

12:40 LIVE FROM EINDHOVEN UNIVERSITY OF TECHNOLOGY



DESIGNING CITIES FOR ALL X TU EINDHOVEN

Designing the Just City

Exploring socio-spatial justices towards a more just city with Roberto Rocco & Caroline Newton.

FULL PROGRAMME AT [DEZWIJGER.NL/AGENDA](https://dezwijger.nl/agenda)

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PAKHUIS
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TU/e
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UNIVERSITY OF
TECHNOLOGY

PRESENT

DESIGNING CITIES FOR ALL

MON 24 – FRI 28
OCTOBER 2022

A WEEK FULL OF TALKS AT TU/E CAMPUS

MORE INFO: [DEZWIJGER.NL](https://dezwijger.nl) | [STUDIUMGENERALE-EINDHOVEN.NL](https://studiumgenerale-eindhoven.nl)



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fund NL



DA
E Design Academy
Eindhoven

ArtEZ



RI
SE



DESIGNING

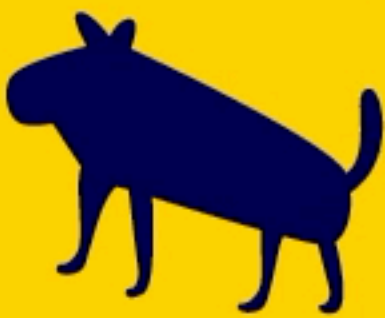
LUCAS ASSELBERGS

STUDIUM GENERALE TU/E

FOR ALL

ALL

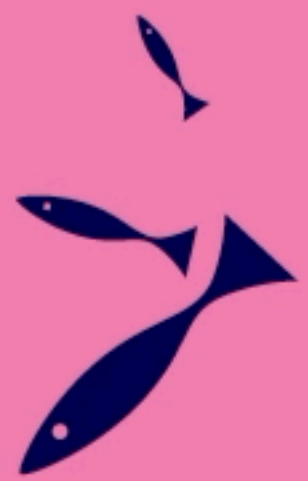
DESIGNING
CITIES
FOR
ALL



DESIGNING
CITIES
FOR
ALL



DESIGNING
CITIES
FOR
ALL



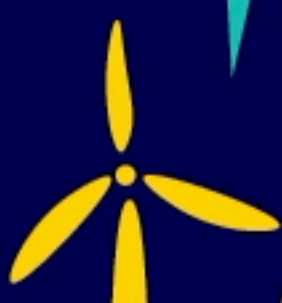
FOR
ALL!



FOR ALL!

DESIGNING
CITIES
FOR

AND MEOW!



DESIGNING

DESIGNING THE JUST CITY

FOR ALL

DESIGNING

CAROLINE NEWTON & ROBERTO ROCCO

DEPARTMENT OF URBANISM TU DELFT

FOR ALL

DESIGNING

DESIGNING THE JUST CITY

FOR ALL

Spatial Justice

dream

"We hold these truths to be self-evident, that all men are created equal, ..." (1)

The American Dream

AN ILLUSTRATION

What is this about?

- 1931, "Epic of America." (James Truslow Adams)



(Photo: Jeremy Brooks/flickr/cc)

(1) American constitution

postmodern political geographer & urban theorist

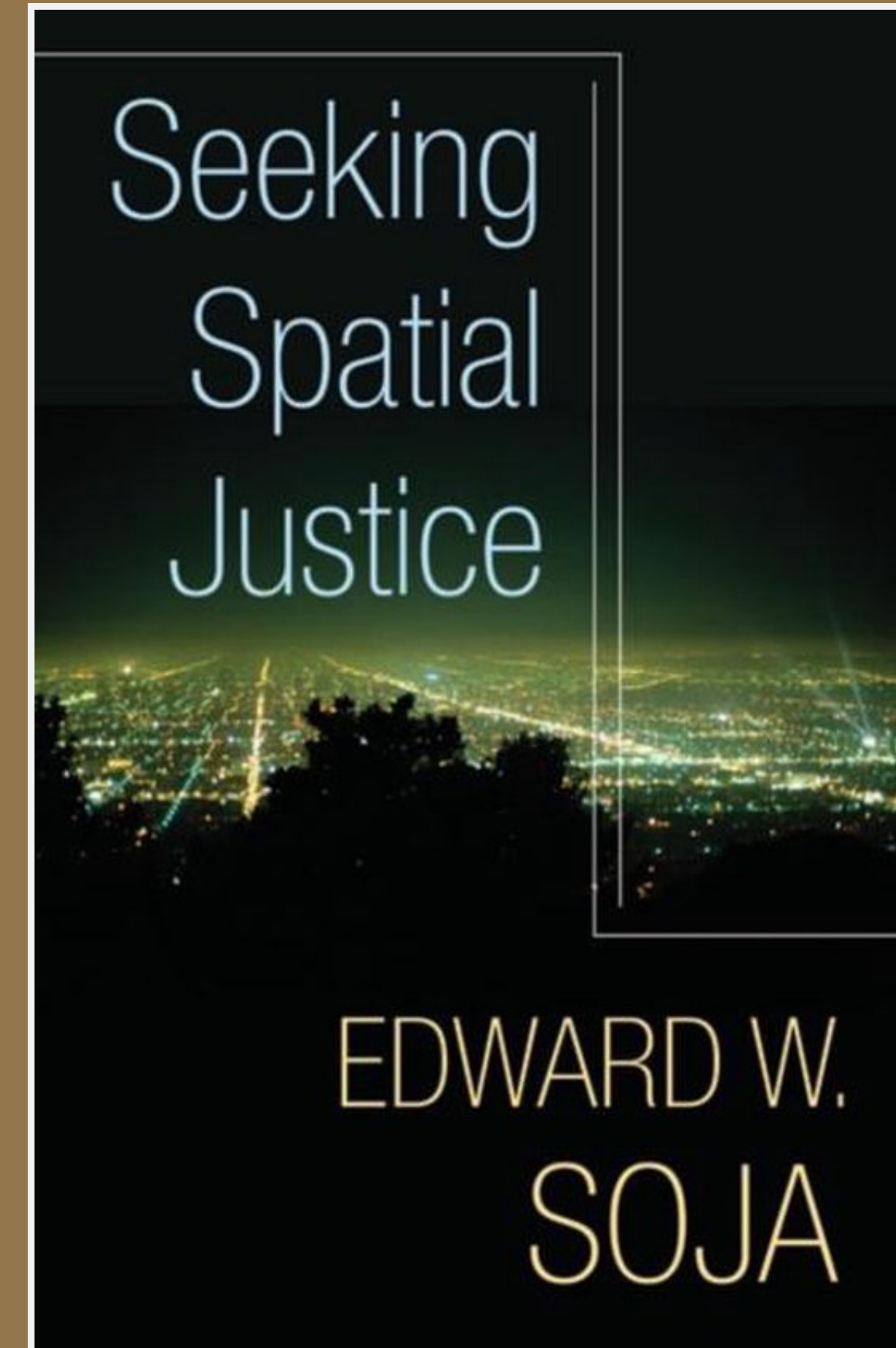
Soja

Edward Soja

2009 - **The City and Spatial Justice.** Justice Spatiale / Spatial Justice, 1, 1-5.

2010 - **Seeking Spatial Justice.** Minneapolis: University of Minnesota Press.

- critical analysis of space and its relation to the social world
- understanding the spatiality of (in)justice → not only from a theoretical interest, but also to feed activism (CHANGE)



From time to space... Space Spatial Turn

BACKGROUND

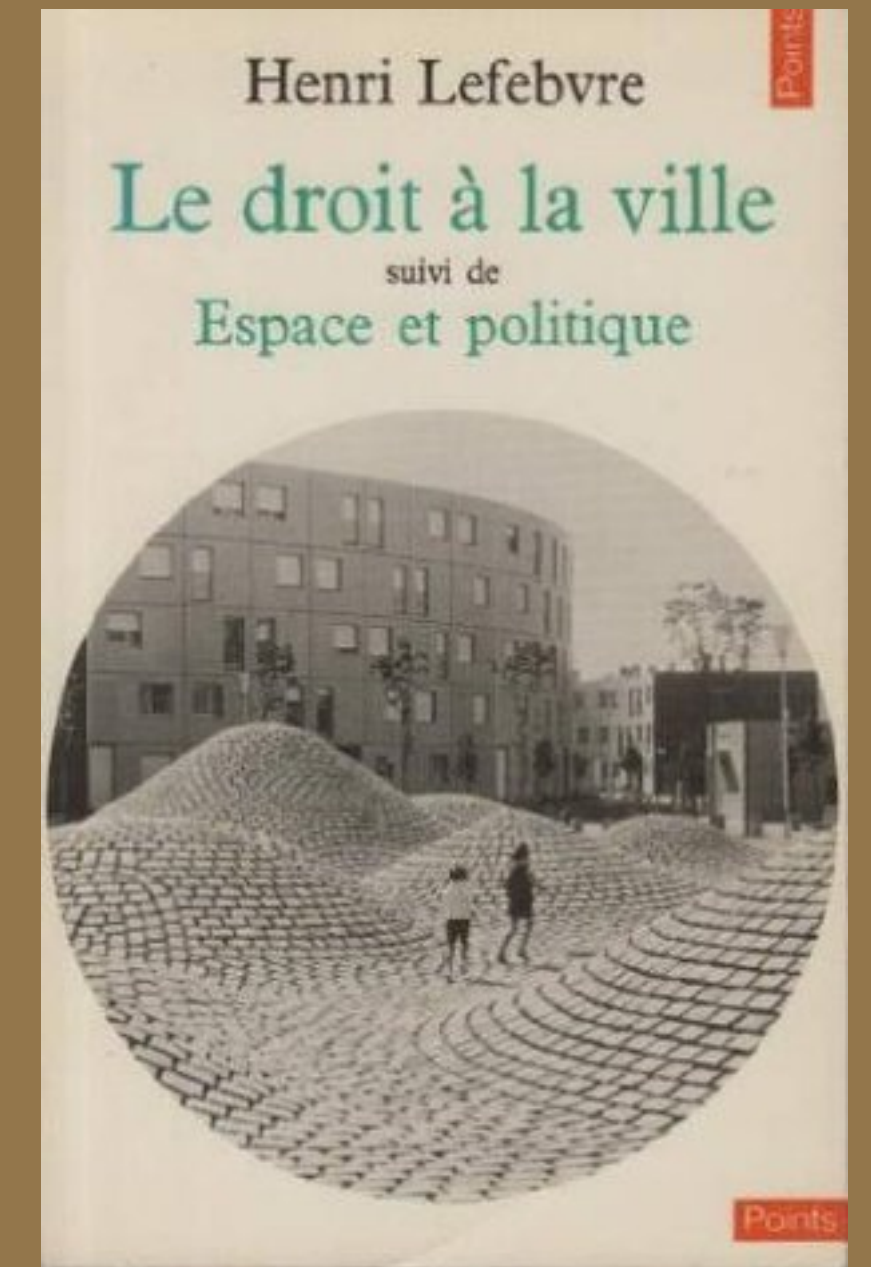
Renewed attention in the social sciences

- Being human or becoming human is not only defined in time (eg. being born, living and eventually dying), but also spatially
- Until the second half of the 19th century space was merely the canvas, the container in which humans were active (Foucault)
- Space is no longer just conceptualised as this container, but as a **social construction**
- Renewed attention for the work of Lefebvre (eg. the Right to the City (1968), ...)

