

Feeding the city

Could urban agriculture feed our cities?

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The city and our food



Jan Eelco Jansma

Feeding the city

- Urban agriculture
- Governance of change
- Impact of Food



Team Urban Rural Relations, Plant Science Group

Lelystad

Wageningen UR

The city and our food



The city and our food



Wageningen, 38.000 dwellers



599 ha. of plants



36 ha. of fruit



48 ha. of vegetables



363 ha. of wheat

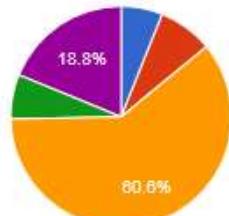


39 ha. of potatoes



113 ha. of sugar

Vegetable products
total of: 599 ha.



84,783 animals



844 dairy cows



1,996 beef cows



6,070 pigs

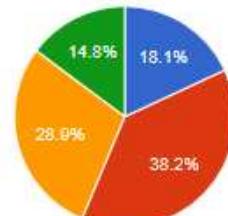


9,100 laying hens



66,773 chickens

Fodder
total of: 1,546 ha.



1,545 ha. of fodder



279 ha. of wheat and barley



591 ha. of corn products



446 ha. of grass and clover

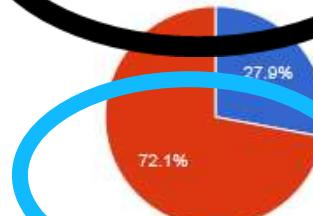


229 ha. of additional produce



another 35%-50% from abroad

Vegetable produce versus fodder
total of: 2,145 ha.



The city and our food



Reconsidering the city and our food



FARMING THE CITY



Multi Scale: location, size and people



Multi Scale: production system



Urban Agriculture is...

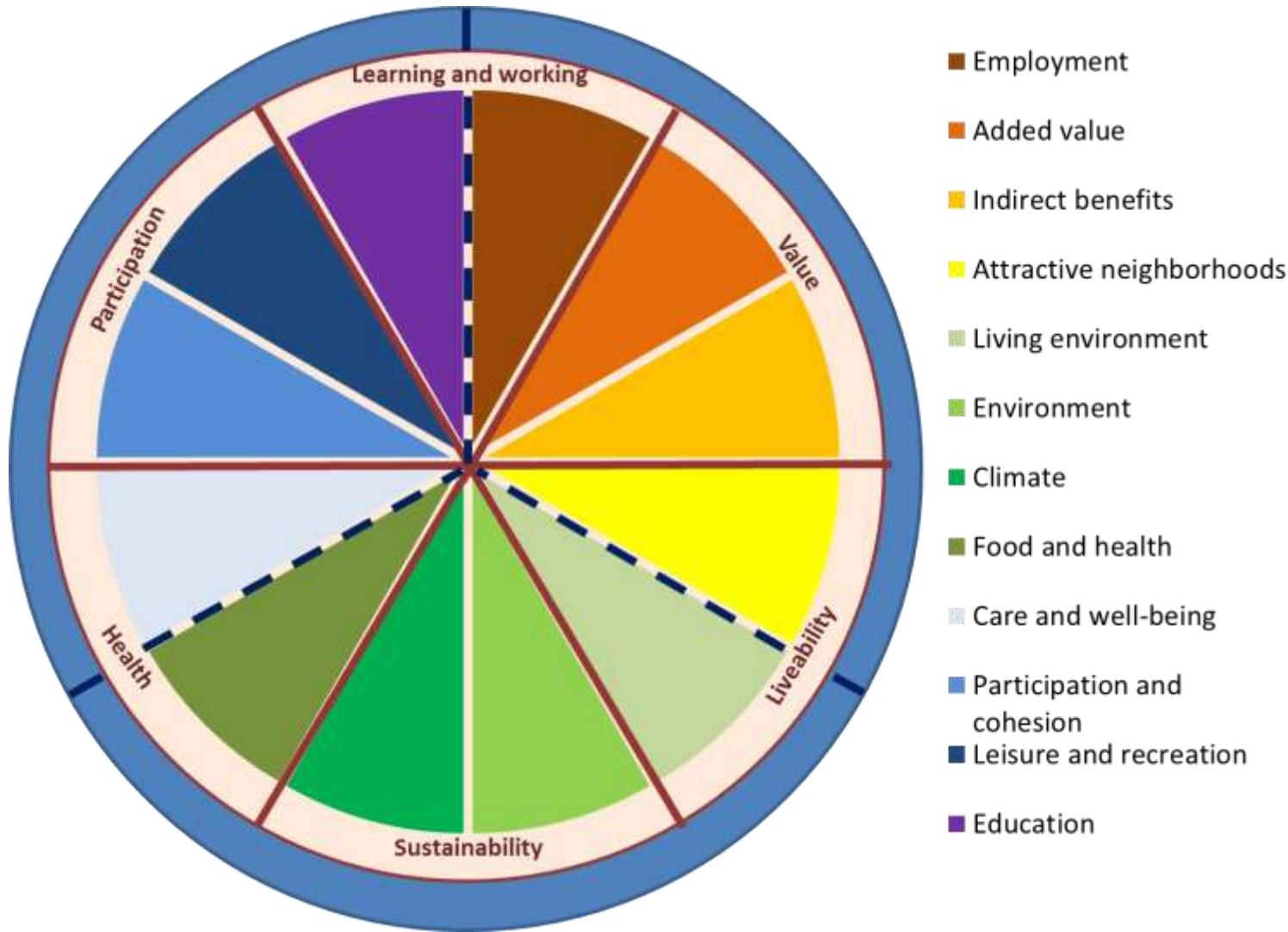
Food production & processing in the city,
cities' fringe & outside the city

