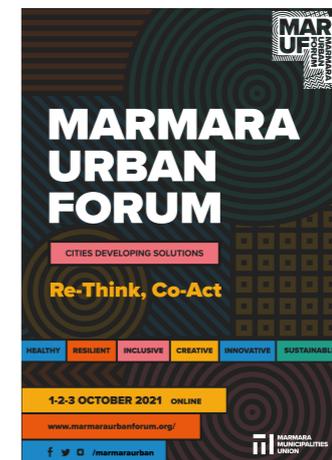


# Revolution needed in how we teach planning and design in face of *dire public challenges*

Marmara Urban Forum, Habitat-UNI Session





# ARCHITECTURE

ARTS

SCIENCE

SCH

HOGGESS

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STYLOS

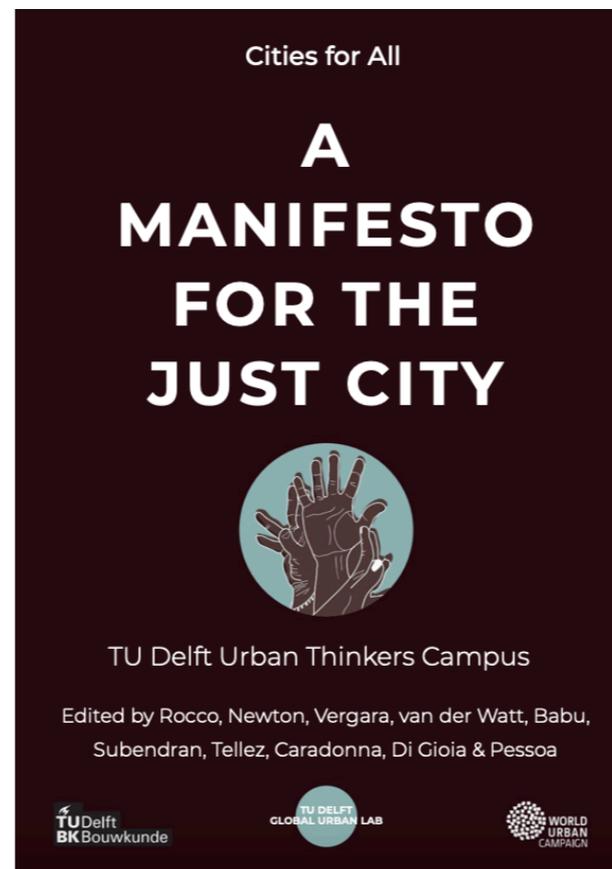
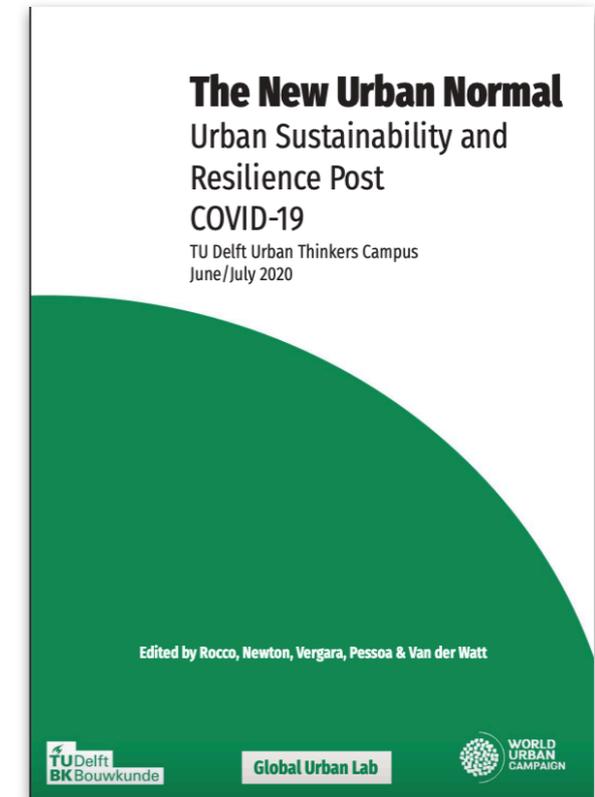
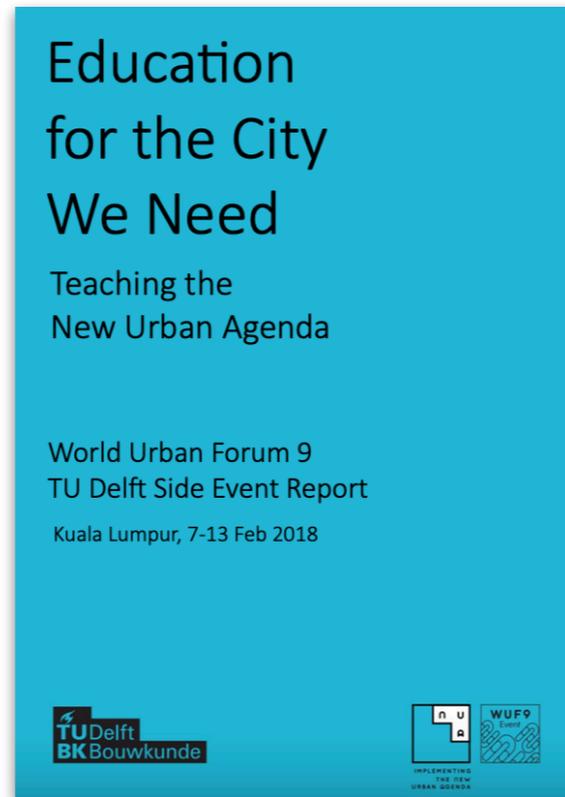
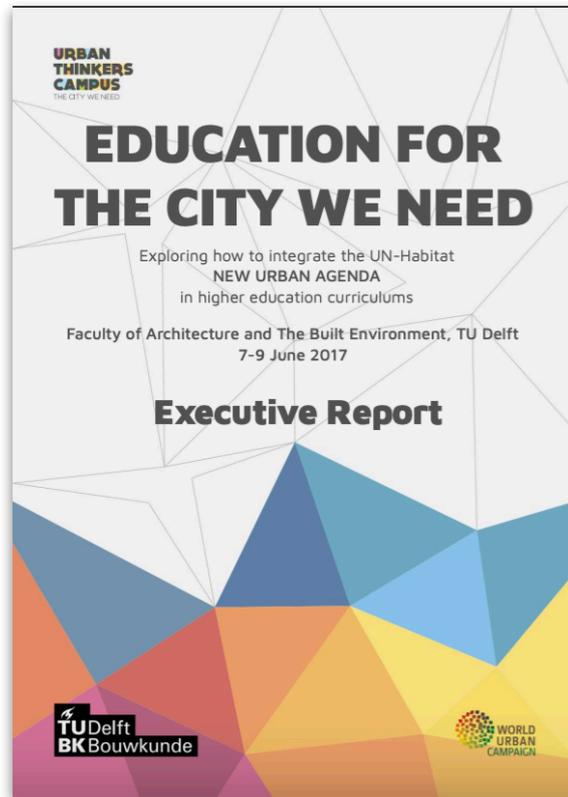