Examples

- Peter Sloterdijk's Spheres trilogy
- Foucault, Michel (1984). "Des Espace Autres". Architecture, Mouvement, Continuité. 5: 46–49 (spoke about it much earlier)
- Pierre Bourdieu's Effets de lieu (1993) (Site Effects) → Distance and accessibility
-

1968



Soja, 2009, p.2

Critical Spatial Thinking

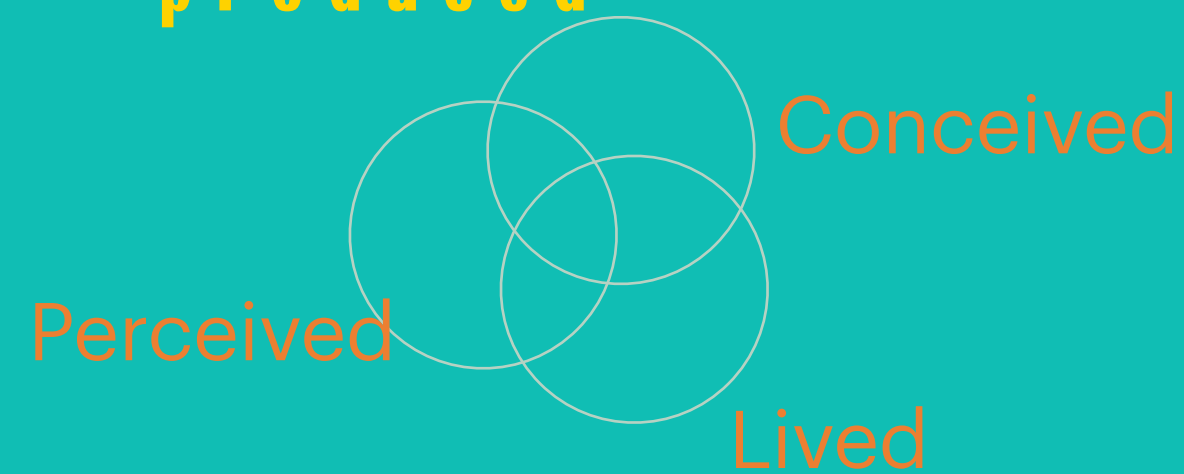
3 principles

**Ontological
Spatiality of
being**

humans are:

- spatial beings
- temporal beings
- spatial beings

**Space is
socially
produced**



Bourdieu, Massey, ...

Soja, 2009, p.2

Critical Spatial Thinking

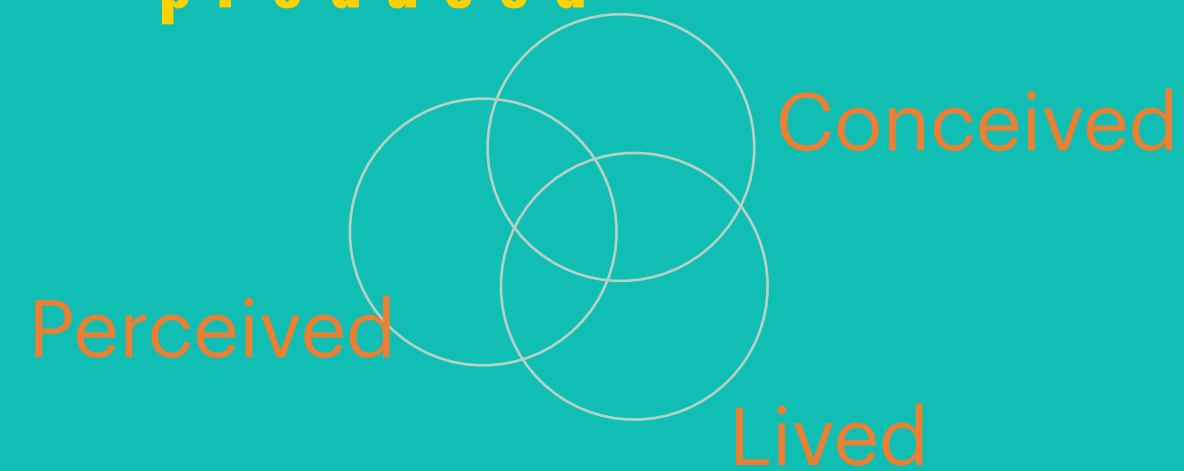
3 principles

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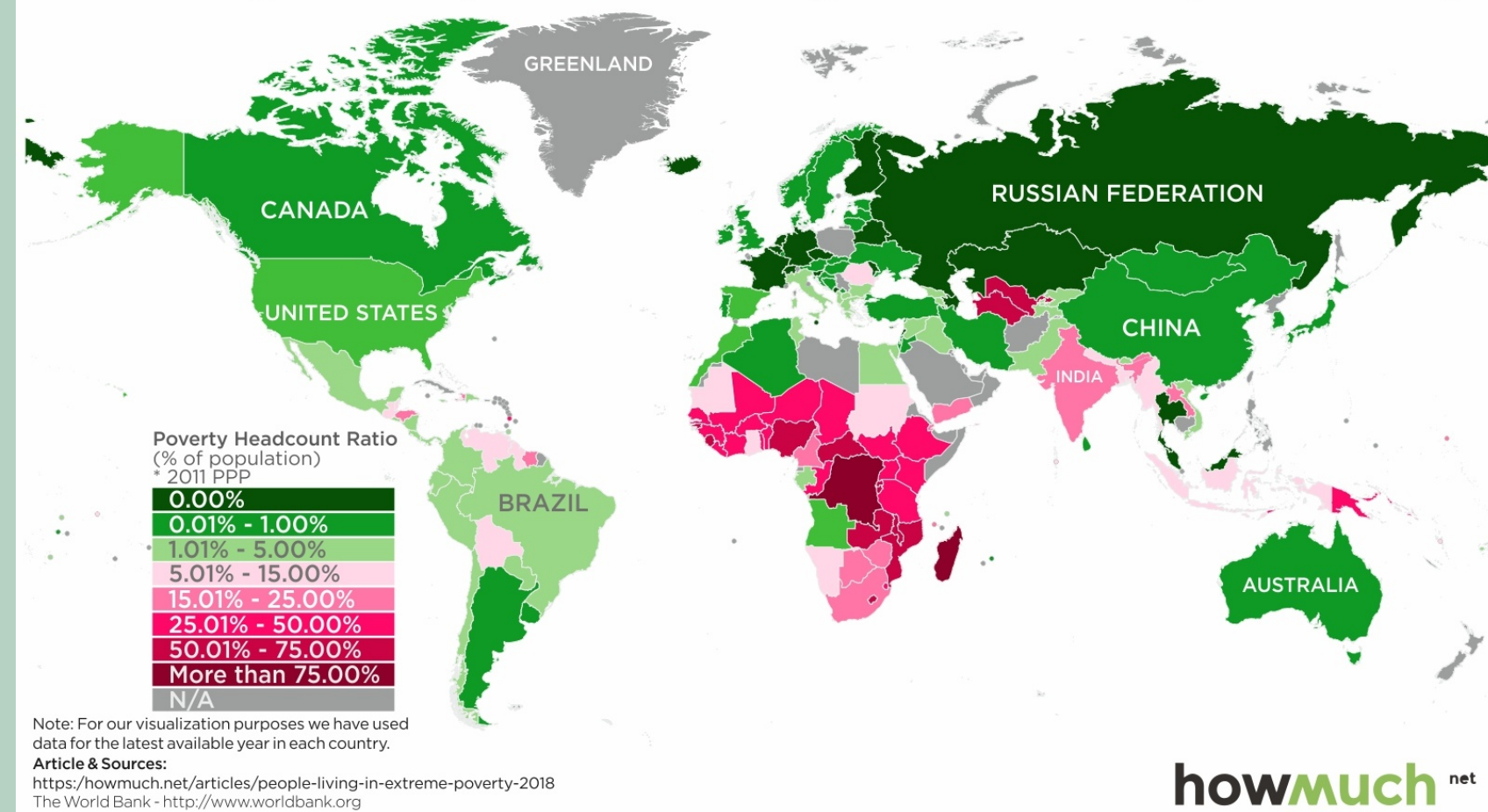
**Space is
socially
produced**



Space matters!

Bourdieu, Massey, ...

People Living in Extreme Poverty Percentage of Population Living on less than \$1.90 a day*



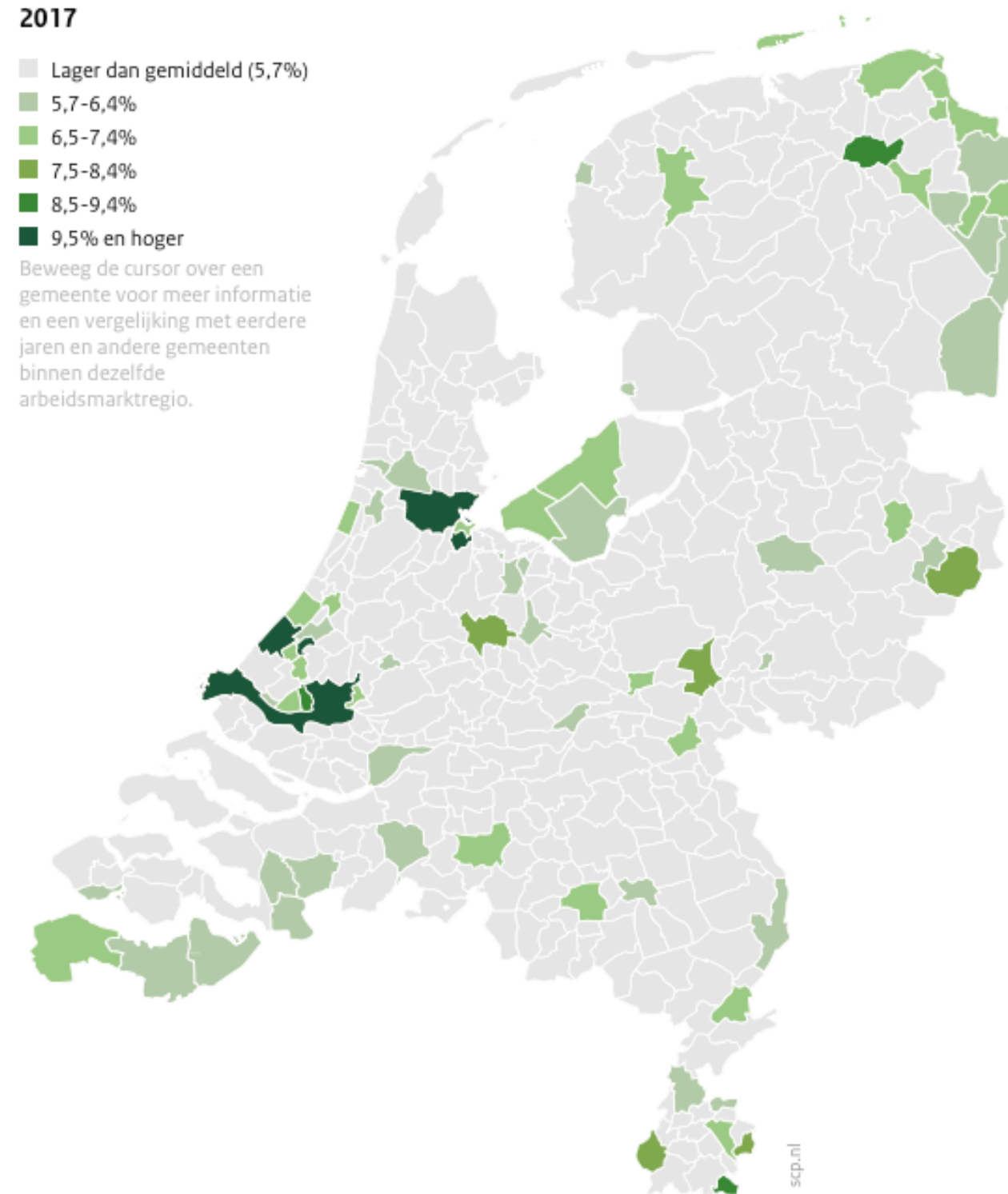
Totaal

Kies: Totaal

2017

- Lager dan gemiddeld (5,7%)
- 5,7-6,4%
- 6,5-7,4%
- 7,5-8,4%
- 8,5-9,4%
- 9,5% en hoger