Integral part of the urban fabric;
economic, ecologic and social system

Urban Agriculture = Multi Scale

Urban Agriculture = Multi Functional

Multi-Functional



Urban farm of Almere



Multifunctional:

1. Food: app. 100 ha, beef cattle
2. Leisure
3. Care
4. Education
5. New Business (artisan)



Onze Volktuin, Almere

Multifunctional:

1. Food
2. Leisure: 120 allotments
3. Social Cohesion
4. New Business



Ridammerhoeve, Amsterdam



Multifunctional:

1. Food
2. Leisure
3. Education
4. Employment
5. New Business

De kwekerij, Amsterdam



Multifunctional:
1. Food
2. Care
3. New Business

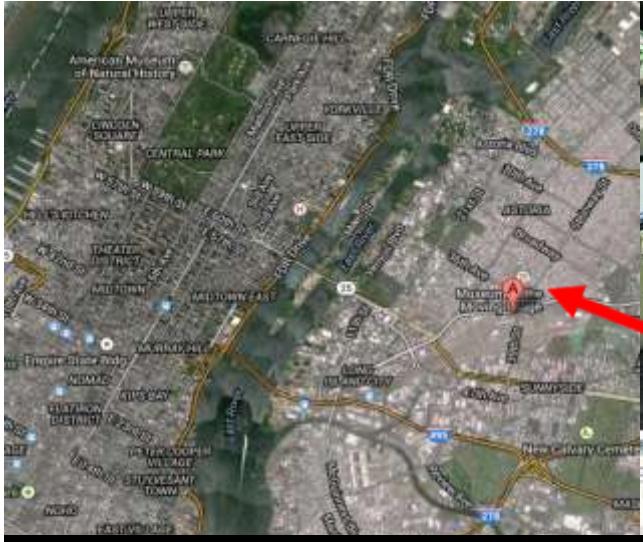
De voedseltuin: Rotterdam



Multifunctional:

