



Ambrogio Lorenzetti – *Allegory of the Effects of Good Government*, Siena 1338

How do you feed a city?

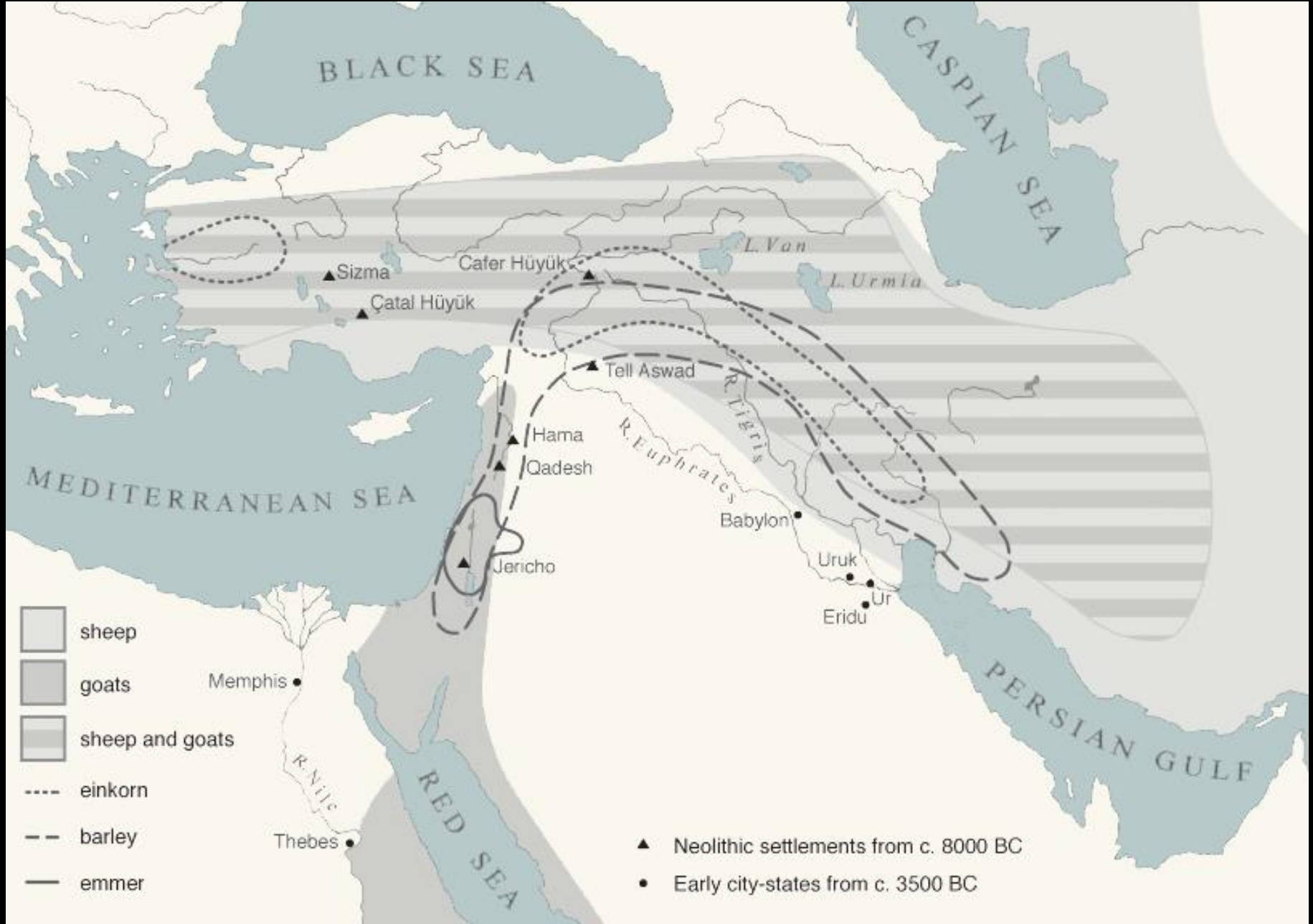


London



Mato Grosso, Brazil

Urban paradox



## Fertile Crescent



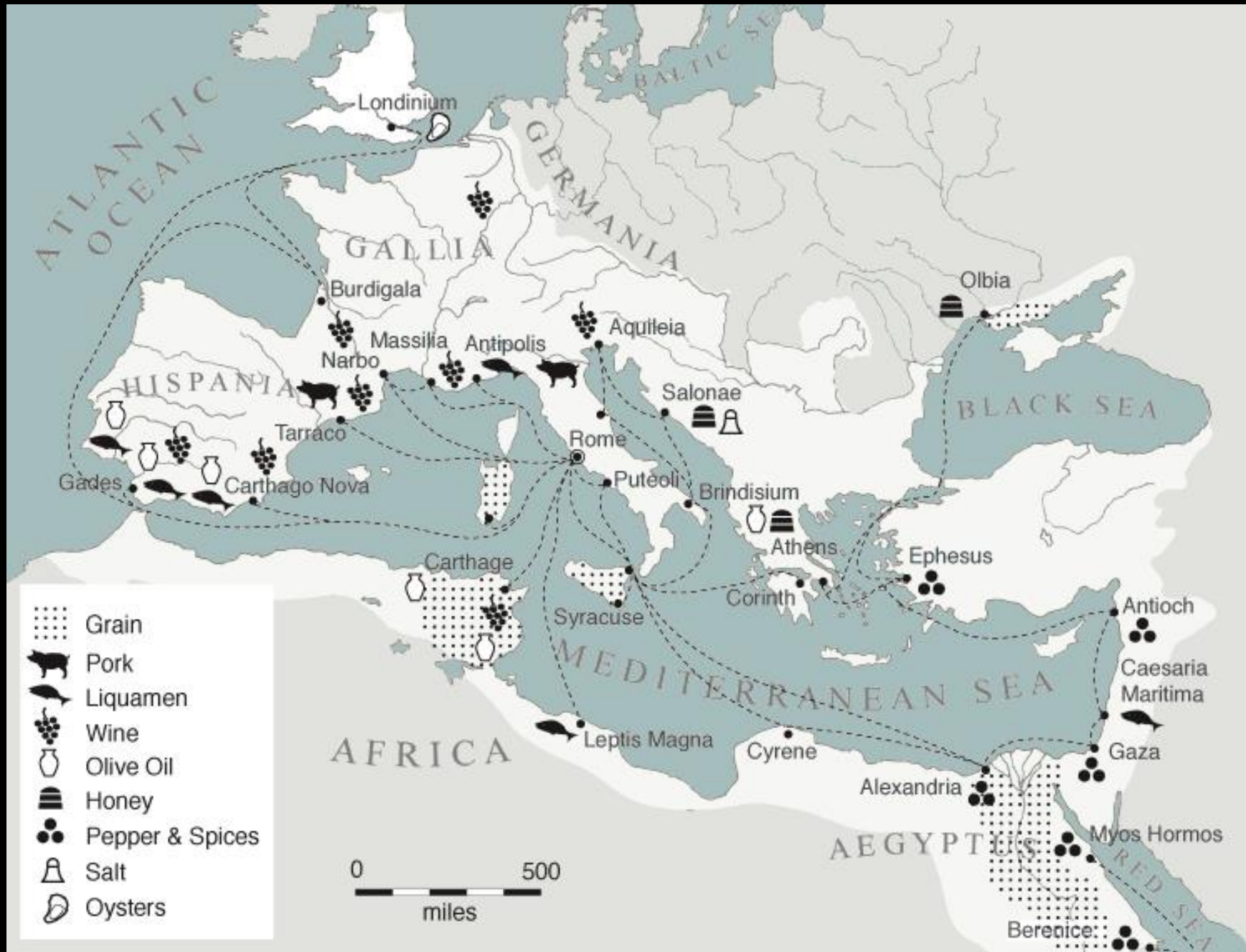
Ur, c. 2000 BCE

City 1.0



Rome, 300 AD

City 2.0

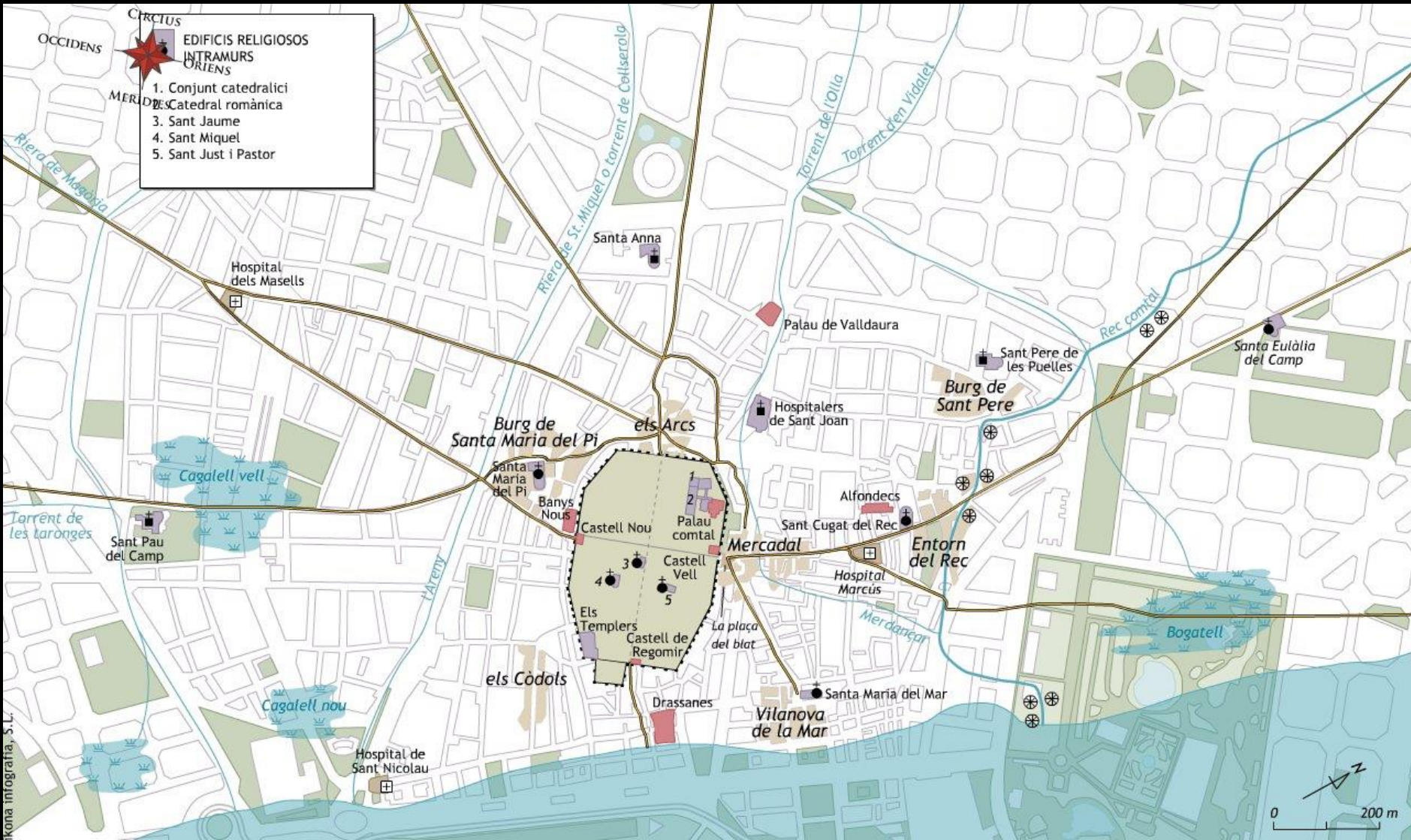


Ancient food miles

**CIRCIUS**  
**OCCIDENS**  
**MERIDIES**  
**ORIENTS**

**EDIFICIS RELIGIOSOS INTRAMURS**

1. Conjunt catedralici
2. Catedral romànica
3. Sant Jaume
4. Sant Miquel
5. Sant Just i Pastor



# Food City

LE PLAN DE BARCELONNE  
ET DE SES ENVIRONS.

*Fait exactement Levé sur les Lieux, par un Ingenieur  
en 1766. Mis au jour  
à Amsterdam par Nicolas Vischer, avec Privilège.*

PLATTE GROND DER STERCKE STAD. en CASTEL.  
BARCELONA.