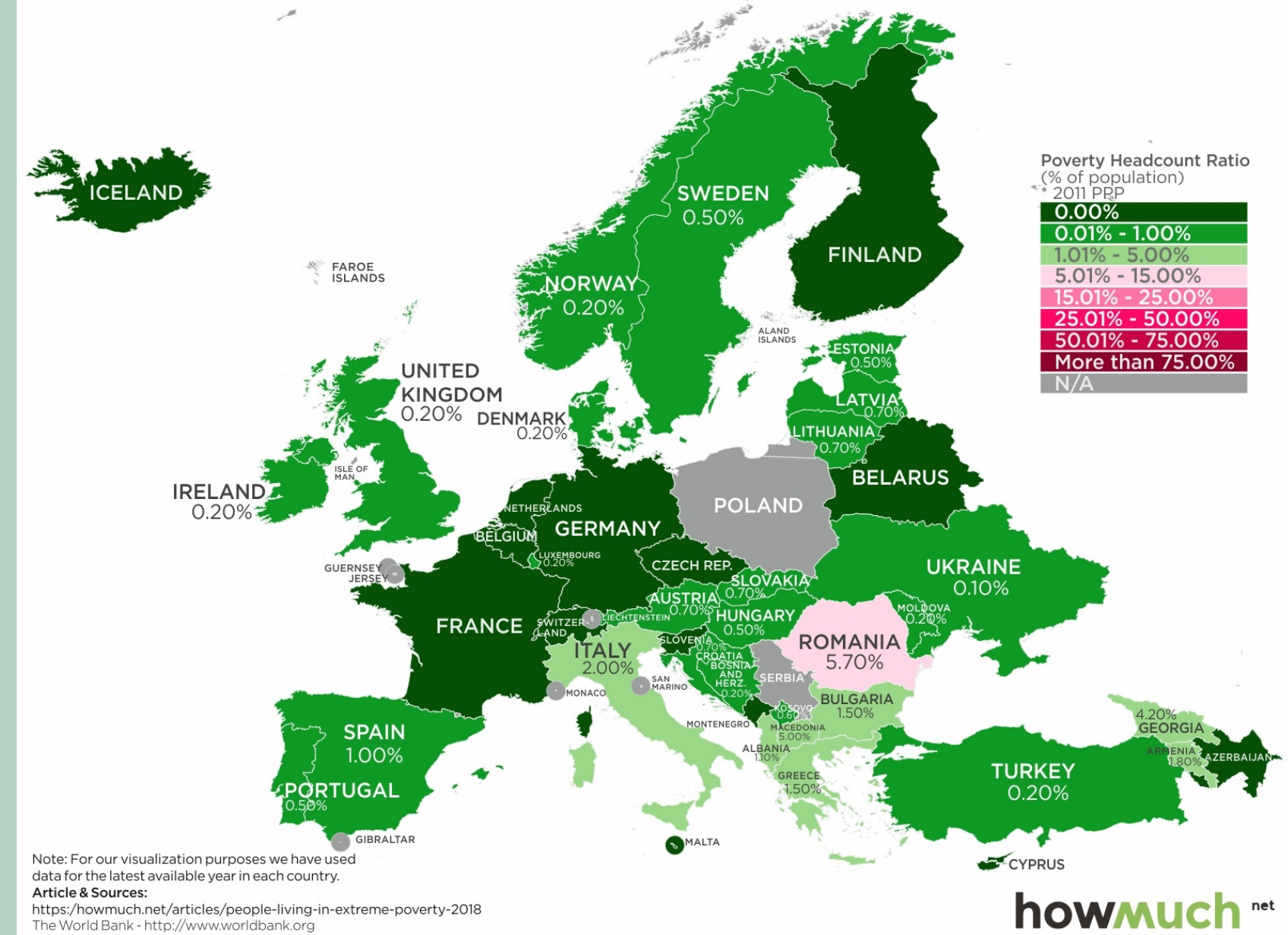
Beweeg de cursor over een gemeente voor meer informatie en een vergelijking met eerdere jaren en andere gemeenten binnen dezelfde arbeidsmarktregio.



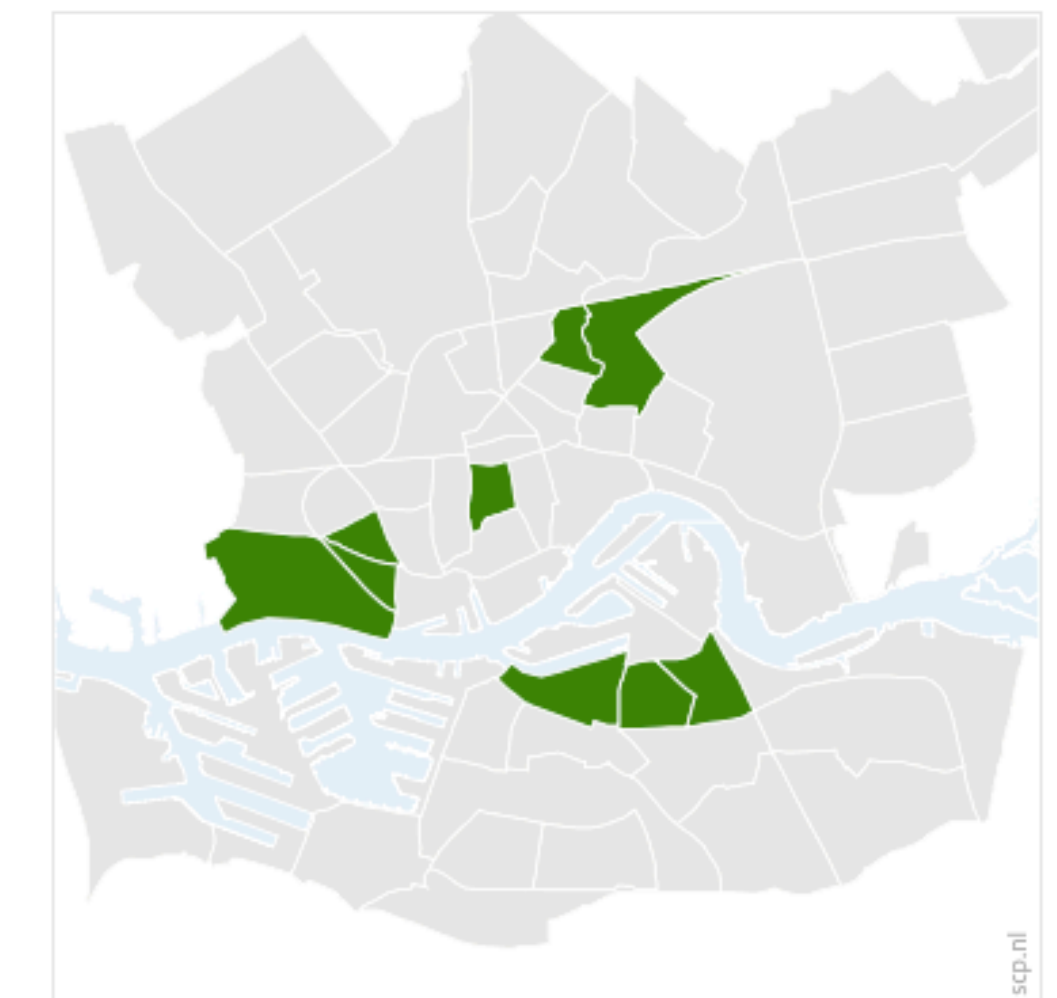
Top 10 armste gemeenten 2017

Rotterdam	10,9%
Amsterdam	10,5%
's-Gravenhage	10,3%
Vaals	9,4%
Schiedam	8,9%
Groningen	8,6%
Enschede	8,2%
Maastricht	8,2%
Arnhem	8,1%
Kerkrade	7,7%

People Living in Extreme Poverty in Europe Percentage of Population Living on less than \$1.90 a day*



Rotterdam



a Figuur 1 toont per gemeente het percentage en het aantal personen in huishoudens met een inkomen onder het niet-toereikend criterium.

Bron: CBS (Integrale Inkomens- en Vermogensstatistiek '11-'17), SCP-bewerking

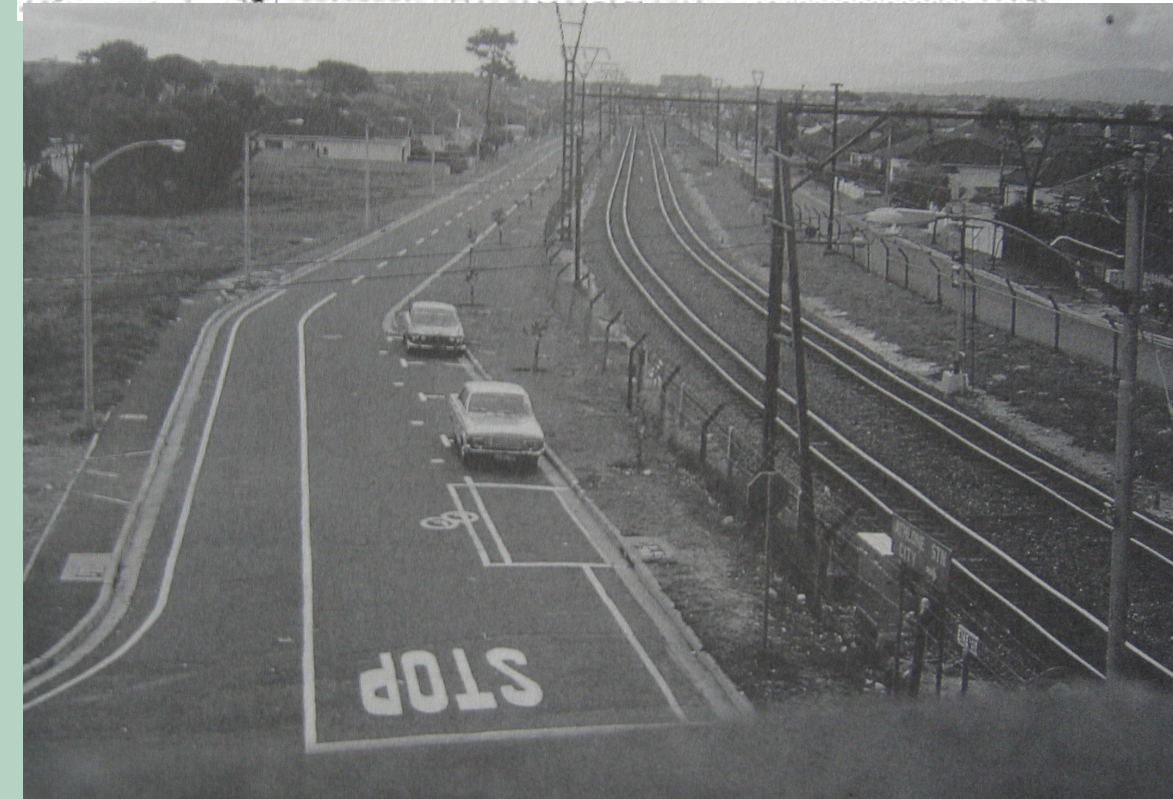
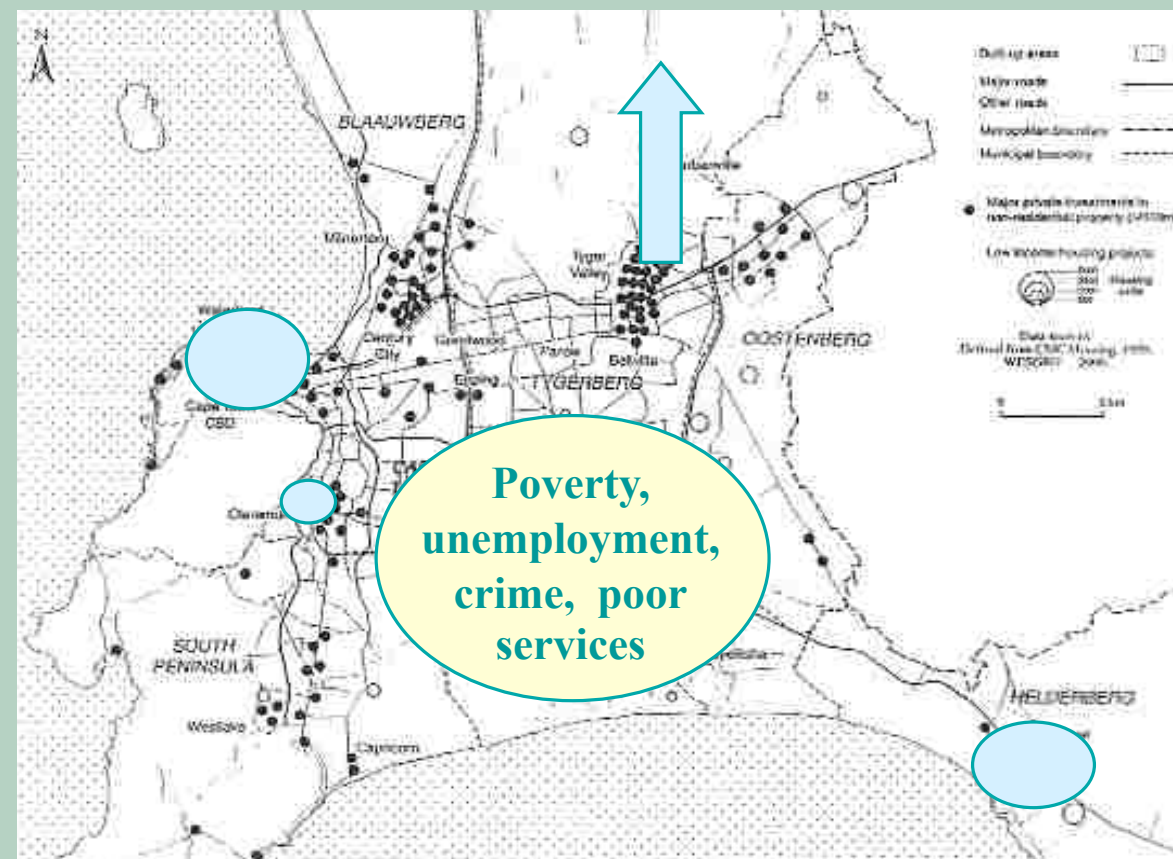
Data: [Download bronbestand \(spreadsheet\)](#)