- 1 NO POVERTY
- 2 ZERO HUNGER
- 3 GOOD HEALTH AND WELL-BEING
- 4 QUALITY EDUCATION
- 5 GENDER EQUALITY
- 6 CLEAN WATER AND SANITATION
- 7 AFFORDABLE AND CLEAN ENERGY
- 8 DECENT WORK AND ECONOMIC GROWTH
- 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
- 10 REDUCED INEQUALITIES
- 11 SUSTAINABLE CITIES AND COMMUNITIES
- 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
- 13 CLIMATE ACTION
- 14 LIFE BELOW WATER
- 15 LIFE ON LAND
- 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
- 17 PARTNERSHIPS FOR THE GOALS

What is your SUSTAINABLE DEVELOPMENT GOAL?

Choose one of the 17 Sustainable Development Goals (SDGs) and explain why it is important to you. You can also write down what you can do to contribute to achieving this goal.

SUSTAINABLE DEVELOPMENT GOALS





Union for the Mediterranean  
Union pour la Méditerranée  
الاتحاد من أجل المتوسط



DAY OF THE  
MEDITERRANEAN  
NOVEMBER 28

# THE UfM STRATEGIC URBAN DEVELOPMENT ACTION PLAN 2040



The UfM Secretariat  
is co-funded by the  
EUROPEAN UNION

For sustainable, resilient, and inclusive cities and  
communities in the Mediterranean





Union for the Mediterranean  
Union pour la Méditerranée  
الاتحاد من أجل المتوسط

# UfM Strategic Urban Development Action Plan 2040



DAY OF THE  
MEDITERRANEAN  
NOVEMBER 28

## AXIS OF INTERVENTION 1 HOUSING ACTION PLAN

For inclusive, integrated, and sustainable urban  
development and regeneration



The UfM Secretariat  
is co-funded by the  
EUROPEAN UNION

## Executive Summary





# Goal 11

**Make cities and human settlements **inclusive**, safe, resilient and **sustainable**.**

**Integration of  
(Spatial) Justice**

**In**

**Urban Sustainability**

**We must make a  
dramatic transition  
to sustainability**

**The transition is  
urgent,  
but will it be fair?**

Campbell, S. D. (2013). Sustainable Development and Social Justice: Conflicting Urgencies and the Search for Common Ground in Urban and Regional Planning. *Michigan Journal of Sustainability*, 1(1), 75-91.

A satellite view of Earth showing the Americas, with the text "Sustainability + Justice" overlaid in white serif font. The image shows the Western Hemisphere, including North and South America, with visible cloud patterns and oceanic features. The text is centered horizontally across the middle of the globe.

**Sustainability + Justice**

**Climate Change**

**Pandemics**

**Bio-exhaustion**

**Extinction**

**Growing inequality**

**Erosion of democratic standards**

# Growing inequality

**High costs for society, dampening social mobility, undermining the labour market prospects of vulnerable social groups, and creating social unrest, contributing to lower levels of health, happiness and satisfaction with life.**

**Erosion of democratic standards**

**Rise of populism and extreme ideologies**

# Transforming the EU's economy for a sustainable future

Mobilising research and fostering innovation

## Climate ambition

Increasing the EU's Climate ambition for 2030 and 2050

1

## Clean energy

Supplying clean, affordable and secure energy

2

## Circular Economy

Mobilising industry for a clean and circular economy

3

## Building and renovating

Building and renovation in an energy and resource efficient way

4

THE EUROPEAN GREEN DEAL

8

## Zero Pollution

A zero pollution ambition for a toxic-free environment

7

## Ecology

Preserving and restoring ecosystems and biodiversity

6

## From Farm to Fork

A fair, healthy and environmentally friendly food system.