*En ve emboggende Plaatse, naa t' Originel  
geteckent, en niet geseyen, tet Amsterdam  
door Nicolaus Vischer, met Privilège.*

*Echelle de quatre cent Toises.*

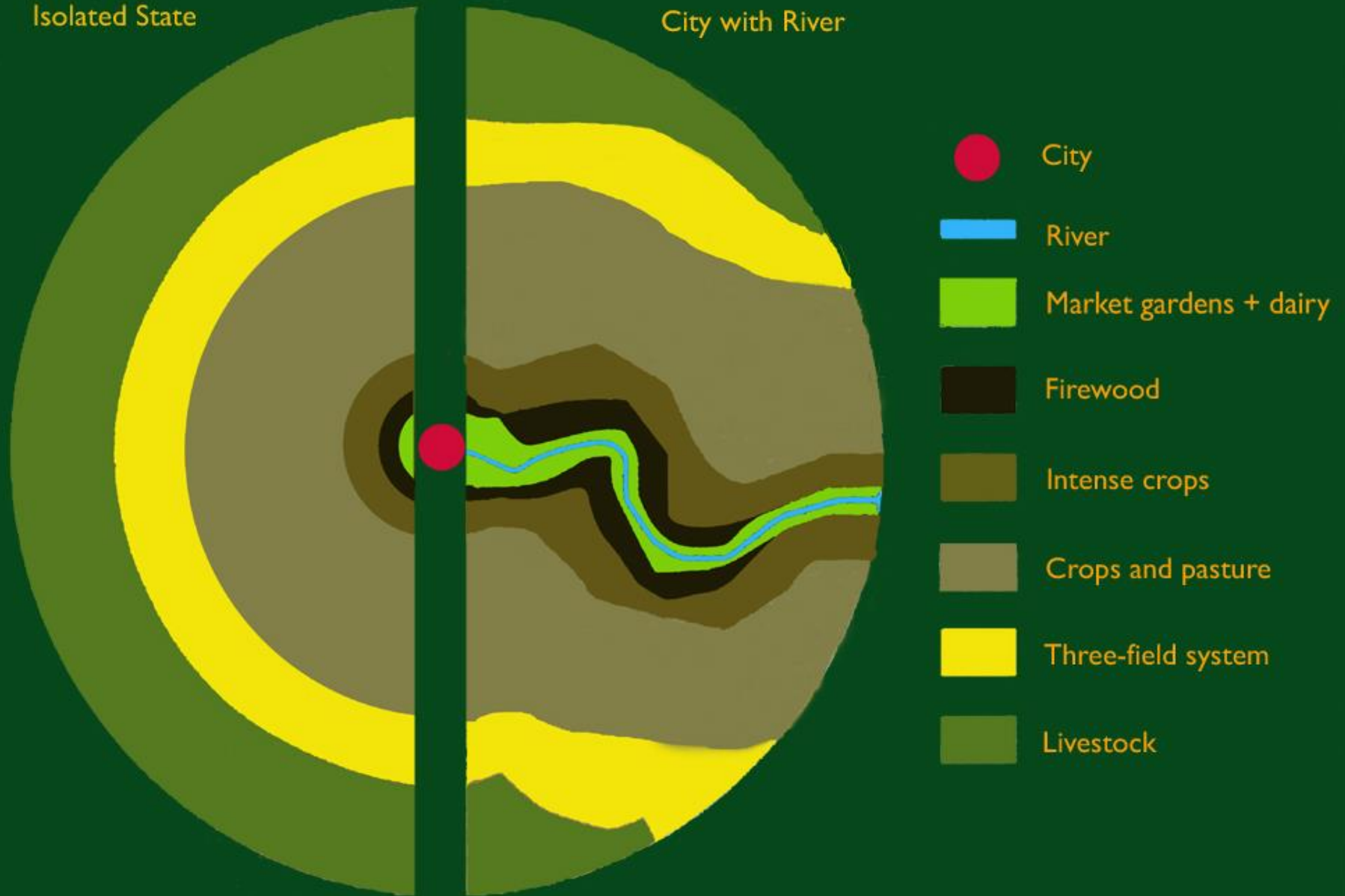


Barcelona – geography



Isolated State

City with River



Johann Von Thünen – *Isolated State*, 1826



Paris – River Seine, 1670



London – River Thames, 1804

## A Tale of Two Cities

LONDINVM FERACISSIMI ANGLIAE REGNI METROPOLIS



Hæc est regio illa totius Angliæ civitas Londinensis, ad fluvium Thamesis sita. Cæsari, et plures exi sunt. Trinobantium nuncupata, multarum gentium commercio nobilitata, ædificiis domibus ornata et plis, exha acibus, claris ingenijs, viris omnium artium doctissimis, vene re præstantibus, perelebris. Deniq; annuum rerum copia, atque opum excellentia mirabilis. Incomparabilis in tam tenui orbis parte. Thamesis, aurumq; nautibus per frequentia nulla passuum, ad orbem præclaro aliis nauticis curant.



STILLIARUM Hæc, Gothica diæsi, conventum, vel congregationem sonans, multarum civitatum est confederata Societas, tum de præfata Regibus ac Ducibus beneficiis, tum de securam terra marique, mercatura translatione, tum denique ad tranquillam Republicæ pacem, et ad modicam adolescentium institutionem conservandam, instituta: plurimos Regum, ac Principum, hæcine Angliæ, Galliæ, Daniciæ, ac Mænicæ, Mædiciæ, nec non Flændriæ ac Brabantici Ducum prælegit, ac immunitatibus, libertatibus suis, hæc ex quatuor Imperijs, Cantores quidam vocant, in quibus civitatum negotiatores resident, siveque mercatores, edere. Hæc, alterum hæc, Sæculi, in Angliæ, æconomia micæ, habens domum Gildhallæ, Traromii, quæ vultu Stillard, nuncupat.

London 1572



LONDINVM FERACISSIMI ANGLIAE REGNI METROPOLIS

Cornhill

Bread Street

Queenhithe

Billingsgate

Hæc est regio illa totius Angliæ ciuitas LONDINVM, ad fluvium Thamejin sita. Tiesari, ut plures exis similit, Trinobantium nuncupata, multarum gentium commercio nobilitata, oculis domib; ornata templis, ecclesiis archibus, clara negotijs, viris omnium artium doctrinarumq; genere præstantibus, perecebris. Deniq; omnium rerum copia, atque opum excellentia mirabilis. Inuehit in eam totius orbis opes ipse Thamejis, oceanarum nauibus per sequestrata nullis passuum, ad orbem præcæto alios nauisabilis cursum.

STILLIARVM Hæc, Gallicis dictis, conuentum, vel congregationem sonans, multarum ciuitatum est confederata Societas, tum ob præfata Regibus ac Ducib; beneficiis tum ob securam terrarum, marisq; mercature tractationem, tum denique, ad tranquillam Regumq; pacem, & ad molestiam adolescentium institutionem conferendam, instituta: plurimor; Regum, ac Principum, indimè Angliæ, Galliæ, Daniæ, ac Mænie, Mædiciæ, nec non Flandriæ, ac Brabantiæ Du cum prælegit; ac immunitatib; adornata fuit. Hæbet ea quatuor Emporia, quæ vocantur, in quibus ciuitatum negotiatores resident, suisque mercatus obferunt. Hæc, alterum hinc Londini, domesticæ economiæ niter, habens solum quilibet; reuoniam, quæ vulgo Stilliar, nuncupat.