Patterns

Distributional patterns

Soja, 2009, p. 3

Spatial (in)justice as **OUTCOME**



Spatial (in)justice as **PROCES**

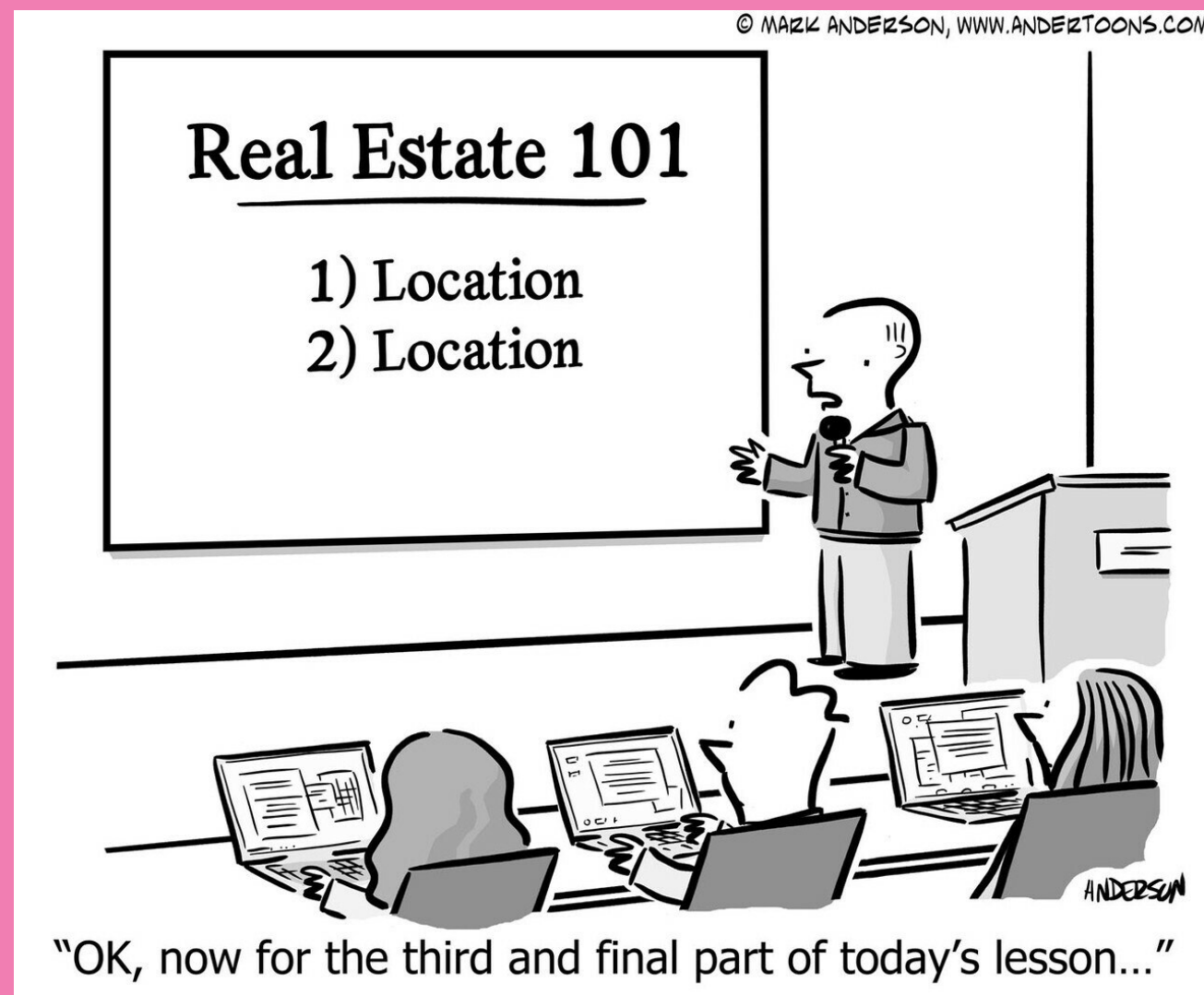
- describing the underlying processes is difficult
- most familiar shaping forces of locational and spatial discrimination: class, race and gender
- political organisation of space
- uneven geography!

Capitalism

The quest for spatial justice

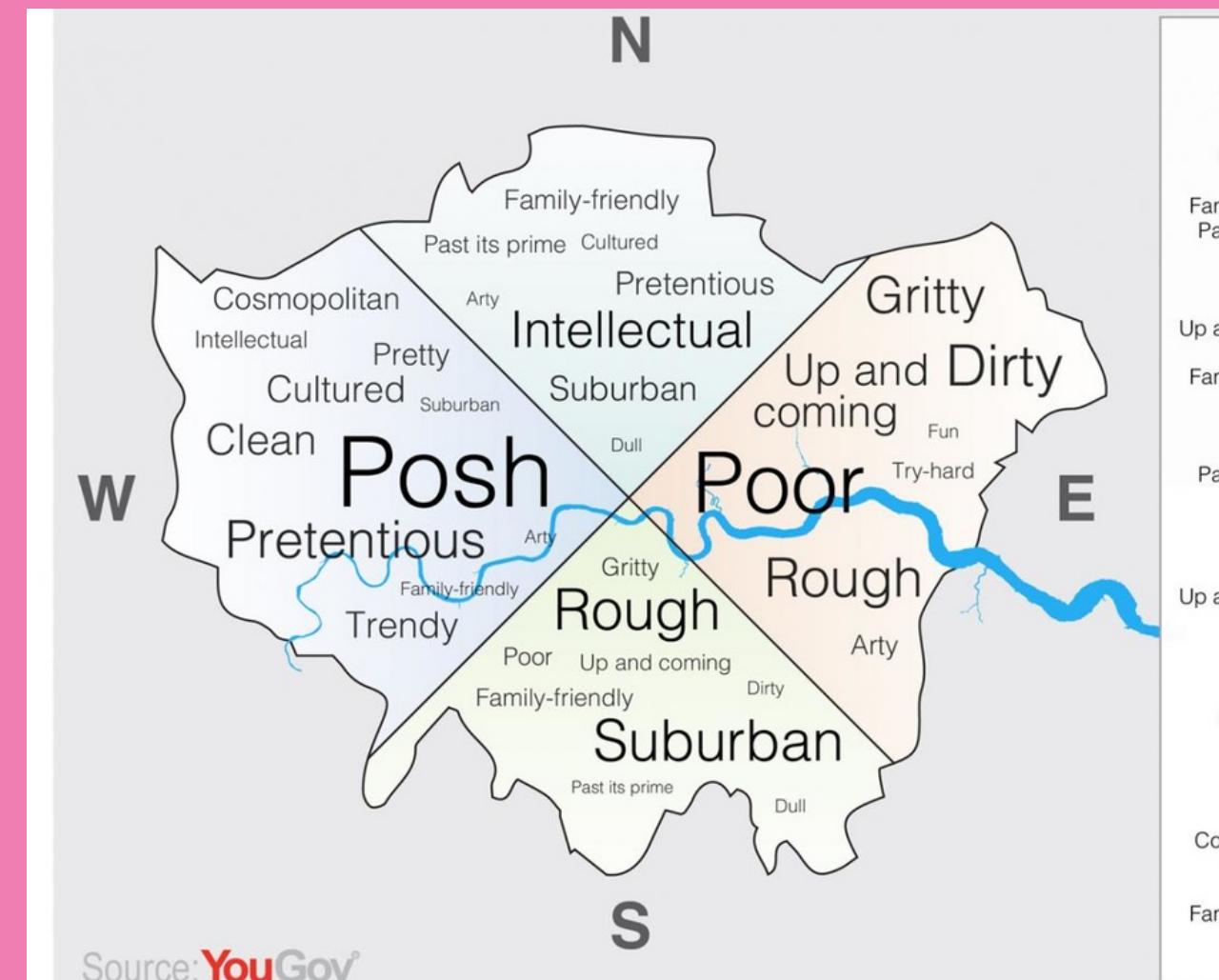
Planning in neo-liberal times

WHEN SPACE BECOMES A PRODUCT



INCREASING SPATIAL SEGREGATION

- eg Docklands London
- Drozd, M. (2014). Spatial inequalities, "neoliberal" urban policy and the geography of injustice in London. *Justice Spatiale - Spatial Justice*, 6,



<http://www.standard.co.uk/news/london/east-is-poor-west-is-posh-south-is-rough-and-north-is-intellectual-londoners-views-on-the-citys-9088834.html>

injustice

Soja (2010, p. 73)

Spatial injustice

being differently located in
space can have

“deeply oppressive and exploitative effects, especially when maintained over long time periods and rooted in persistent divisions in society such as those based on race, class, and gender”

injustice

Soja (2009, p. 2) (2010, p.4)

Spatial justice

a definition

involves

“the fair and equitable distribution in space of socially valued resources and opportunities to use them”

acknowledges that

“social processes shape the spatiality or specific geography of (in)justice.”

