



# TOOLS4YOUTH MARKETPLACE



with Leyla, Cory, Maria,  
Aakash, & Riddhi





**United Nations**  
Framework Convention on  
Climate Change



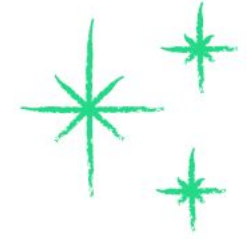
MINISTERO DELL'AMBIENTE  
E DELLA SICUREZZA ENERGETICA



***Strengthening the capacities of  
young people while recognizing  
their crucial role as  
capacity-builders in achieving  
ambitious climate action.***



# Are you ready for it?



United Nations  
Framework Convention on  
Climate Change

***Scan to learn more and  
access the online course!***



# Why do **Tools4Youth** matter?



**Leyla Hasanova**  
COP29 Presidency  
Youth Climate  
Champion



**Maria Paula  
Ribeiro Marques**  
Development Director,  
Youth4Nature



**Cory Witter**  
Executive Director,  
Youth Climate Lab



**Aakash Ranison**  
Author and  
Sustainability Advocate



# Becoming Changemakers for the Energy Transition and beyond

BinBin J. Pearce

Assistant Professor


Faculty of Technology, Policy and Management

Delft University of Technology, The Netherlands



**COP29**  
Baku  
Azerbaijan



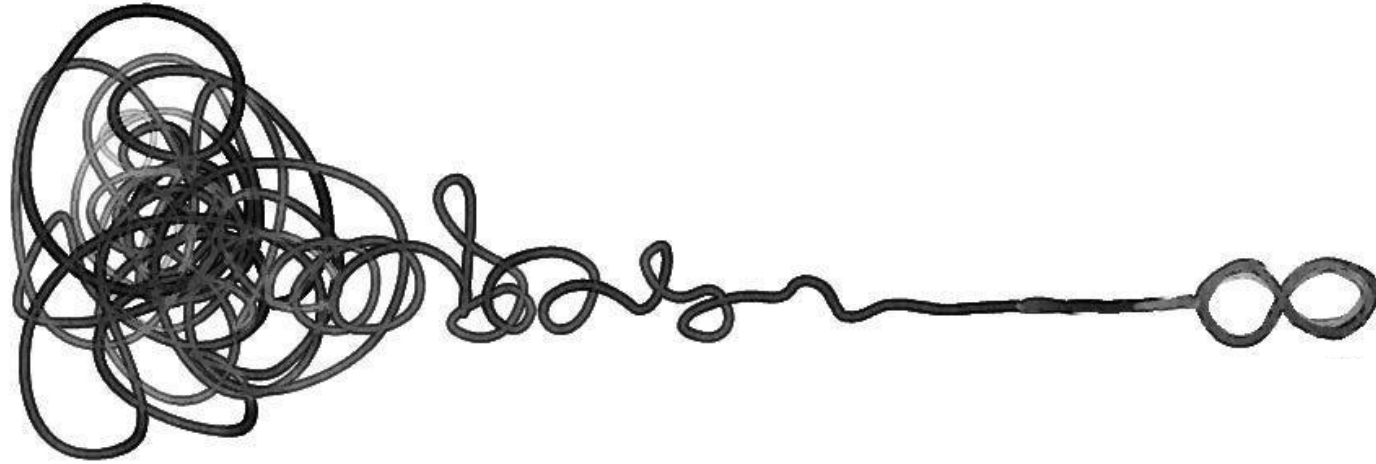


What is one change you want  
to make (in your own  
workplace/community)  
following COP 29?