16<sup>th</sup> Century London – Grain



LONDINVM FERACISSIMI ANGLIAE REGNI METROPOLIS

Friday Street

Fish Street

Queenhithe

Billingsgate

Hæc est regio illa totius Angliæ civitas LONDINVS, ad fluvium Thameſin ſita. Cæſari, ut plures cæſi ſunt, Trinobantium nuncupata, multarum gentium conſortio nobilitata, ædificiis ornata te-  
 plis, ædificiis arcibus, claris ingenijs, viris omnium artium doctissimorum, vene-  
 re præstantibus, precelestibus. Deniq; omnium rerum copia, atque opum excellentia  
 mirabilis. Inhibet in eam totius orbis spes. Thamaſi, auraria navibus per  
 societas nulla passuum, ad orbem præcæto alius navigatio est.



STILLIARVS) Hæc, Gothica diſſio, conuenticum, vel congregationem ſonans, anti-  
 tarum civitatum est confederata Societas, cum ob præſentia Regibus ac Ducibus benefi-  
 cia: tum ob ſecuram terræ marique mercaturæ tranſactionem, tum denique, ad tri-  
 quillam Rerumpub. pacem, & ad moſes tam adoleſcentium inſtitutionem conſeruan-  
 dam, inſtituta: plurimor. a Regum, ac Principum, madem Angliæ, Galliæ, Daniæ, ac  
 Magnæ Mæſoniæ, nec non Flandriæ, ac Brabantiæ Duces priuilegijs, ac immuni-  
 tatibus cõornata ſunt. Hæbet et quatuor Emporia, Cantores quidam vocant, in quibus  
 civitatum negotiatores reſident, ſuoque mercatus cõferunt. Hæc, alteram hinc Londi-  
 ni, ſignifica economiam nec, habens ſonum ſillibellæ Teutonici, quæ vulgo Stilliarum, nuncupat.

16<sup>th</sup> Century London – Fish



LONDINVM FERACISSIMI ANGLIAE REGNI METROPOLIS

Smithfield

Poultry

THE TOWRE

Hæc est regio illa totius Angliæ civitas LONDINVS. ad fluvium Thamisij sita. Cæsari, ut plures exiit fundit. Trinobantium nuncupata. multarum gentium coneruo nobilitata. Scuta domib. ornata. et plus, ecclesia aribus, claris ingens. viris omnium artium doctrinarumque, genere prestantibus, percellens. Denique, omnium rerum copia, acque opum excellentia mirabilis. Incommodis in eam totius orbis opes ipse Thamisio, onerariis navibus per frequentia millia passuum, ad orbem prælio alio navigantibus, etiam

STILLIARVM Hæc, Gothica dicitur, conventum, vel congregationem finans, multarum civitatum et confederata Societas, tum de præfata Regibus ac Ducibus, beneficiis, tum ab securam terra, maribus, mercaturæ tractationem, tum denique, ad tranquillam Rerumpublic. pacem, et ad mores sibi adolecentium institutionem conservandam, instituta plurimorum Regum, ac Principum, medicum Angliæ, Galliar, Daniar, ac Almagne, ætatis, nec non Flandriar, ac Brabantiar, ac Du. cupi privilegij, ac immunitatis, ætatis fuit. Habet et quatuor Emptos, quos quidam vocant, in quibus civitatum negotiatores resident, siveque mercatus exercent. Hæc, alteram hinc Londini, Londinica societas nunc, habens domum quædam, quæ vulgo Stillard, nuncupatur.

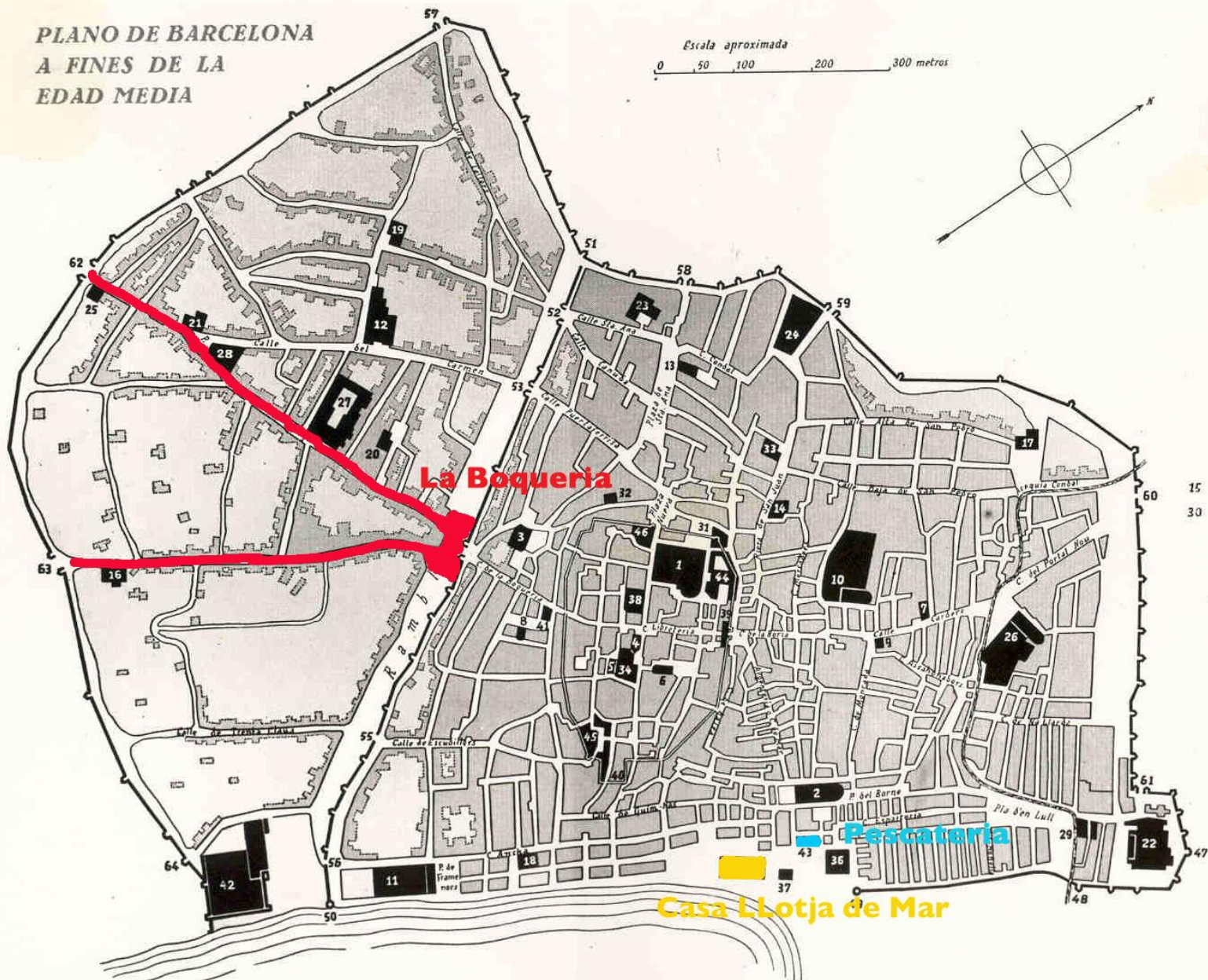
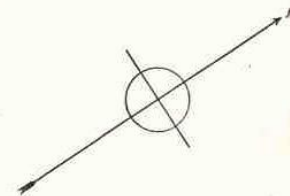
16<sup>th</sup> Century London – Meat