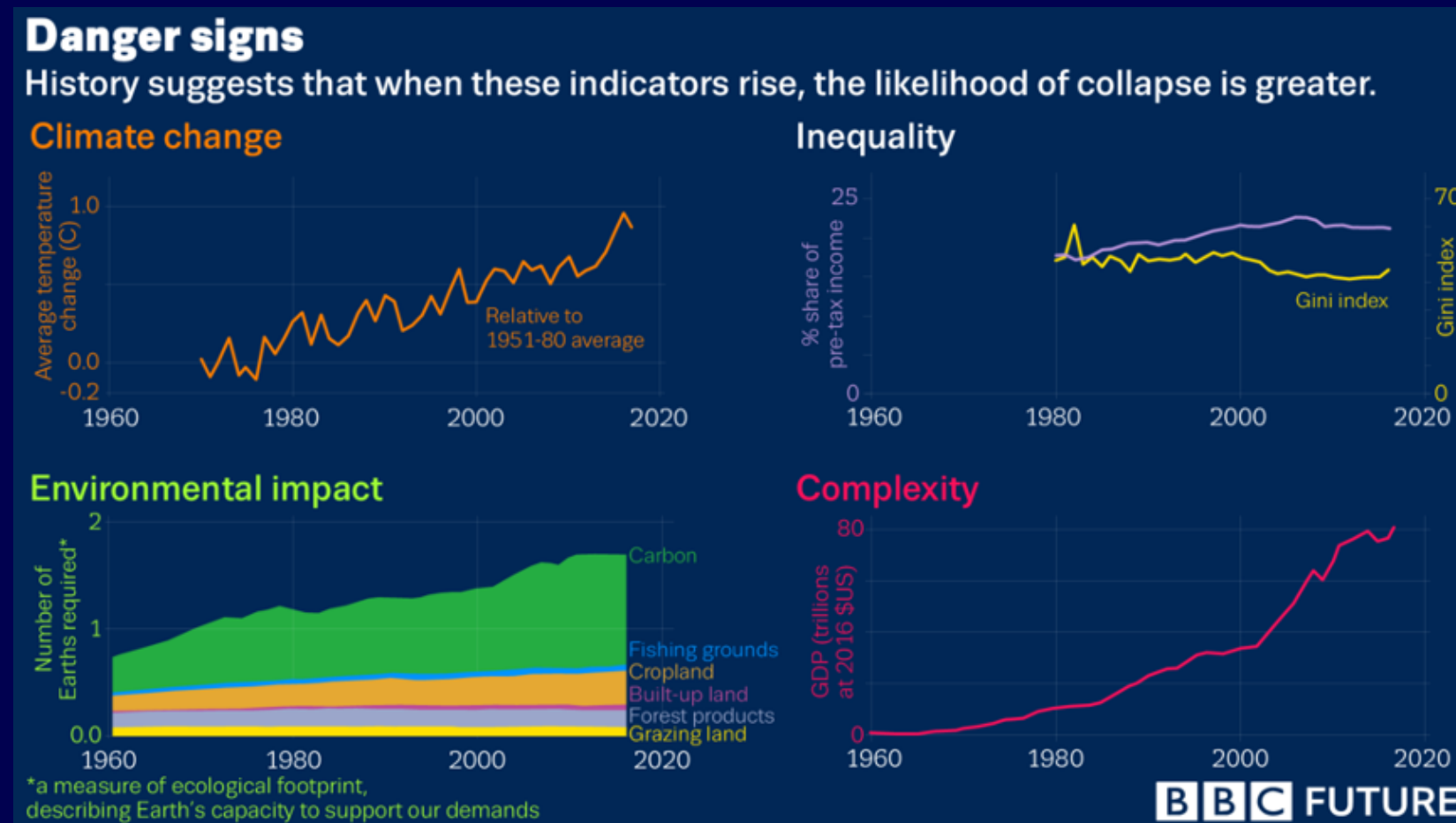
needs

urban dwellers to be able to “to participate openly and fairly in all the processes producing urban space”

The quest for spatial justice

AND NOW... ENGAGE!

FUTURE



Centre for existential risk, Cambridge university

PLANNERS ROLE

- How can we produce conditions that foster spatial justice
- think about the processes
- who has the right to participate?
- co-creation ? How?

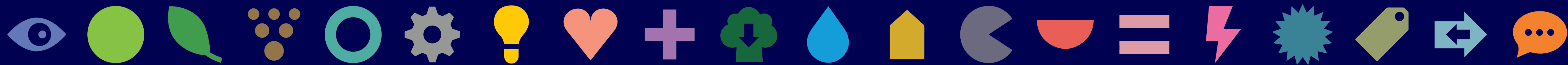
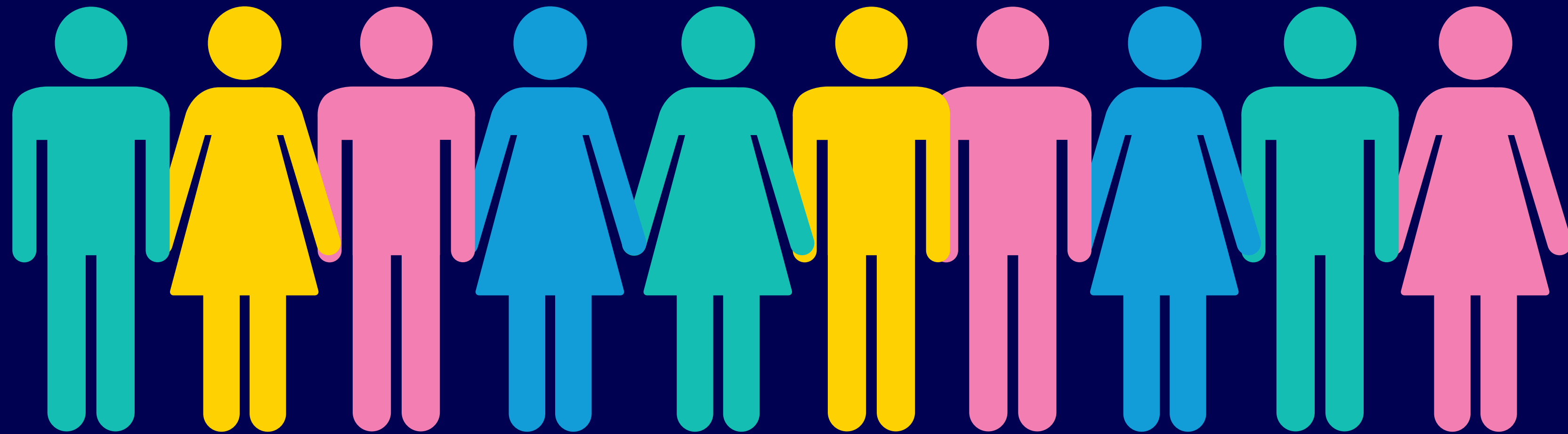
DESIGNING

DESIGNING THE JUST CITY

FOR ALL



The “tragedy” of The Commons



Adam Smith's invisible hand



**The 'unseen forces' that
move the free market
economy:**

**Through Rational
individual self-interest,
the best interest of
society, as a whole, is
fulfilled.**



Adam Smith's invisible hand



“...HE INTENDS ONLY HIS OWN GAIN, AND HE IS IN THIS, AS IN MANY OTHER CASES, LED BY AN **INVISIBLE HAND** TO PROMOTE AN END WHICH WAS NO PART OF HIS INTENTION ...

...BY PURSUING HIS OWN INTERESTS, HE FREQUENTLY PROMOTES THAT OF THE SOCIETY MORE EFFECTUALLY THAN WHEN HE REALLY INTENDS TO PROMOTE IT.”

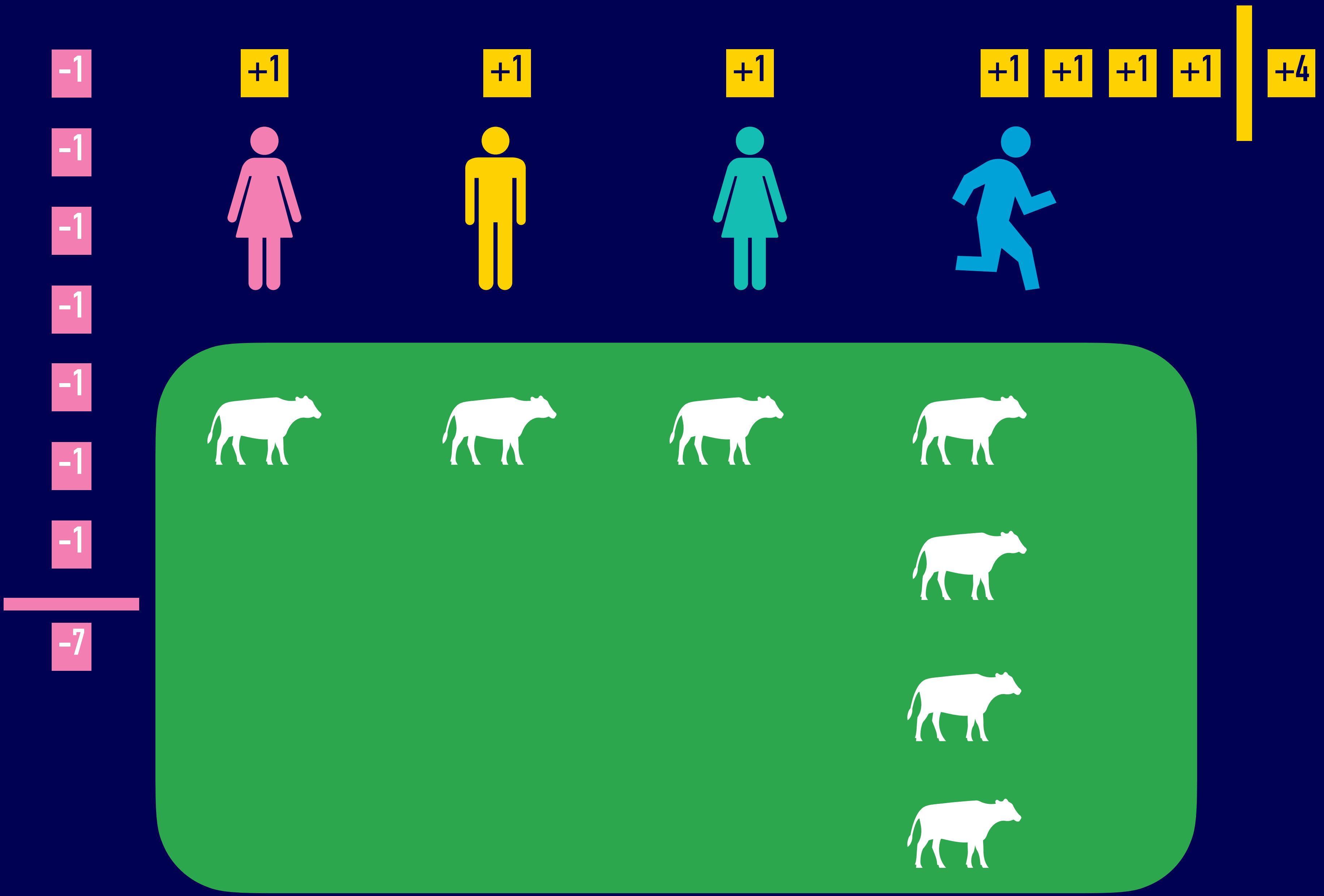
AN INQUIRY INTO THE NATURE AND CAUSES OF THE WEALTH OF NATIONS, 1776.