5

## Sustainable mobility

Accelerating the shift to sustainable and smart mobility

Financing the Transition

Just Transition  
Leave no one Behind

The EU as a global leader

A European Climate Pact



**Just  
Transition  
Leave no one  
Behind**

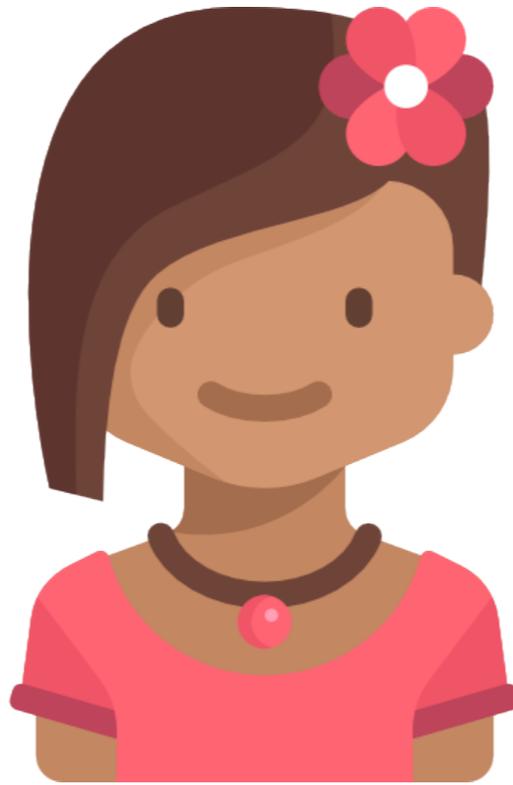


**IBRAHIM**

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



**MARY**

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

**ECONOMIC EGALITARIANISM**

EQUITY OF OPPORTUNITY/ FAIR REDISTRIBUTION



**LAURA**

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

**LIBERTARIANISM**

MERIT AND HARD WORK



Basic  
Human  
Rights

"Sustainable development is development that meets the **needs** of the present without compromising the ability of **future generations** to meet their own needs."

We are not  
here now!

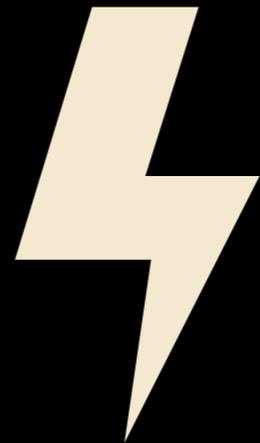
World Commission on Environment and Development (1987).

“...even a narrow notion of physical sustainability implies a concern for **social equity between generations**, a concern that must logically be extended to **equity within each generation**”.

Brundtland Report, 1987, p.43

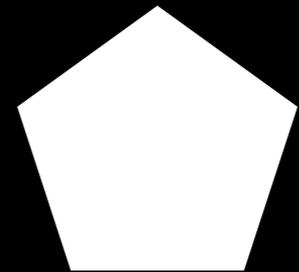
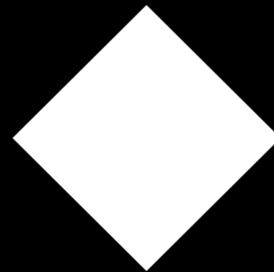
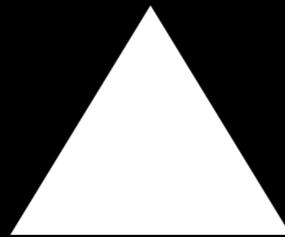