Smithfield Market, 1830

PLANO DE BARCELONA  
A FINES DE LA  
EDAD MEDIA

Escala aproximada  
0 50 100 200 300 metros



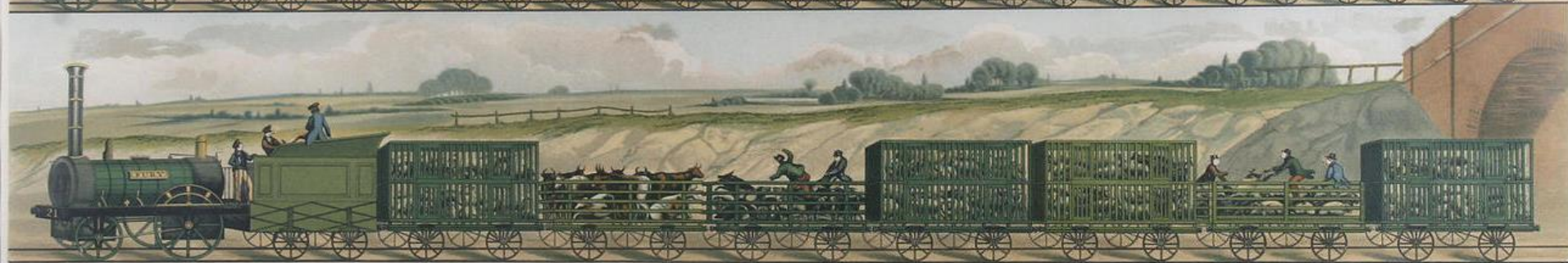
Barcelona – medieval foodways





Mercat del Born, 18<sup>th</sup> century

PLATE III. A Train of Waggons with Goods, &c. &c. — PLATE IV (below) A Train of Carriages with Cattle.



TRAVELLING ON THE LIVERPOOL AND MANCHESTER RAILWAY. 1831.

Printed by E. Bury & Co. 11, 16, 57, Liverpool.

Copyright by S.W. Foresight, Subject: Rail

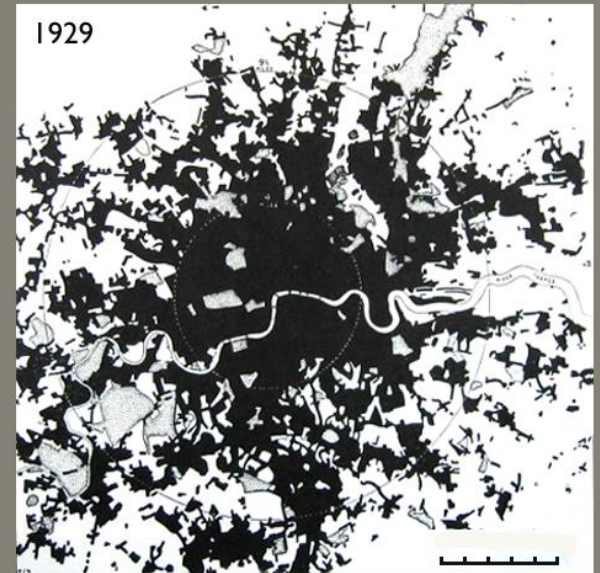
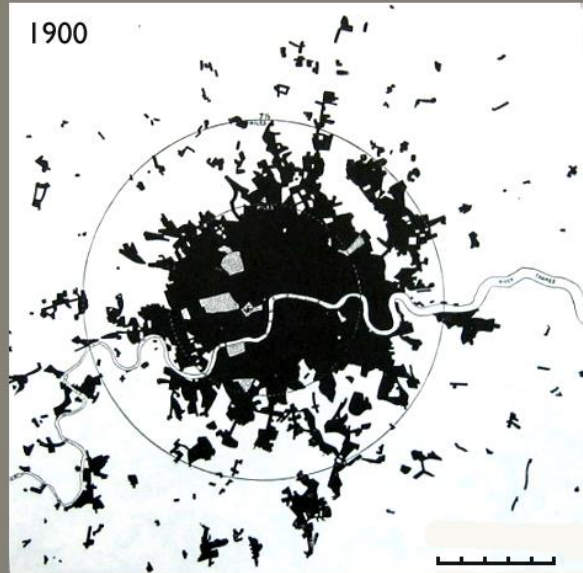
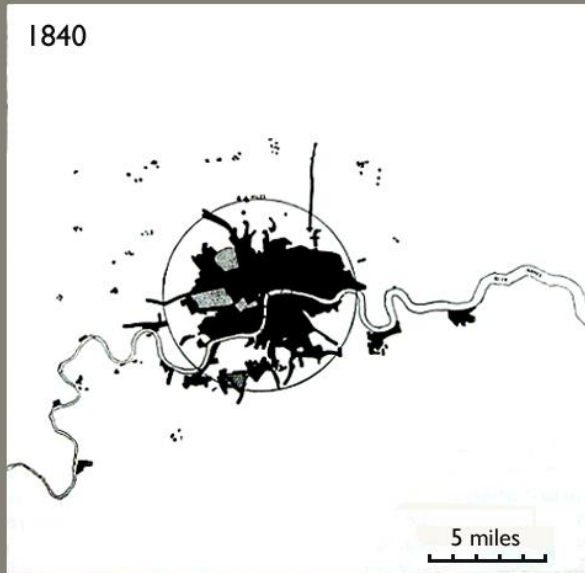
N.B. The Railway Company only provided the Railway and Engine Power for which the Public Carriers (Packhorse Carriers &c.) paid Toll. The Carriers provided trucks after the style of road waggons, and charged carriages to the Merchants, when men travelled in freights with the goods, as when starting upon public roads.

G. Leeman, Esq. MP Chairman of N.E.R. speaking as Chairman of the 1<sup>st</sup> Railway Jubilee, Stockton & Darlington, held at Darlington, 27<sup>th</sup> Sep' 1845, said "I know nothing comparable in the History of Science to that grand triumphal march for such, it was with which the Liverpool & Manchester Railway was opened."