Rational choice theory

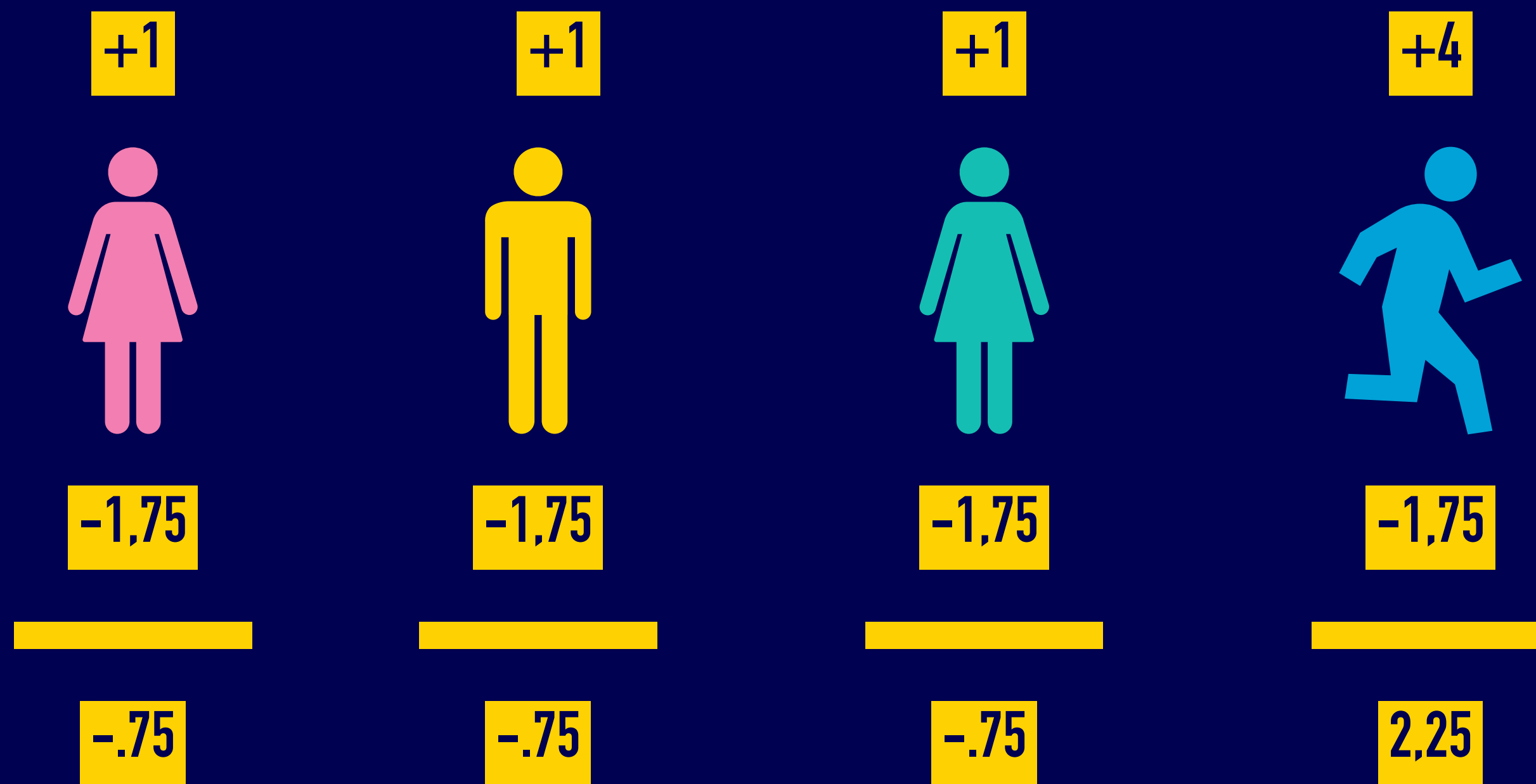
Neoclassical economics

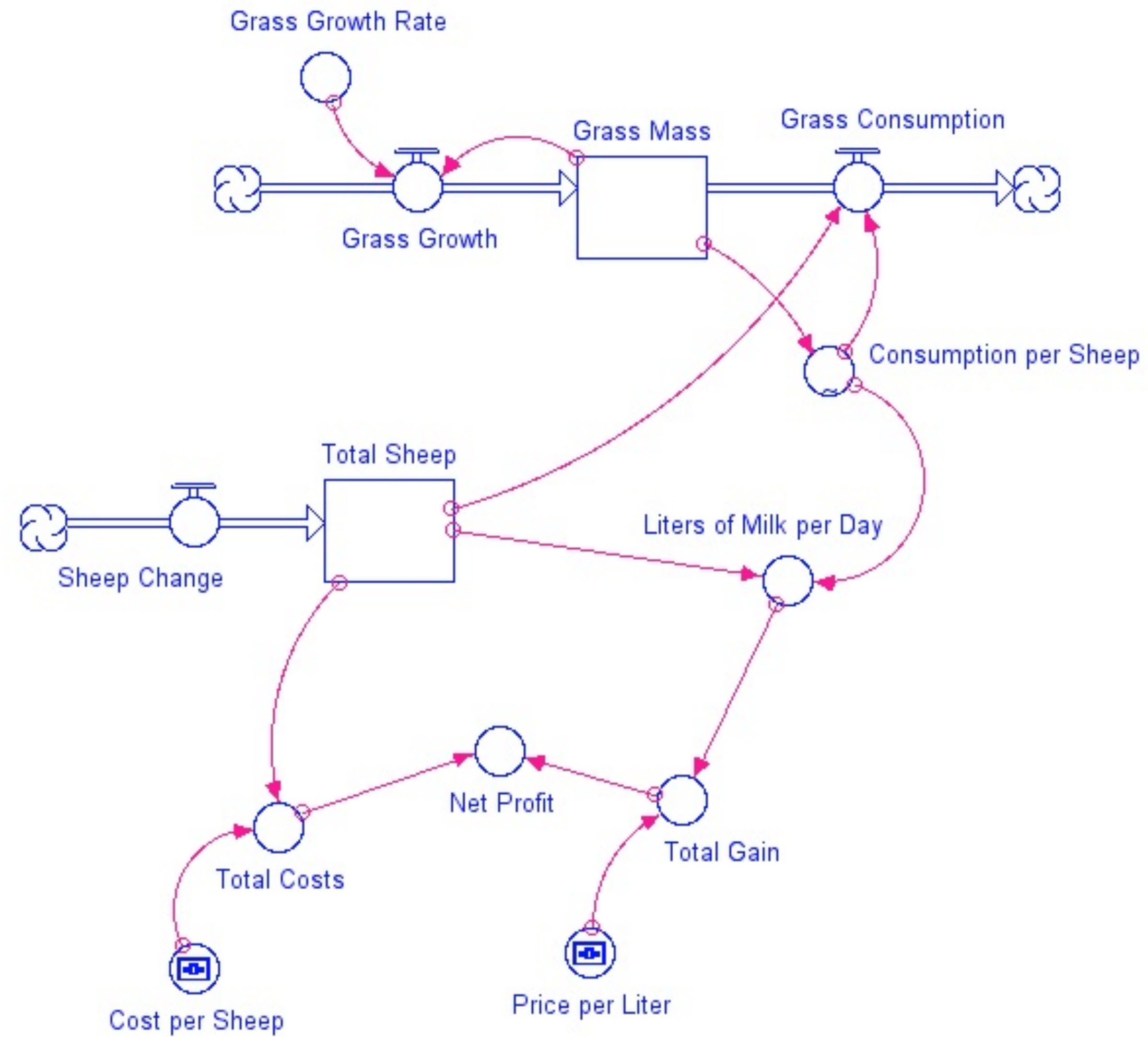
The Tragedy of the Commons





$$-7 / 4 = 1,75$$



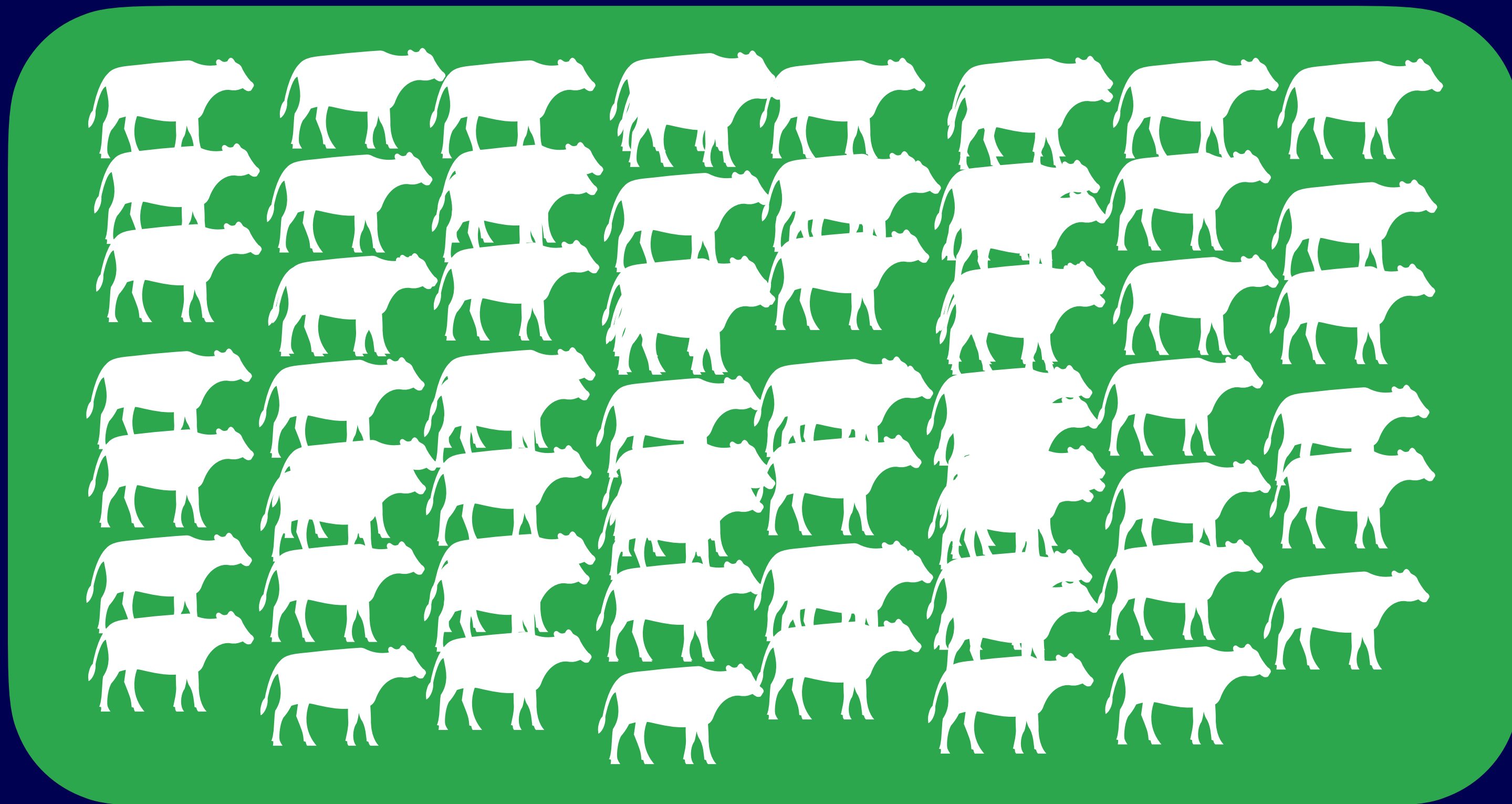
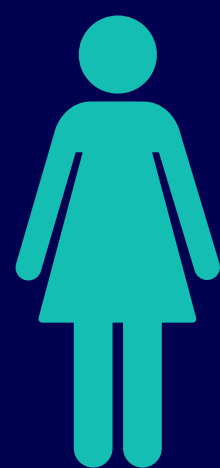
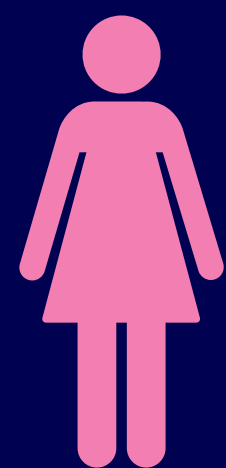


MODEL DIAGRAM SHOWING THE ECONOMICS OF SHEEP GRAZING AND MILK PRODUCTION FOR A CASE WHERE THERE ARE NO RESTRICTIONS ON SHEEP GRAZING — MORE SHEEP ARE ADDED TO THE PASTURE ON A REGULAR BASIS, WHICH AFFECTS BOTH THE AMOUNT OF GRASS REMAINING IN THE PASTURE AND THE AMOUNT OF MILK PRODUCED. CREDIT: DAVE BIC