- Food
- Care and Health
- Participation
- Living environment

Brooklyn Grange: New York



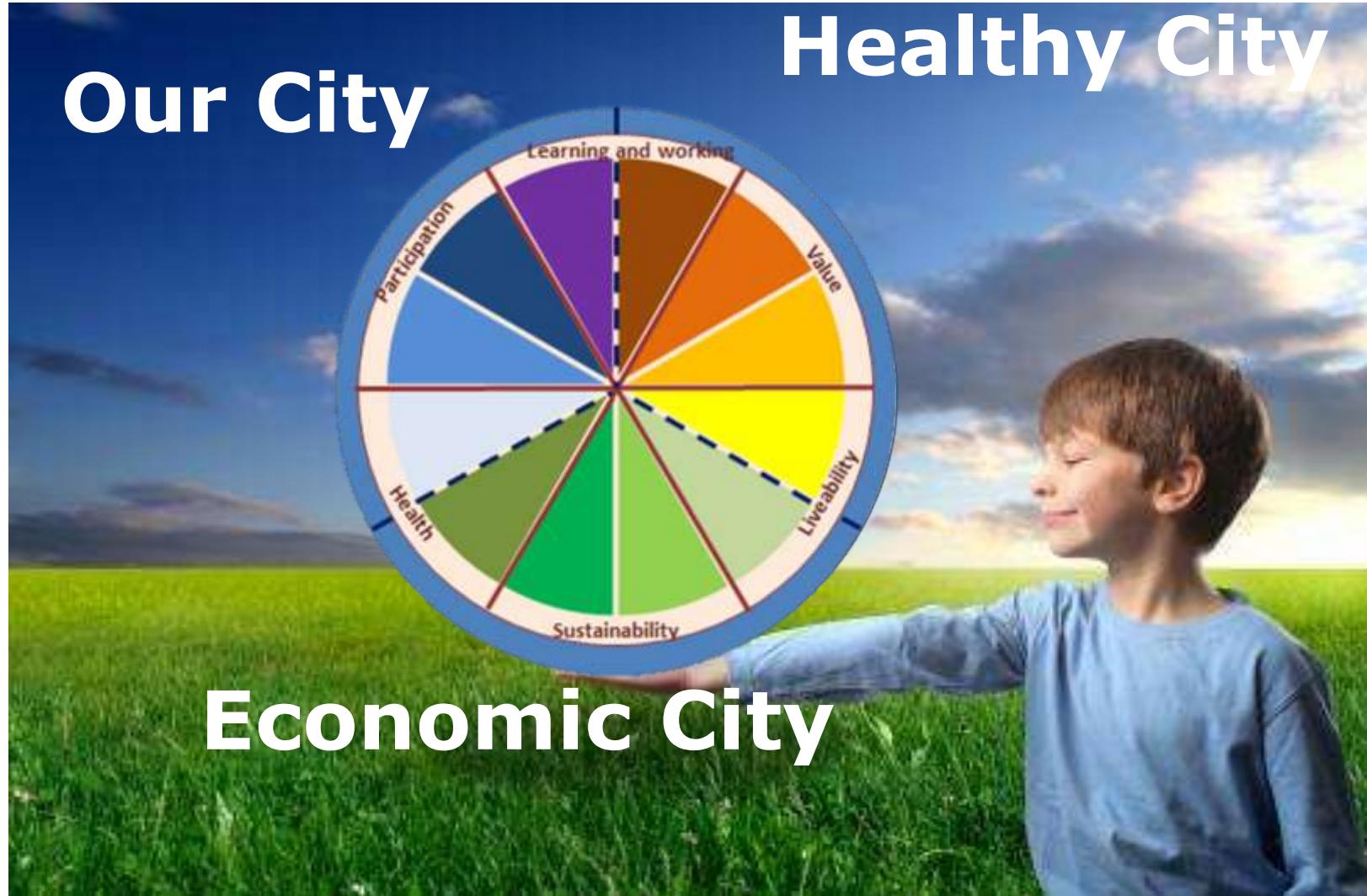
Brookline Grange:

