

City Network Urban Agriculture

Feeding our cities future

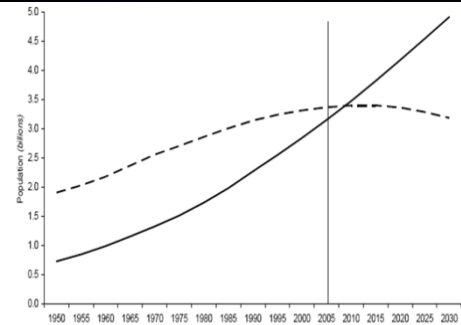
5th of July 2013, Jan Eelco Jansma and Esther Veen



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For quality of life



City



Rural area



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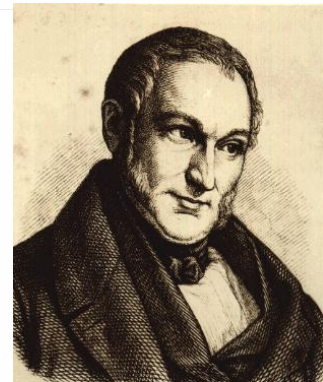
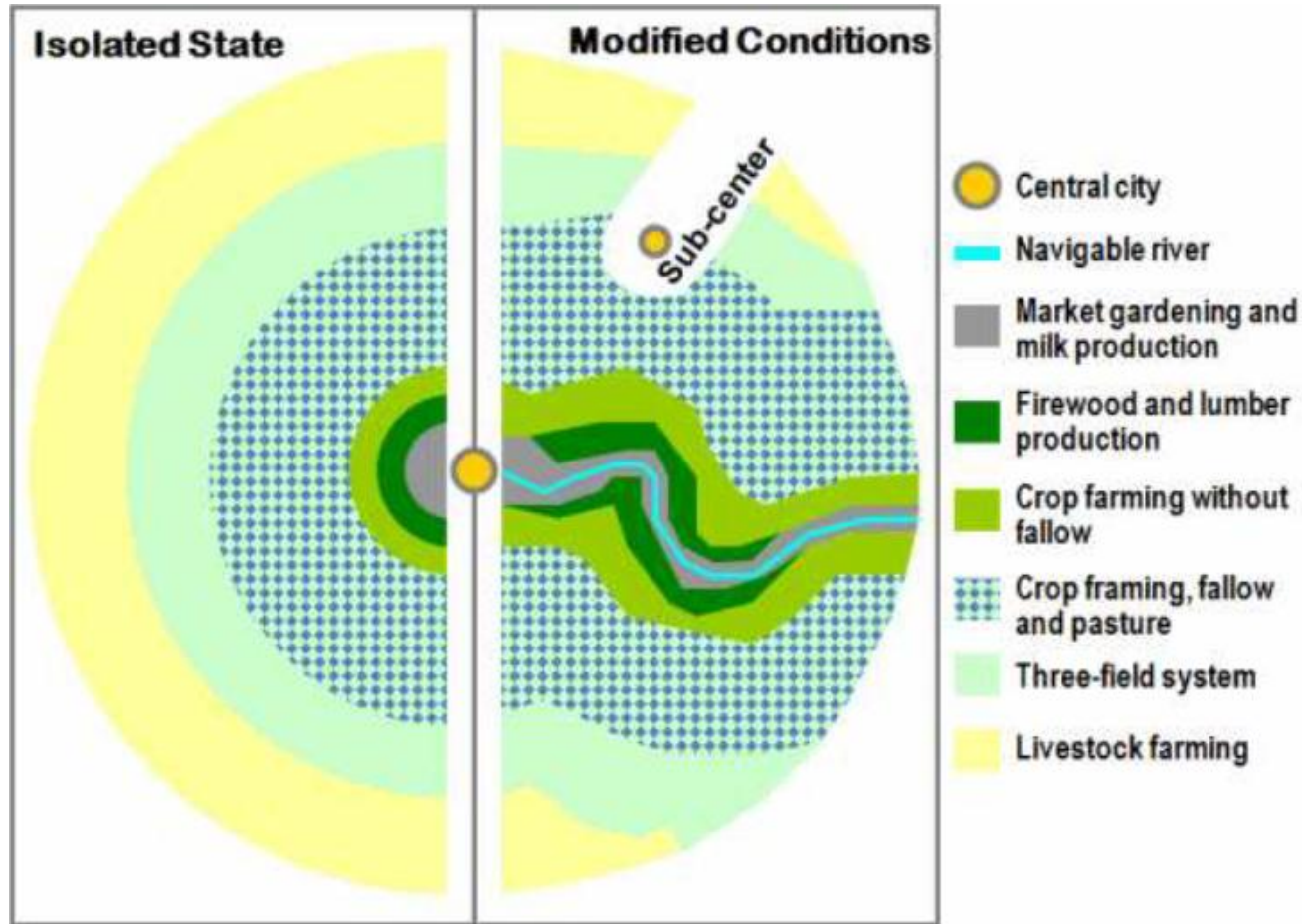
Jan Eelco Jansma