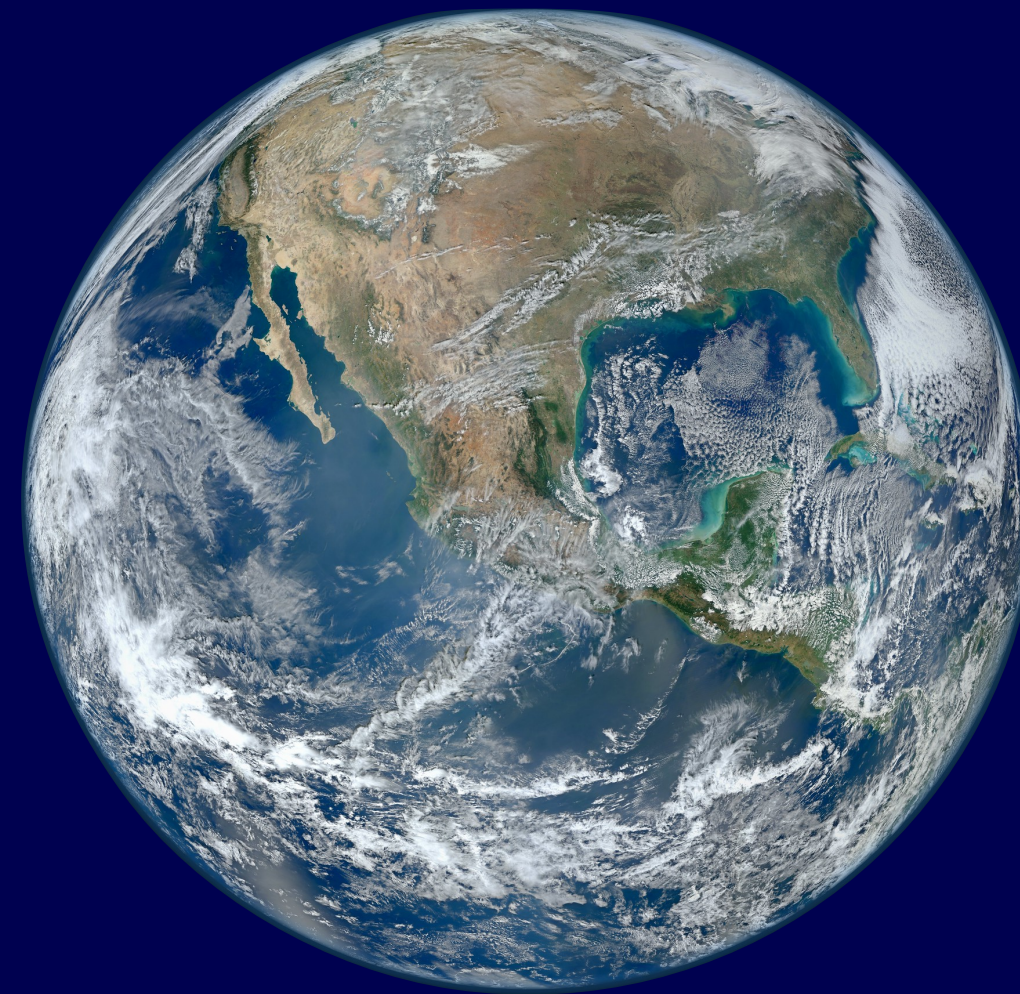
**If rational choice theory
applies...**

BIG INCENTIVE for the farmers to
put more cows to graze in the field

LITTLE INCENTIVE for them to
control the number of cows

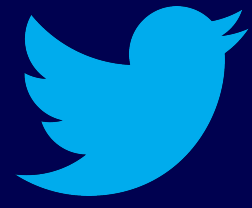


**INTRA
GENERATIONAL JUSTICE**



**INTER
GENERATIONAL JUSTICE**

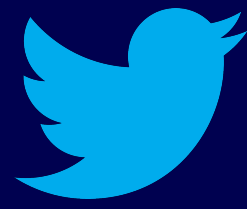
**Sustainability studies start to
conceptualise our planet as a big
commons**



Jason Hickel  @jasonhickel · 1d

Imagine what economic theory would look like if the basic unit of behavioral modelling wasn't an abstract, bourgeois male individual but a mother.

[HTTPS://TWITTER.COM/JASONHICKEL/STATUS/1326455726190055425](https://twitter.com/jasonhickel/status/1326455726190055425)



Jason Hickel  @jasonhickel · 32m



In an era of ecological breakdown, there is nothing “rational” about maximising profit.



4



91



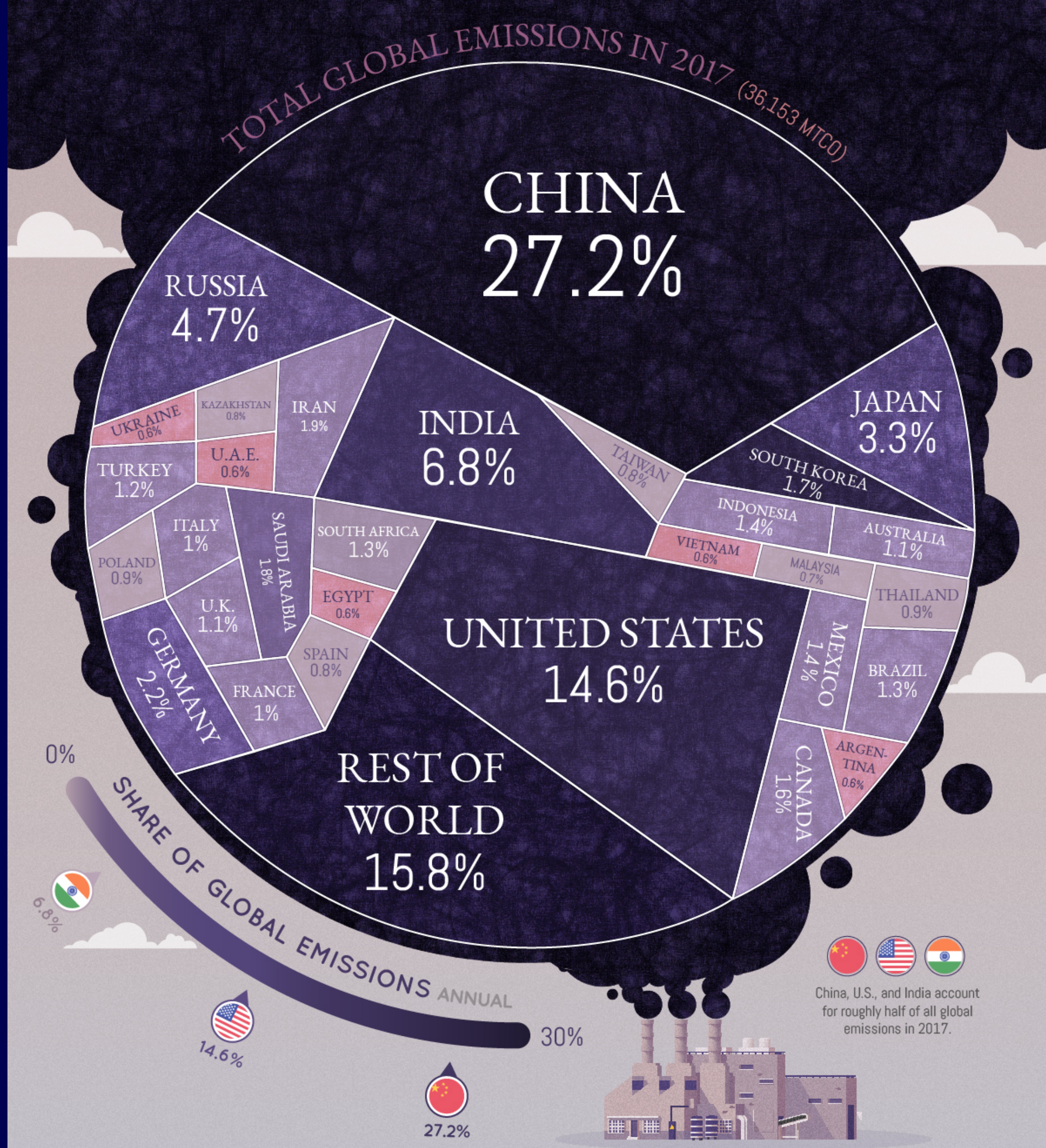
284



[HTTPS://TWITTER.COM/JASONHICKEL/STATUS/1460907875694432261](https://twitter.com/jasonhickel/status/1460907875694432261)

Environmental Justice

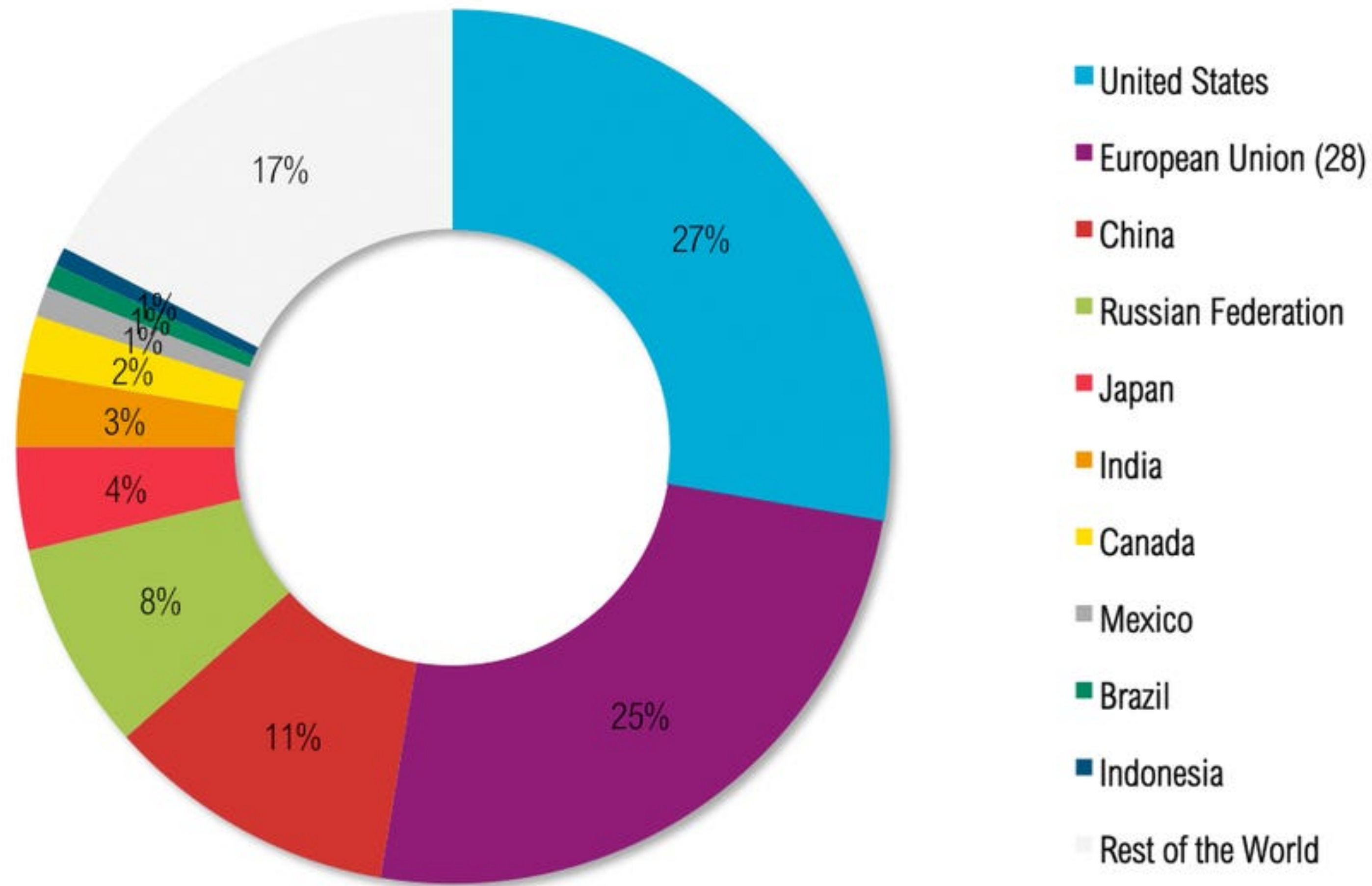
ALL THE WORLD'S CARBON EMISSIONS IN ONE CHART



Q What percentage of global fossil fuel emissions (since 1751) have been produced by China, the U.S., and India?