**Inter**generational justice

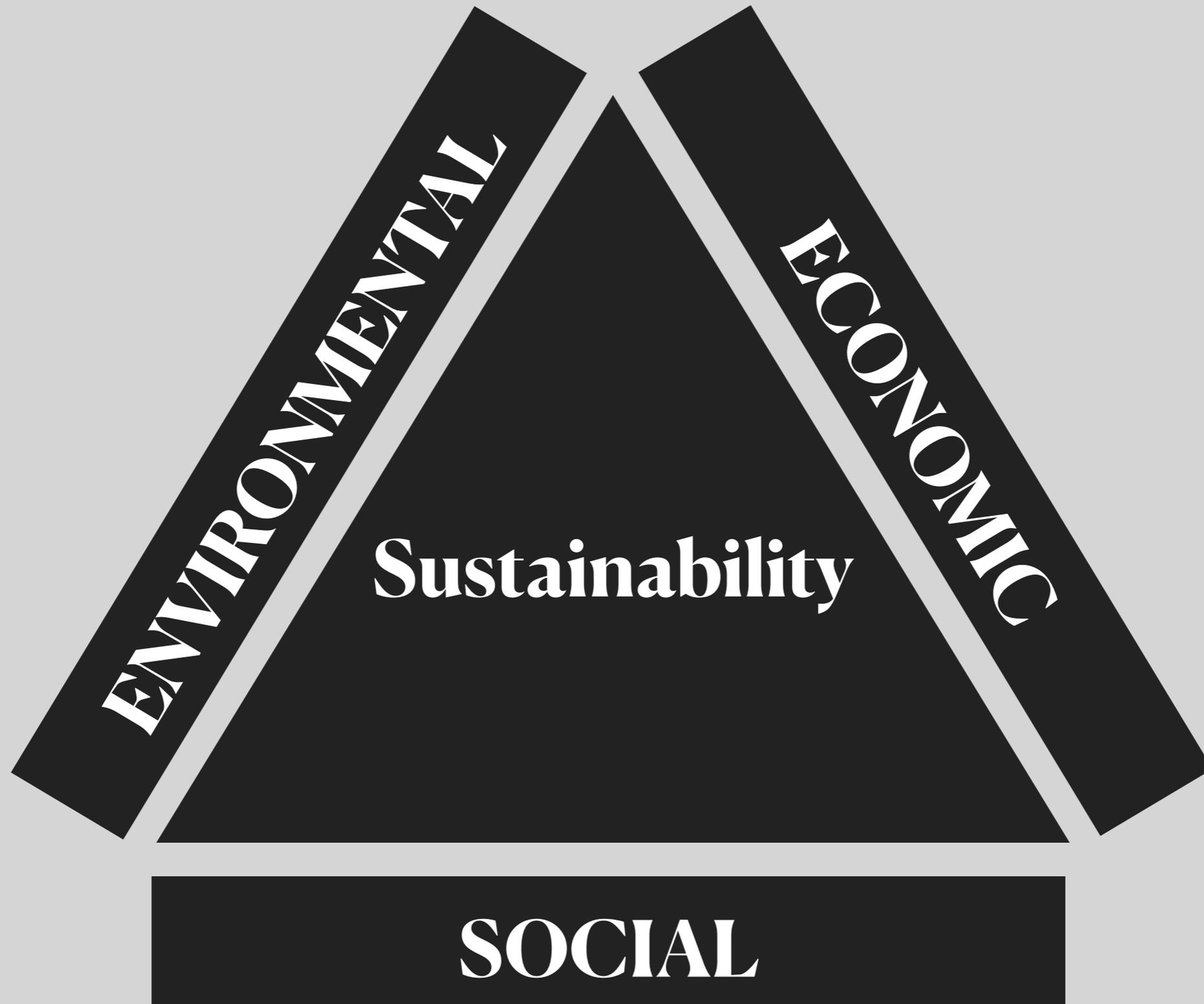


**Intra**generational justice

Sustainability is  
multidimensional



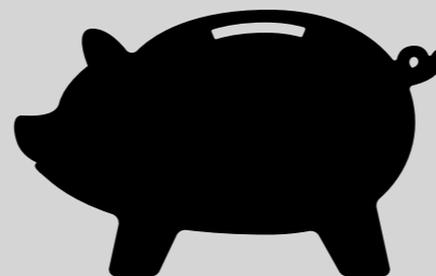
# Sustainability is multidimensional



# Sustainability is multidimensional

“Long term sustainability can only exist when its three crucial dimensions occur simultaneously”

Larsen, 2012



## **Social Sustainability**

**The political and economic structures that support environmental sustainability (and life in our planet).**

# AMAZON FOREST

An aerial photograph of the Amazon rainforest. The forest is dense with various types of trees, including tall palm trees. Thick, white and grey smoke billows from the forest floor, rising into the air and partially obscuring the trees. The smoke is most concentrated in the center and right side of the image, with some smaller plumes visible elsewhere. The overall atmosphere is hazy and somber due to the fire.

SMOKE BILLOWS DURING A FIRE IN AN AREA OF THE AMAZON RAINFOREST NEAR PORTO VELHO, RONDONIA STATE, BRAZIL, SEPT. 10, 2019. REUTERS/BRUNO KELLY

# Social Sustainability

Justice  
underscores  
social sustainability

Moral imperative:

“Leave no one  
behind”

Acceptability

Support

Compliance

Suitability

Coordination

The transition  
is urgent,  
but is it fair?

John Rawls (2005)

TRUTH concerns validation

whereas

JUSTICE determines acceptability

Both JUSTICE and TRUTH  
contribute to the formation of a  
democratic public sphere.