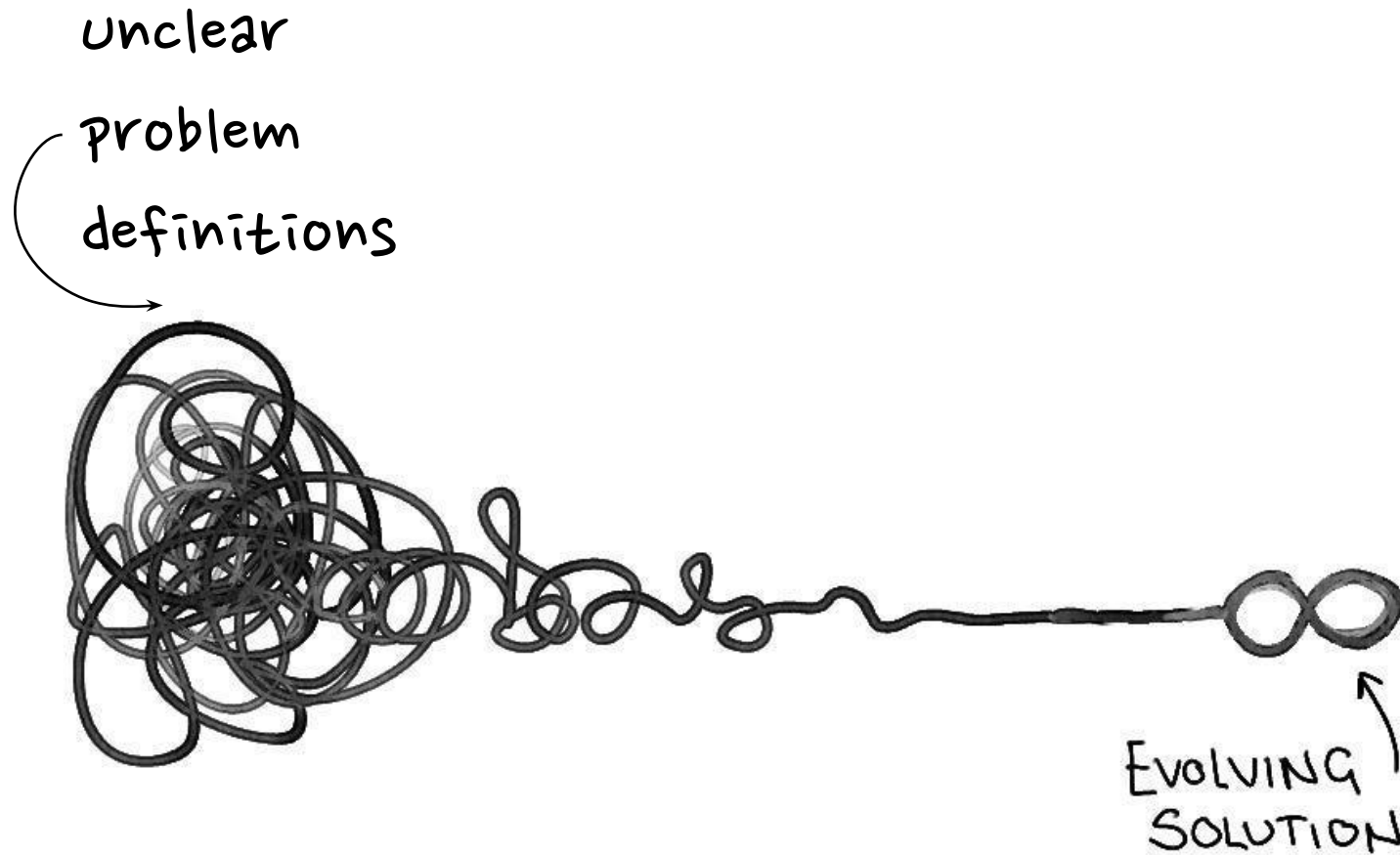
**What stops you?**

What might be the issue...