- Wageningen University and Research
- Applied Plant Research
- Agronomist: sustainable agriculture
- Scientist Urban Agriculture



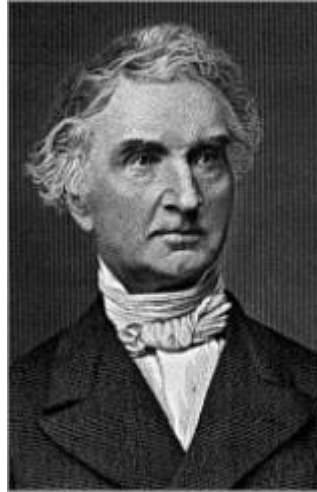
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Von Thünen...



1783-1850

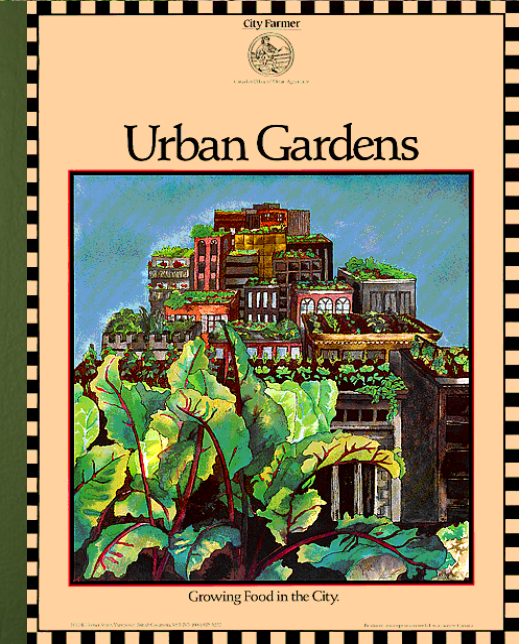
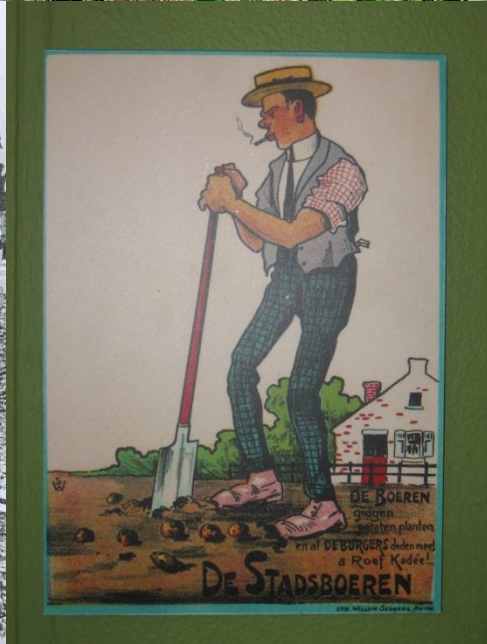
19-20^{ste} century start of Green revolution



Growth of residents

Jaar	Utrecht	London
1300	5.500	100.000
1600	30.000	200.000
1700	30.000	700.000
1800	33.000	960.000
1900	102.000	6.500.000

City&food = urban&agriculture



Urban Agriculture is...