[HTTPS://WWW.VISUALCAPITALIST.COM/ALL-THE-WORLDS-CARBON-EMISSIONS-IN-ONE-CHART/](https://www.visualcapitalist.com/all-the-worlds-carbon-emissions-in-one-chart/)

Cumulative CO₂ Emissions 1850–2011 (% of World Total)



[HTTPS://WWW.CLIMATEINTERACTIVE.ORG/ANALYSIS/US-ROLE-IN-PARIS/](https://www.climateinteractive.org/analysis/us-role-in-paris/)

<http://bit.ly/11SMpjA>



CLIMATE
JUSTICE

OR

RACIAL
JUSTICE

NURSES
AGAINST
RACISM

JUSTICE

RESPECT



IBRAHIM

I AM THE ONLY ONE WHO KNOWS HOW TO PLAY THE FLUTE. I CAN MAKE THE BEST USE OF IT.

UTILITARIANISM

THE EFFECTS OF ACTIONS

THE BEST OUTCOME FOR THE LARGEST NUMBER



MICHELLE

I AM THE POOREST OF US, AND I DON'T HAVE ANY TOYS. THE FLUTE WILL MAKE ME HAPPIER. LAURA & IBRAHIM HAVE LOTS OF TOYS.

ECONOMIC EGALITARIANISM

EQUITY OF OPPORTUNITY/ FAIR REDISTRIBUTION

CIVIL RIGHTS



LAURA

I HAVE WORKED VERY HARD TO MAKE THIS FLUTE. JUST WHEN I WISH TO ENJOY IT, YOU WANT TO TAKE IT AWAY FROM ME.

LIBERTARIANISM

MERIT AND HARD WORK

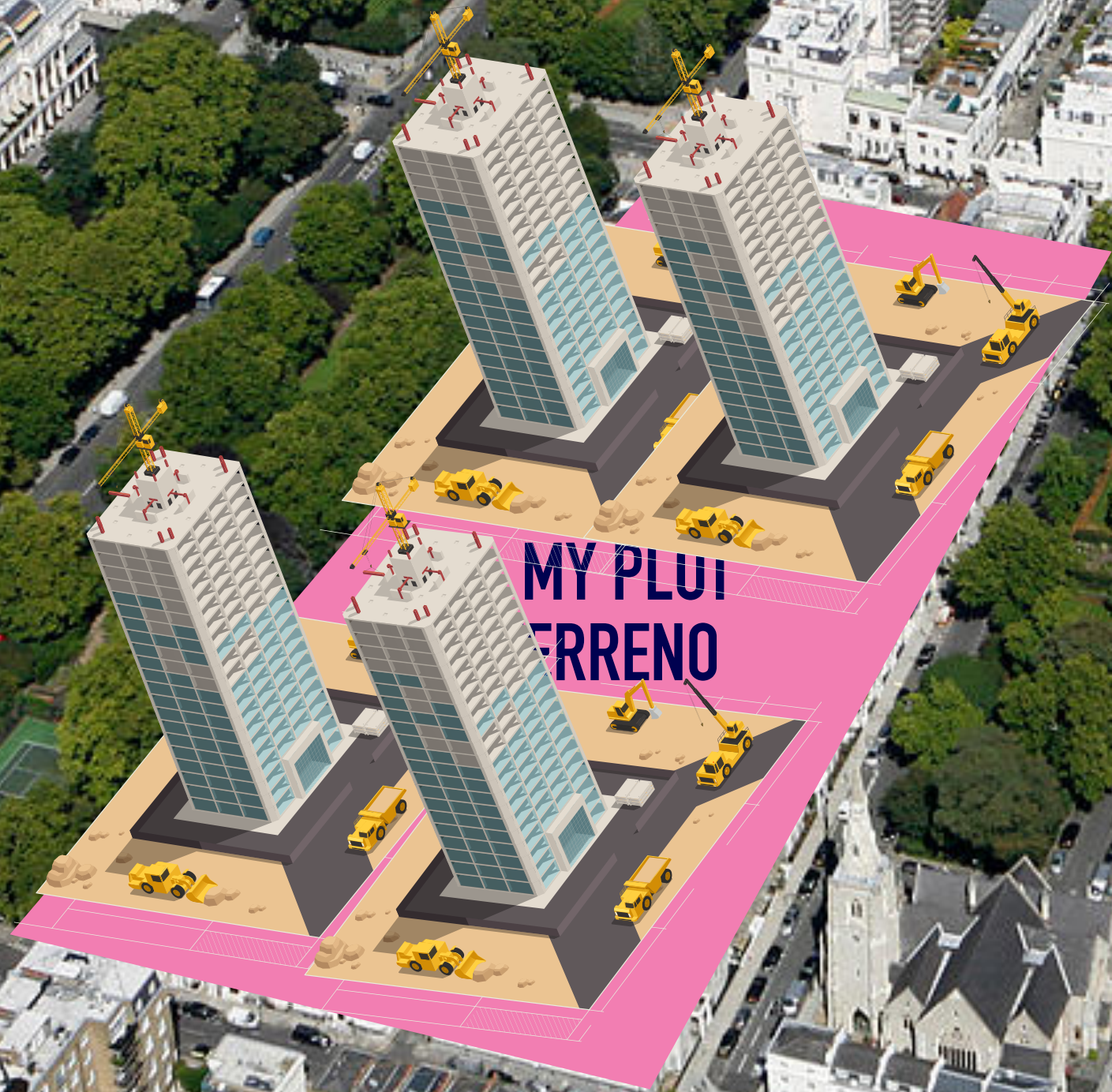
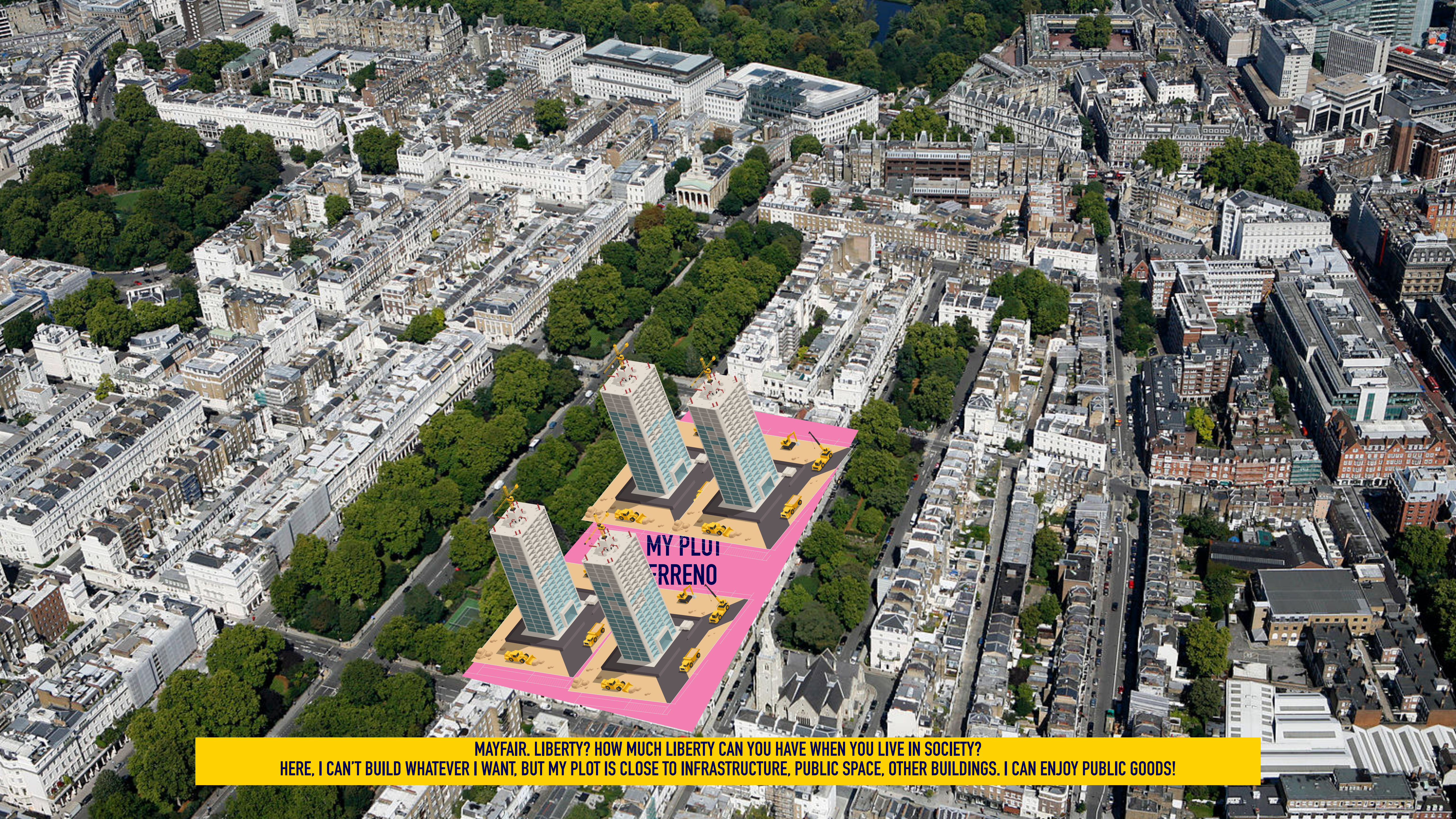
FREEDOM FROM OPPRESSION

DIMINISHING MARGINAL UTILITY OF INCOME AND WEALTH SUGGESTS THAT AS INCOME INCREASES, INDIVIDUALS GAIN A CORRESPONDINGLY SMALLER INCREASE IN SATISFACTION AND HAPPINESS.



**MY PLOT
MI TERRENO**

**LIBERTY? WHAT LIBERTY CAN YOU HAVE IF YOU ARE NOT IN SOCIETY?
HERE, I OWN A PLOT IN THE MIDDLE OF THE DESERT. I CAN BUILD WHATEVER I WANT ON IT, BUT WHAT IS THE VALUE OF THIS?**



**MAYFAIR. LIBERTY? HOW MUCH LIBERTY CAN YOU HAVE WHEN YOU LIVE IN SOCIETY?
HERE, I CAN'T BUILD WHATEVER I WANT, BUT MY PLOT IS CLOSE TO INFRASTRUCTURE, PUBLIC SPACE, OTHER BUILDINGS. I CAN ENJOY PUBLIC GOODS!**

THIS WEEK AT TU/E



DESIGNING CITIES FOR ALL X TU EINDHOVEN

Designing a Just Digital Society

Exploring how we can harness the power of technology to create more just societies with Galit Ariel, Lisa Talia Moretti, Eve Logunova-Parker & Astrid Linder.

DO 27 OKT, 16.00 TU/E CAMPUS, CORONAZAAL IN LUNA: LAMPENDRIESSEN 31 EINDHOVEN • GRATIS **ENGLISH**



DESIGNING CITIES FOR ALL X TU EINDHOVEN

Creating a Future for All

Imagining a future for all with a.o.: Miriam van der Lubbe, Zuzanna Skalska, OluTimehin Kukoyi, Galit Ariel, Hala Ali, Mari Fujiwara, Ines Lopez Arteaga, Marina Otero Verzier, Lyongo Juliana, ...

VR 28 OKT, 14.30 TU/E CAMPUS, BLAUWE ZAAL: AUDITORIUM 5612 EINDHOVEN • GRATIS **ENGLISH**

FULL PROGRAMME AT [DEZWIJGER.NL/AGENDA](https://dezwijger.nl/agenda)

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CHECK: [DEZWIJGER.NL/UPDATE/DCFA-BOOK-2022](https://dezwijger.nl/update/dcfa-book-2022)

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DESIGNING

**DESIGNING PRODUCTS AND
PRACTICES FOR PLURALITY**

FOR ALL