- 4.000 m² rooftop
- Leisure: Restaurant, events
- Climate

**BROOKLYN
GRANGE**



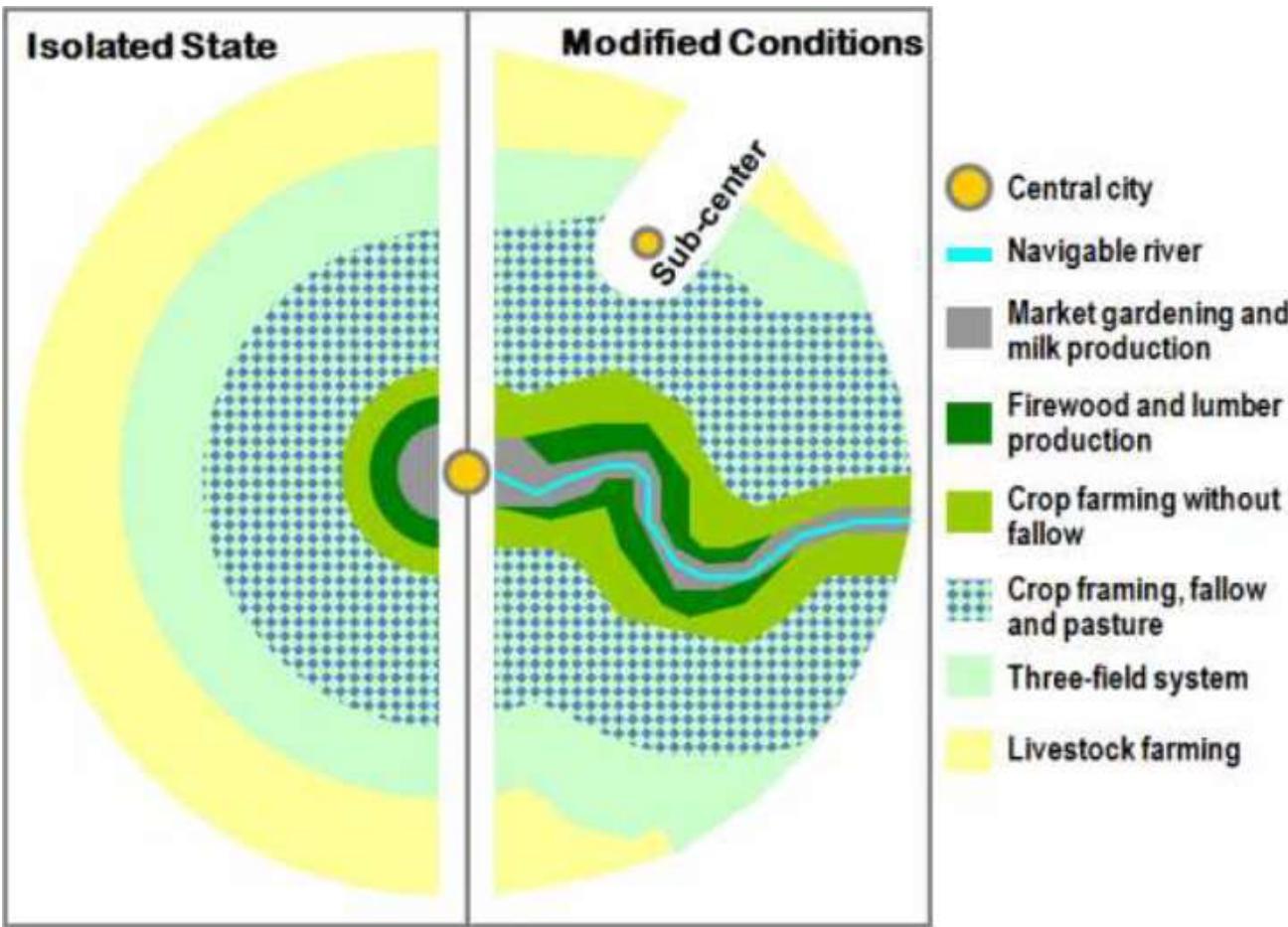
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Von Thünen...



1783-1850

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Urban fabric of the future



More Info

www.urbanfoodprint.info

www.stedennetwerkstadslandbouw.nl

www.stadlandrelaties.nl