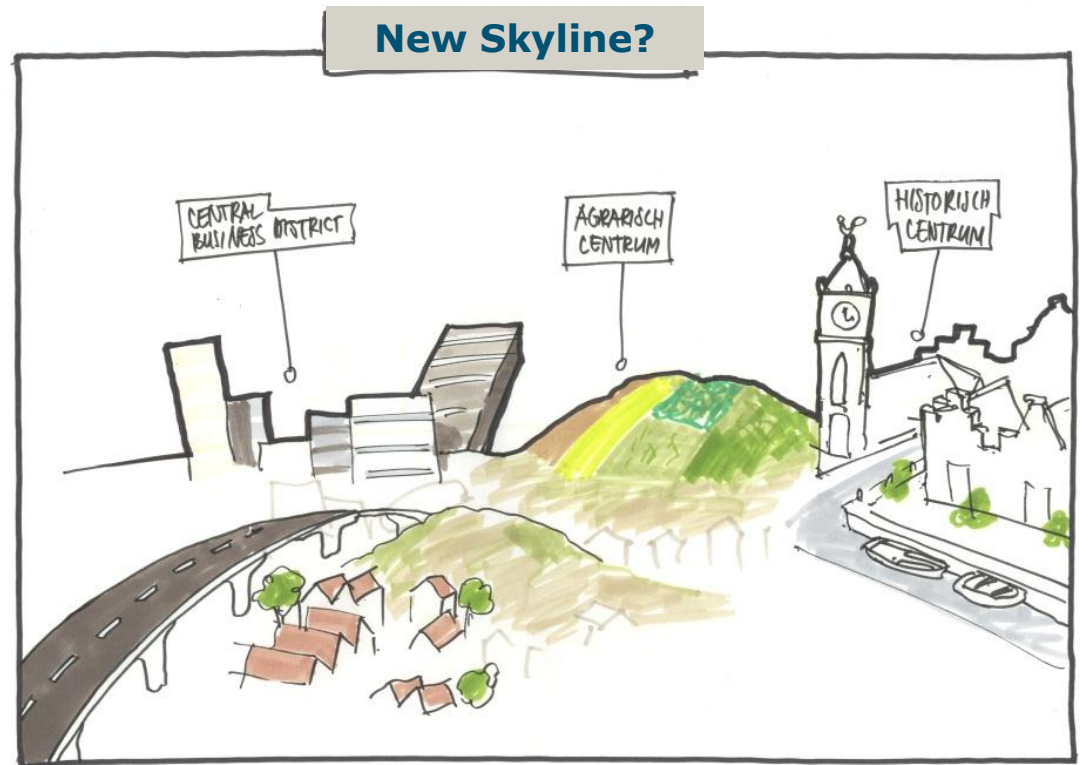
Food production & processing in the city,
cities' fringe & outside the city

Integral part of cities' economy, ecology
and social system

Urban Agriculture = Multi Functional

What functions?

1. Food
2. Leisure
3. Employment
4. (Health) Care
5. Housing
6. Energy
7. Education
8. Food Chains
9. New Business
10. Social Cohesion
11. Biodiversity



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: 70 allotments
3. Social Cohesion
4. New Business



Creatief Beheer, Rotterdam



Multifunctional:

1. Education
2. Social cohesion
3. Biodiversity



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Ridammerhoeve, Amsterdam



Multifunctional:

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



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De kwekerij, Amsterdam



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

Uit je eigen stad, Rotterdam



Multifunctional:

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



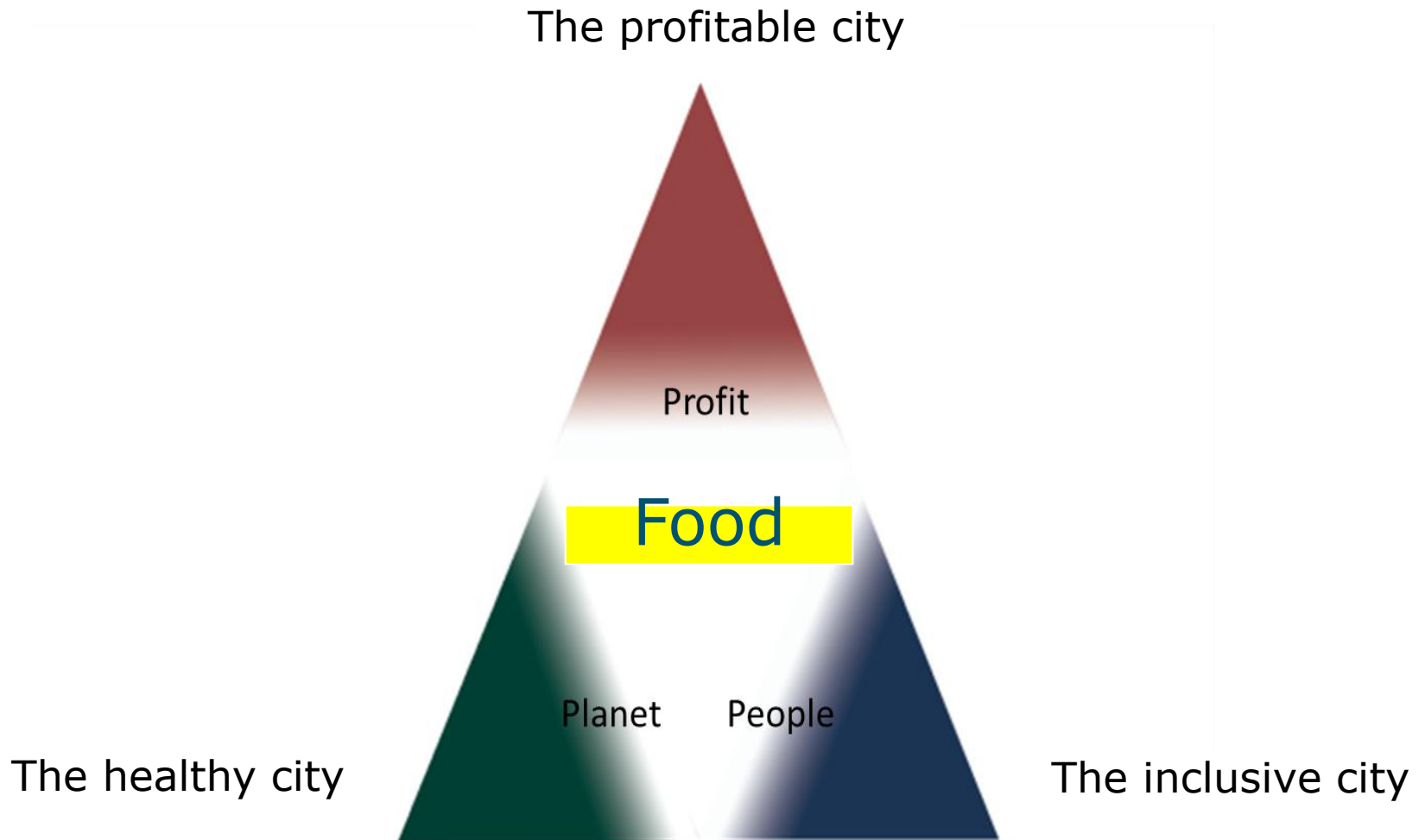
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City of the future