**Greta Thunberg**  @GretaThu... · 19m ...

Science and democracy are strongly interlinked - as they are both built on freedom of speech, independence, facts and transparency.

If you don't respect democracy then you probably won't respect science. And if you don't respect science then you probably won't respect democracy.

 437

 2,514

 9,938





**Elinor  
Ostrom**



**Patsy  
Healey**



**Judith  
Innes**



**Elinor Ostrom**



WAYNE QUILLIAM PHOTOGRAPHY / YOTHU YINDI FOUNDATION. YOLNGU PEOPLE PREPARING FOR TRADITIONAL CEREMONIES AT THE 2011 GARMA FESTIVAL IN ARNHEM LAND.



Symmetric  
communication

Subsidiarity

Polycentric governance

WATCH ME SPEAK HERE: [HTTPS://YOUTU.BE/N8CXGBSQHCA?T=330](https://youtu.be/N8CXGBSQHCA?T=330)

SOURCE: [HTTPS://WWW.NOBELPRIZE.ORG/PRIZES/ECONOMIC-SCIENCES/2009/OSTROM/BIOGRAPHICAL/](https://www.nobelprize.org/prizes/economic-sciences/2009/ostrom/biographical/)



**Communicative  
planning**

**PATSY HEALEY**

**FOR HOW COMMUNICATIVE RATIONALITY INFLUENCES PLANNING AND DESIGN PLEASE SEE PATSY HEALEY**



“He [Habermas] shows us that **we are not autonomous subjects competitively pursuing our individual preferences**, but that our sense of ourselves and of our interests is constituted through our relations with others, through communicative practices.

**Our ideas about ourselves, our interests, and our values are socially constructed through our communication with others and the collaborative work this involves.**

If our consciousness is dialogically constructed, surely, we are deeply skilled in communicative practices for listening, learning, and understanding each other.”  
(Healey, 1996, p.219)



Emphasis on the participation of **all members of a community**, including those whose voices are **silent** or whose knowledge is considered unimportant



“Reconstructing the meaning of a democratic practice” based on more practices of “inclusionary argumentation”.

**How are we going to live together?**



## “DIAD”

- **Diversity of Interests:** the full inclusion of participants who have a stake in the problem
- **Interdependence of Interests:** a recognition by the participants that they must depend on each other to meet their interests
- **Authentic Dialogue:** the engagement of all participants in face-to-face conversations.



WATCH ME SPEAK HERE: [HTTPS://WWW.YOUTUBE.COM/WATCH?V=UKEWHQKMJUS](https://www.youtube.com/watch?v=UKEWHQKMJUS)

SOURCE: [HTTPS://SENATE.UNIVERSITYOFCALIFORNIA.EDU/IN-MEMORIAM/FILES/JUDITH-INNES.HTML](https://senate.universityofcalifornia.edu/in-memoriam/files/judith-innes.html)