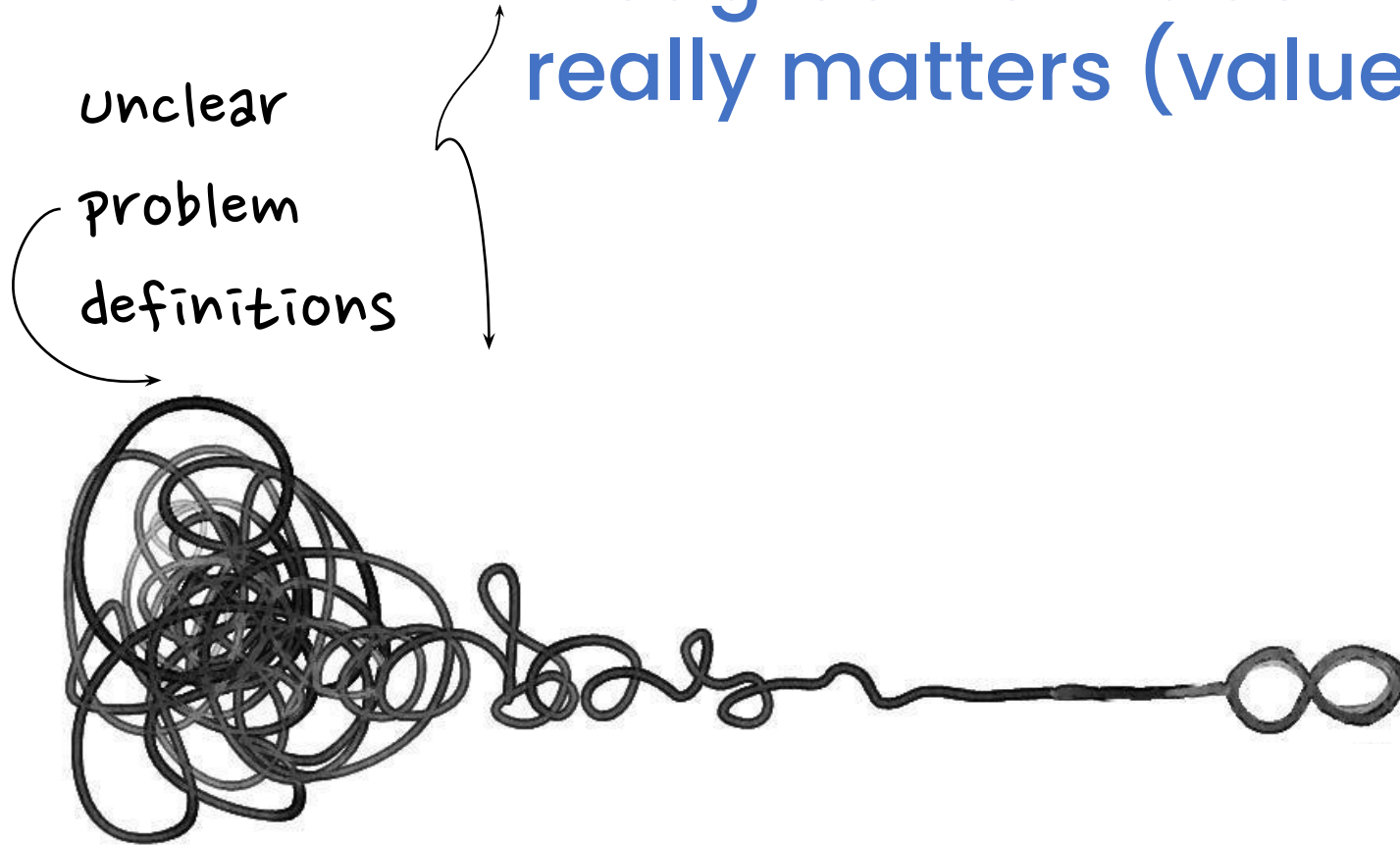
Complex  
and “wicked”  
problems  
feature:



Complex  
and “wicked”  
problems  
feature:

Disagreement about what  
really matters (values)

unclear  
problem  
definitions



**Raise your hand if you think  
climate goals need to be set  
by experts and we need to  
find ways to help everyone  
reach these goals.**