Printed & Published 1845 by HARRIS, TUCK & SONS, London, Paris & New York, Publishers to the Majesty

Liverpool to Manchester Railway, 1831

Goodbye to Geography



Growth of London 1840-1929



Chicago Union Stockyards, 1880



'Levittown', New York 1949

Suburbia



American housewife, 1958

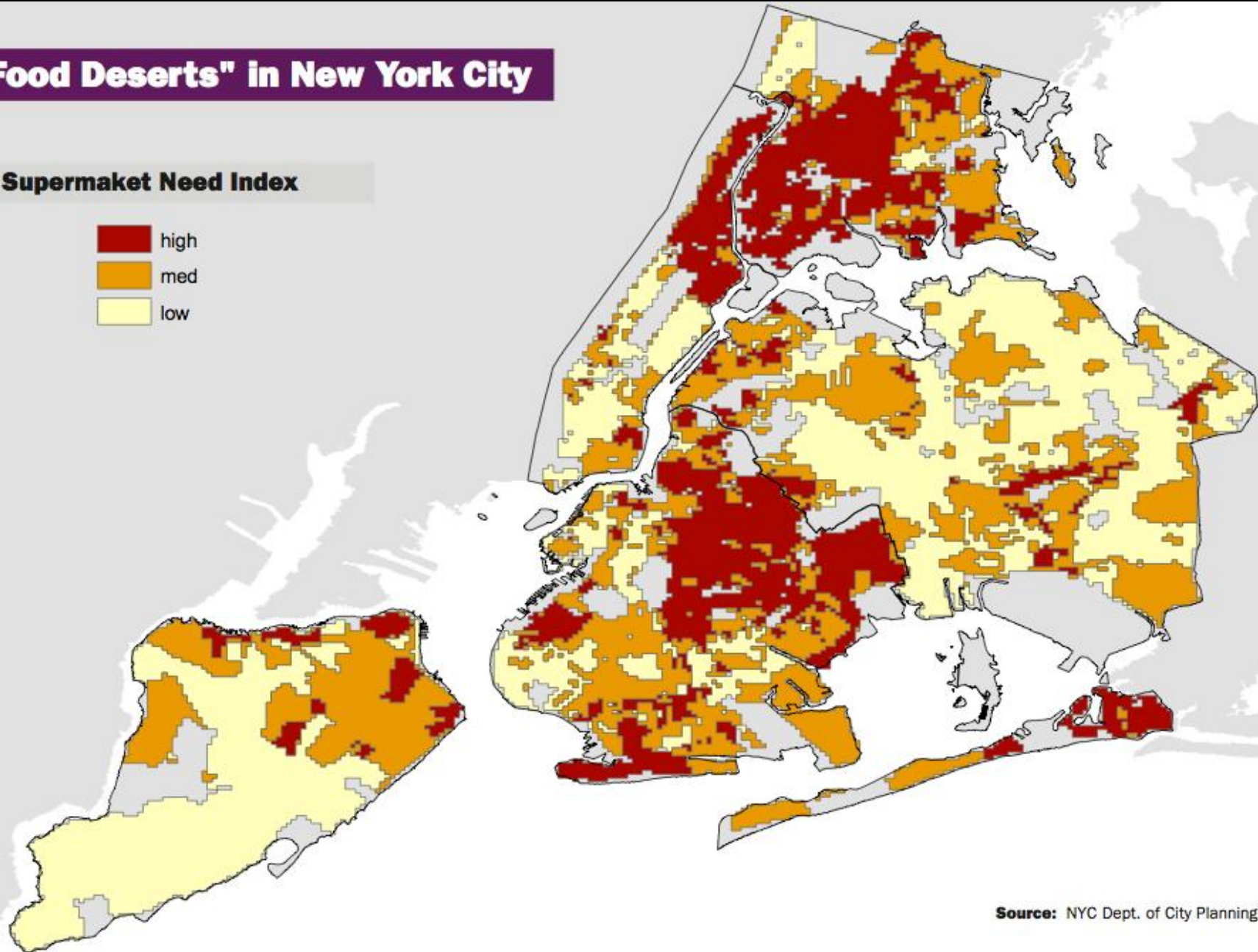
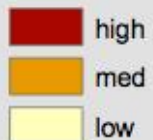
Food in boxes



People in boxes

# "Food Deserts" in New York City

## Supermarket Need Index



Source: NYC Dept. of City Planning

Food Deserts





20% lost



30% food-related



70% in farming



2 billion



50% of lakes



50% wasted



1/3 harvest



10 cal's for 1

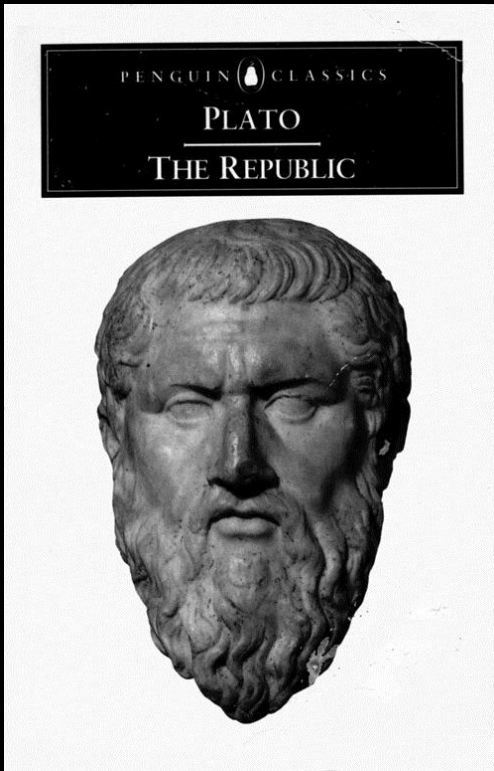


- a million per week

# External costs



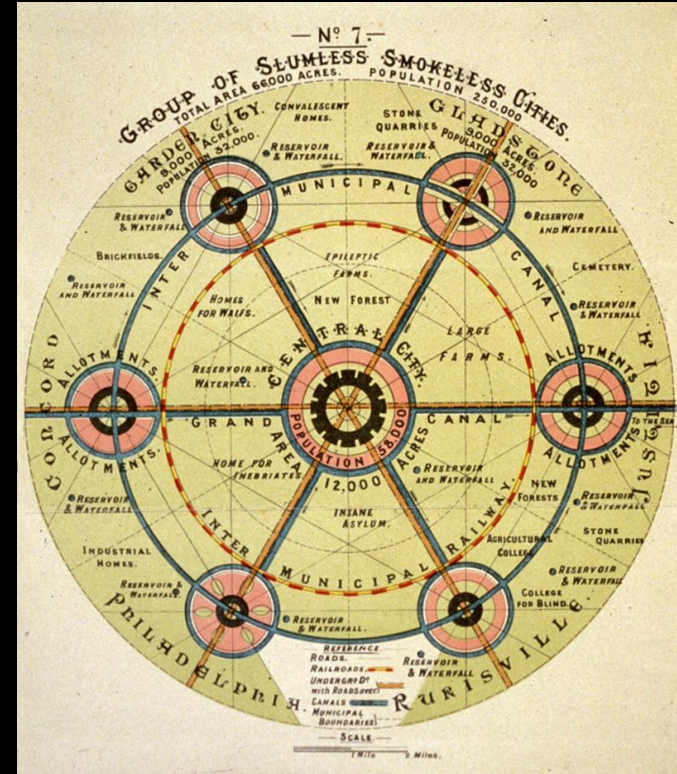
McGlobe



Plato  
*Republic*, 380 BCE



Thomas More,  
*Utopia*, 1516



Ebenezer Howard,  
*Garden Cities of To-Morrow*, 1903

Back to the city-state?