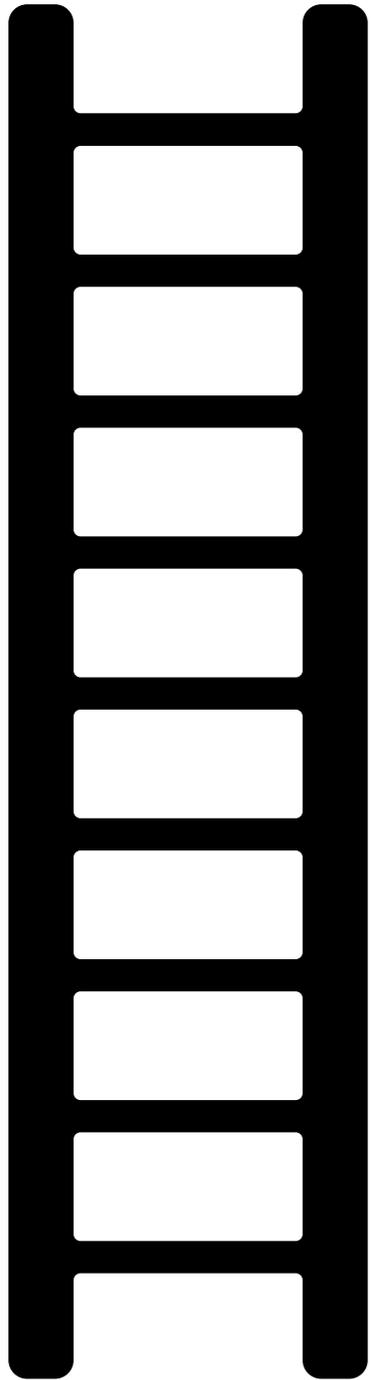
**Rational  
choice  
theory**



**Collective  
public  
rationality**

# Ladder of citizen participation

Arnstein (1969)



Citizen control  
Delegate Power  
Partnership

Degrees of  
citizen power

Placation  
Consultation  
Information

Degrees of  
Tokenism

Therapy  
Manipulation

No power

# 'Right to the City'

Henri Lefebvre, *Le droit à la ville*, 1968

The right to shape your living environment to your needs and desires,  
The right to participate in the governance of the city.

We can conceptualise the city as a commons if understood as the product of common work, shared by all who contribute to build and maintain it:

A “COLLECTIVE endeavour”

as conceptualised by Henri Lefebvre.

and we can all draw from the resources it provides us  
(proximity, density, synergy, opportunity)

WHO does the city  
belong to?

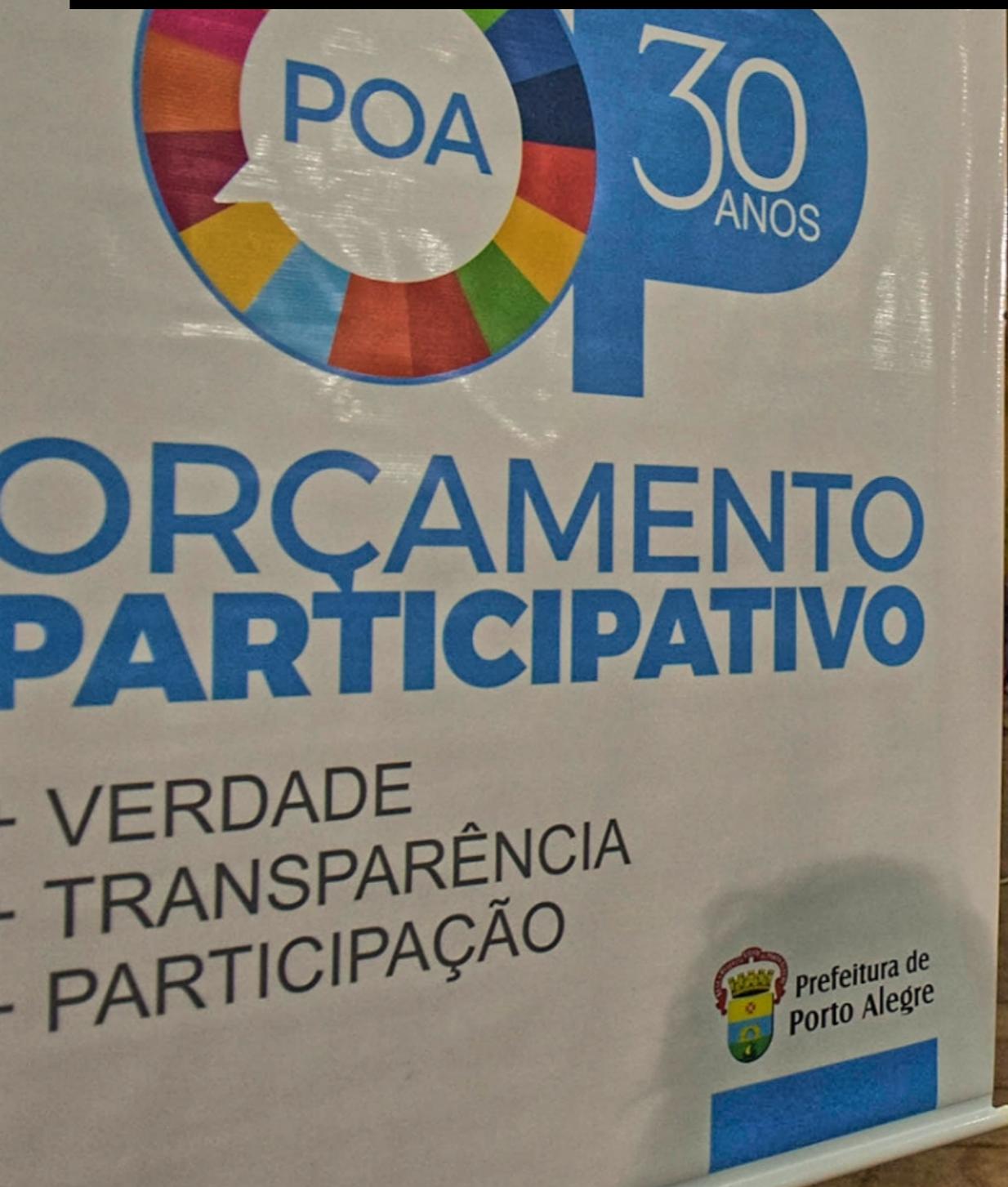
If a person cannot afford housing, do they have the right to live in the city?

