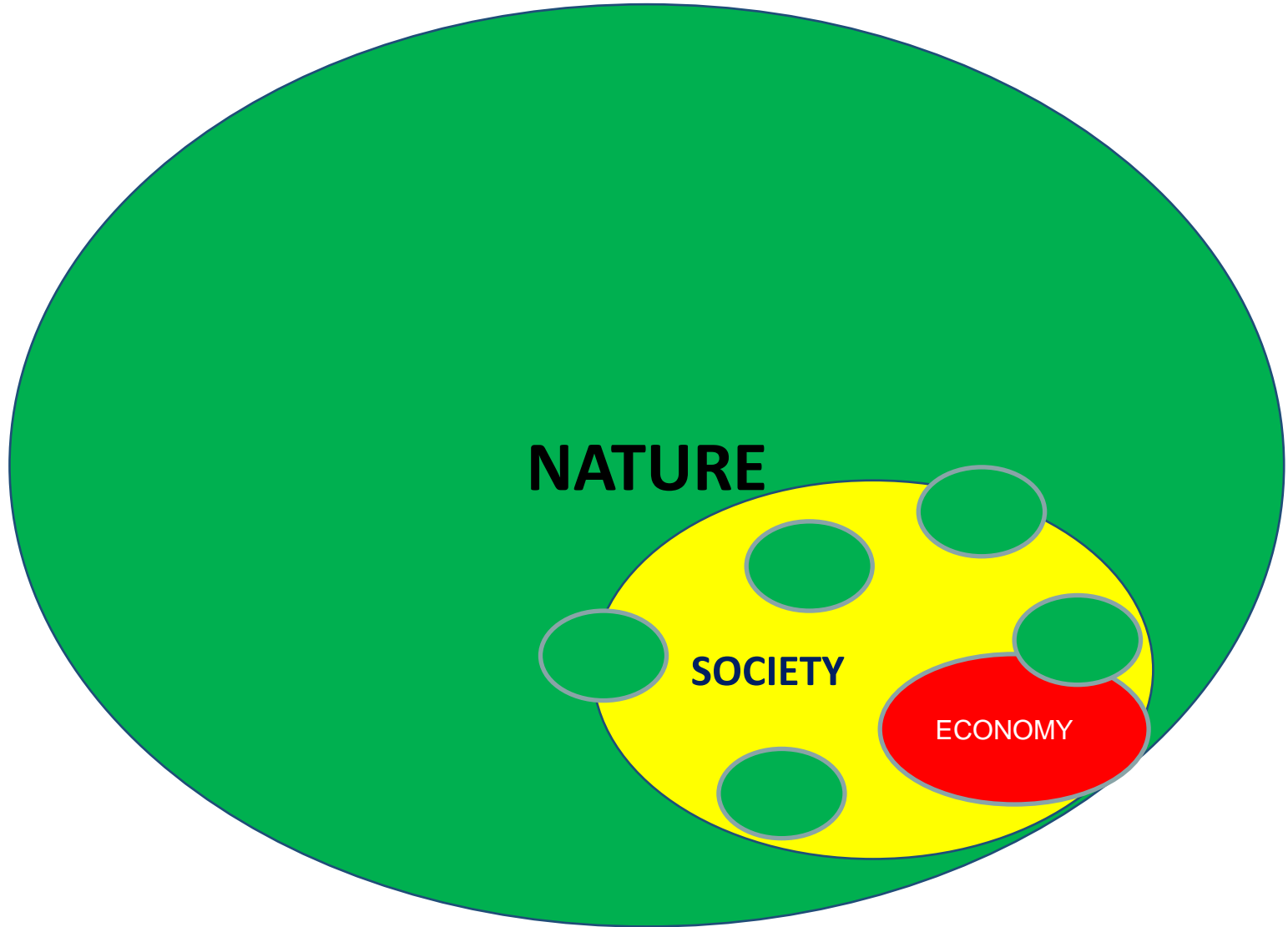
# Sustainable Development Concept



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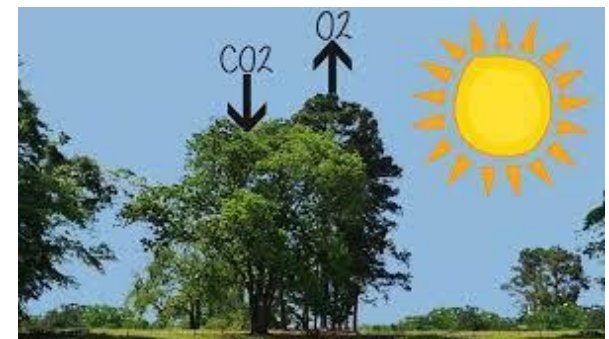
# Sustainable Development Concept!





# Functions / Effects of the Urban Green Islands (I)

- Biodiversity conservation
- Communal use (social meeting places, relaxing urban space...)
- Climate adaptation measures (protection against heavy rains, heat protection...)



# Functions / Effects of the Urban Green Islands (II)

- Reducing air pollution
- Contribution to social and economic competitiveness
- Beautification and enhancement of the urban environment
- Basis for environmental education
- ...

An **urban heat island** (UHI) is an urban area that is **significantly warmer than its surrounding rural areas due to human activities.**

According to the Environmental Protection Agency, the annual air temperature of a city with 1 million people can be 1–3 degrees Celsius warmer than its surroundings.



<https://education.nationalgeographic.org/resource/urban-heat-island/>

# Example of visualizing how greening affects the city's climate



<https://www.krakowdlamieszkancow.com/>

# Oslo European Green Capital 2019



# Singapore - the world's first garden-city



“To achieve First World standards in a Third World region, we set out to transform Singapore into a **tropical garden city.**”

“Greening was positive competition that benefited everyone - it was good **for morale**, **for tourism**, **and for investors,**”

*Prime minister Lee Kuan Yew*

In 1963, before independence he had launched the first Tree Planting campaign.

# Small-scale practices

- Restoration of open space in a village
- Participation of an NGO in the greening of the urban area
- Participatory budgets





# Immediate action is required very often

- Restoration of historic buildings in Berlin



- Rescue, support of old trees



# Directions of work

- Institutional basis: laws, rules and organizations
- Research & education: study local conditions and possibilities, learn and acquire new skills
- Practical: common practices, exchange, projects and events
- ...

Is possible to get our aims?

# Brendon Grimshaw



<https://explorersweb.com/man-who-bought-tropical-island/>

# Questions and Opportunities

- How to involve different participants and achieve interdisciplinary synergy?
- What are the better “growth points” (methods and tools based on the potential of the territory) for greening prosperity?
- How to combine cities greening with gentrification?
- Is it possible to replace the Last-chance tourism with the Nature Regeneration Experience tours?
- How to use uniqueness of the concrete city in the Urban Green Island work?
- ...

**Let's discuss and do it  
together!**

# Thanks!

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