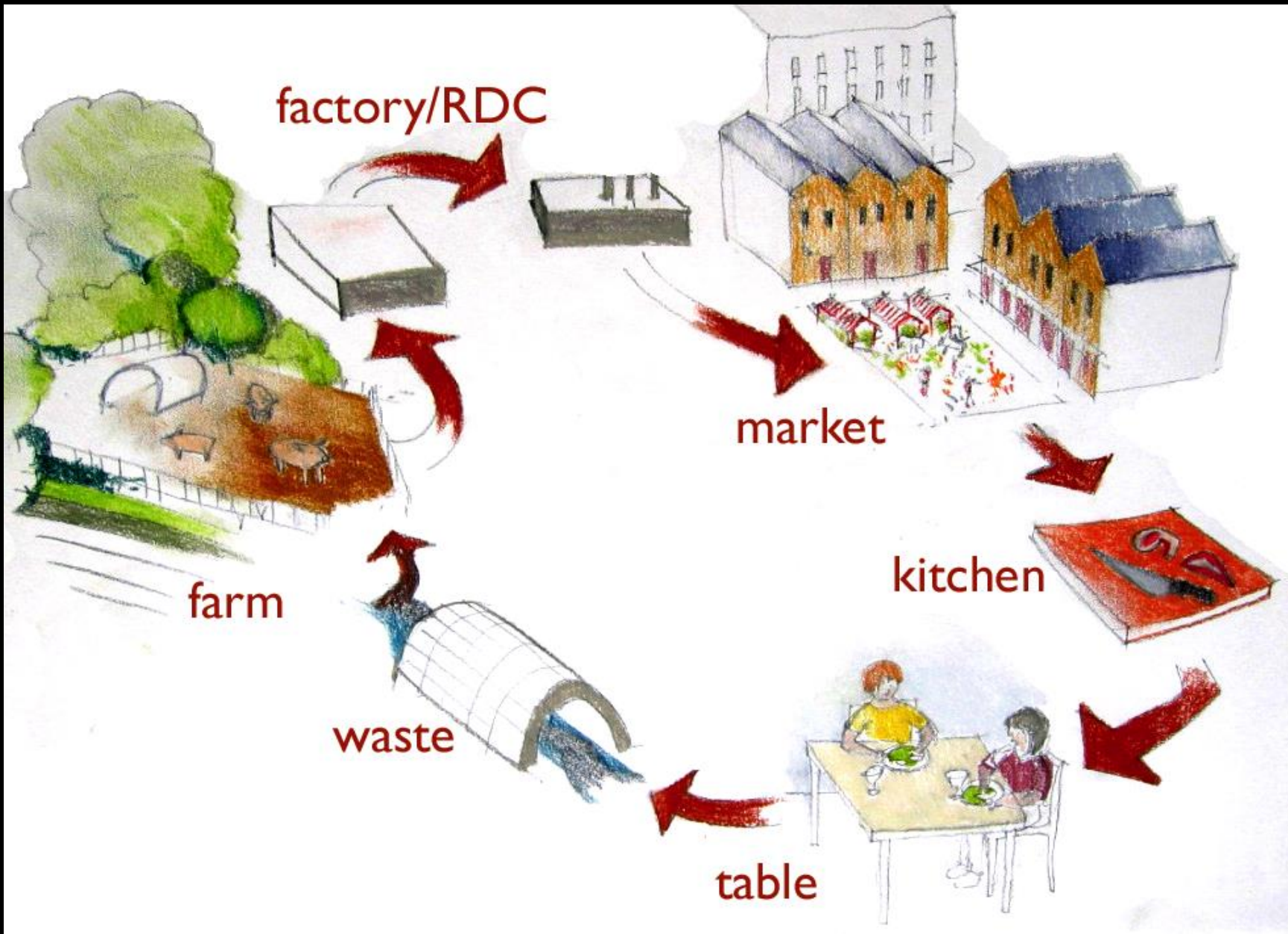
**Utopia = 'Good place' or 'No place'**

from Greek **eu**, good + **topos**

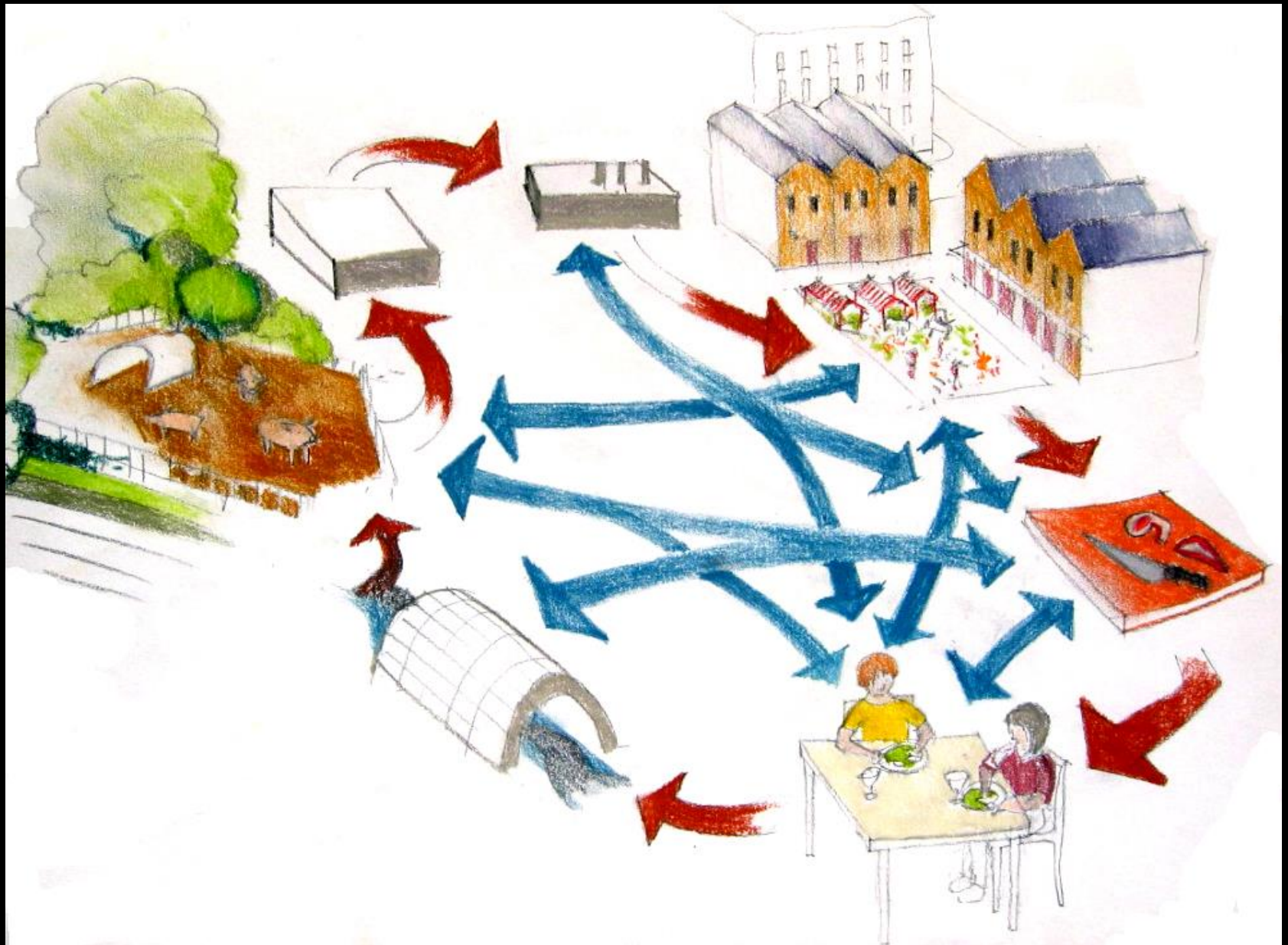
or **ou**, no + **topos**

**Sitopia = 'Food place'**

from Greek **sitos**, food + **topos**, place



Food flows



Food culture



USA



Britain



Egypt



Italy

Hungry Planet  
Peter Menzel and Faith D'Aluisio

How we eat....



Eat the view



CAFO

Producing





Social capital



'Efficiency'

Shopping



Knowing your onions



1/3 meals in UK

## Cooking



43% and falling



20% in USA

Eating

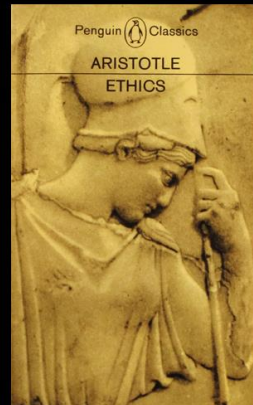


Closing the loop



1/3 wasted in UK

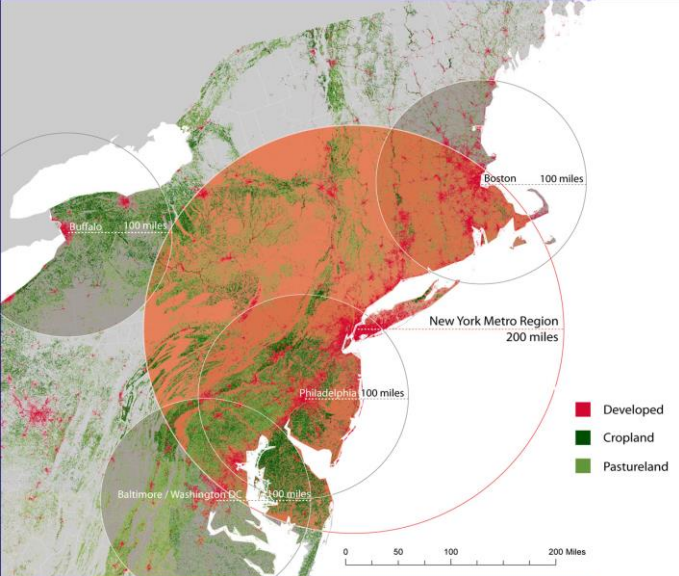