## Recommendations

- **Citizen empowerment + participation**
- **Make coalitions & Seek consensus through communicative participatory processes**
- **Listen to the most silent stakeholders: future generations, the planet, the vulnerable**

# Examples of citizen empowerment

## PARTICIPATORY BUDGET



PORTO ALEGRE, RS - 11/11/2019: ORÇAMENTO PARTICIPATIVO - REGIÃO EIXO-BALTAZAR. FOTO: MARIA ANA KRACK/PMPA



# Examples of citizen empowerment

## Citizens' Convention for the Climate



[HTTPS://WWW.CONVENTIONCITOYENNEPOURLECLIMAT.FR/EN/](https://www.conventioncitoyennepourleclimat.fr/en/)

[HTTPS://WWW.FACEBOOK.COM/CONVCITOYENNE/PHOTOS/A.120563659339647/208996803829665/?TYPE=3&THEATER](https://www.facebook.com/convcitoyenne/photos/a.120563659339647/208996803829665/?type=3&theater)

# Examples of citizen empowerment

## Citizens' convention for the climate



[HTTPS://WWW.CONVENTIONCITOYENNEPOURLECLIMAT.FR/EN/](https://www.conventioncitoyennepourleclimat.fr/en/)

[HTTPS://EUROPEANCLIMATE.ORG/A-TALE-OF-TWO-CITIZENS-ASSEMBLIES/](https://europeanclimate.org/a-tale-of-two-citizens-assemblies/)

# FAVELA PARAISOPOLIS, SAO PAULO, BRAZIL



FAVELA PARAISOPOLIS, SAO PAULO. PHOTO ROBERTO ROCCO

# Examples of citizen empowerment

Favela Paraisópolis came together to fight covid-19



**PHOTO BY JOSI MARTINS**

# Examples of citizen empowerment

Favela Paraisópolis came together to fight covid-19



**INHABITANTS OF PARAISÓPOLIS TAKE PART IN A TRAINING SESSION —PHOTO: GIVANILDO BASTOS**

# LESSONS LEARNED

- **(RE) Create a public sphere**
- **Solve conflicts**
- **Balance the powers in governance processes**
- **Increase accessibility to Public goods**
- **Potential for socio-spatial JUSTICE**

**Amartya Sen**  
**Nobel laureate**  
**Economist**  
**Philosopher**

**Public  
reasoning/  
Public  
justification**



**Government by  
discussion**





**New roles for planners and  
designers**



**What is your  
role?**



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**THANKS FOR LISTENING**

**Questions?**

**You can also write to [r.c.rocco@tudelft.nl](mailto:r.c.rocco@tudelft.nl)**