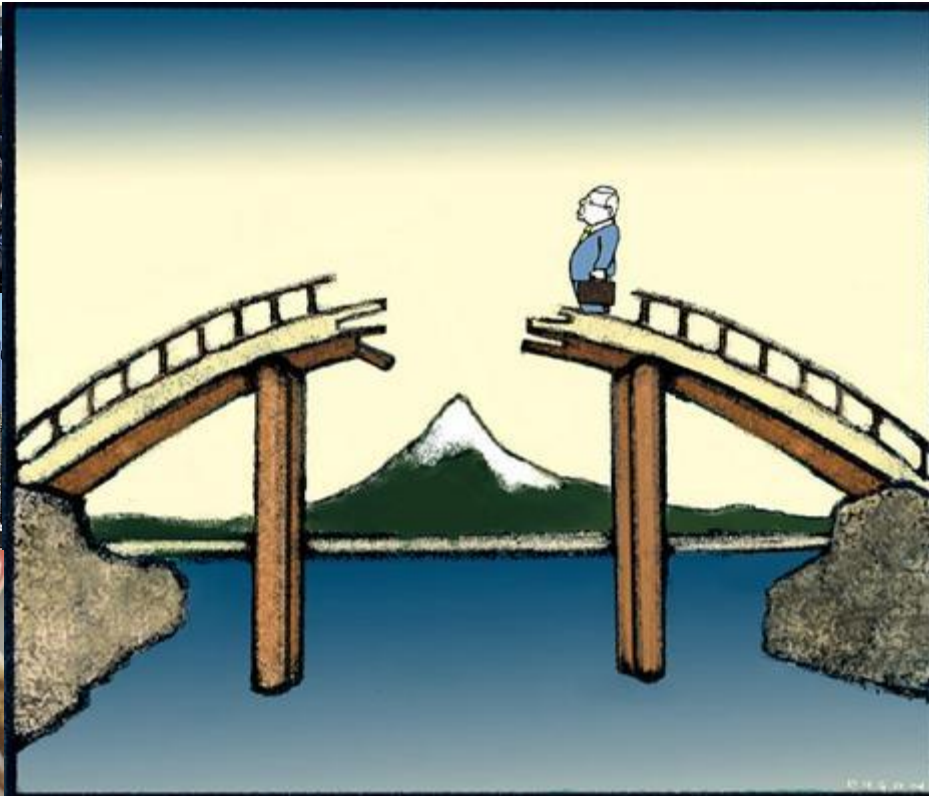


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von Thünen ...again



The challenge



Bridging of the two sides in Almere Oosterwold



Pictures by MVRDV and Werkmij Almere Oosterwold



Almere Oosterwold (2030):

- 20.000 dwellers
- 2.000 ha urban agriculture
- Energy neutral
- Re-use of waste

Development strategy: planned anarchy....



2013



20..



20..



2030





www.agromere.wur.nl
www.urbanfoodprint.eu

Thanks!