Wasting



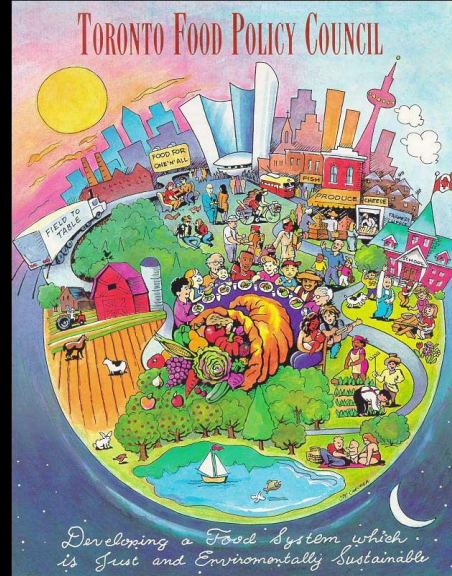
Slow

Fast

A Good Life?



Regional Foodsheds



City Government



Food Hubs



Local Infrastructure



Markets



Patchwork Farms

Food planning – ‘top down’



CSA: Angelic Organics, Chicago



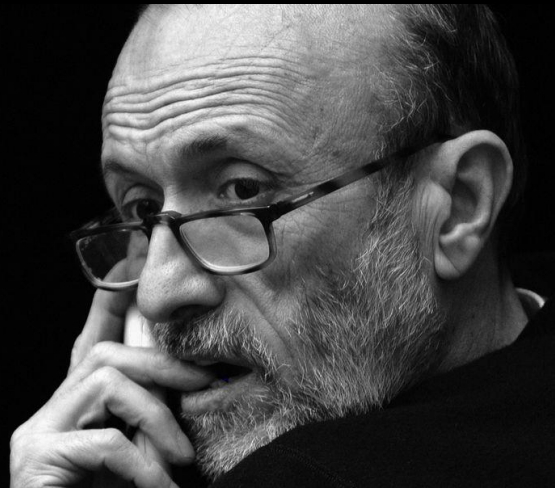
Brooklyn Grange, NYC



Park Slope Food Coop, Brooklyn



Bristol Food Network



Voedselteams, Belgium

Co-producing – 'bottom up'



London, 1940



Havana, 2000



Detroit, 2010

True Value





West Louisville Food Port – OMA



Almere Oosterwold – MVRDV

Building sitopia?



Seeing *through* food

CAROLYN STEEL



How Food Shapes Our Lives

[www.hungrycitybook.co.uk](http://www.hungrycitybook.co.uk)