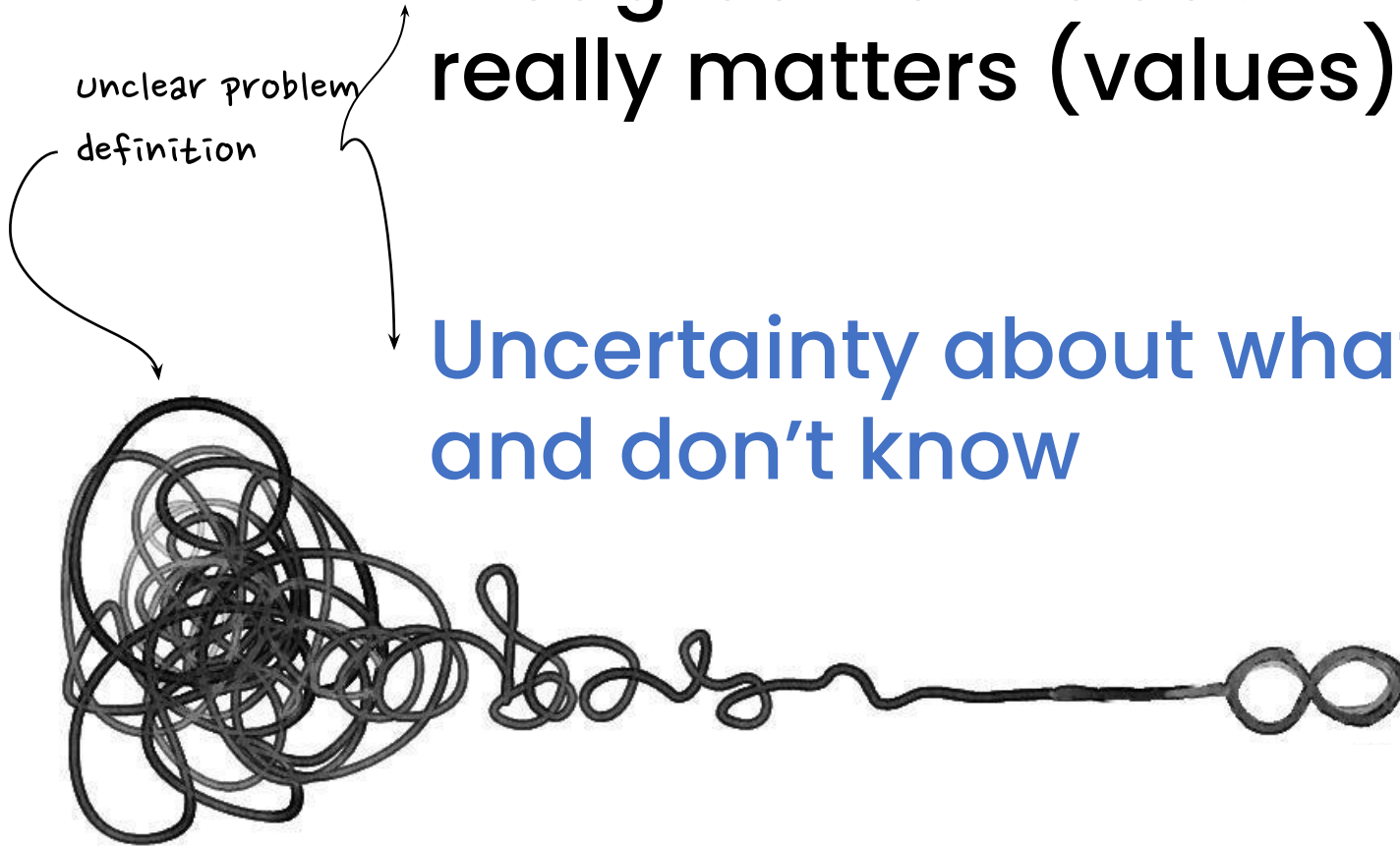
Raise your hand if you think  
we need a bottom-up  
approach where communities  
need to be supported to set  
their own targets.

Complex  
and “wicked”  
problems  
feature:

Disagreement about what  
really matters (values)

unclear problem  
definition

Uncertainty about what we know  
and don't know





**Raise your hand if you think  
effective change needs to  
start with the individual.**

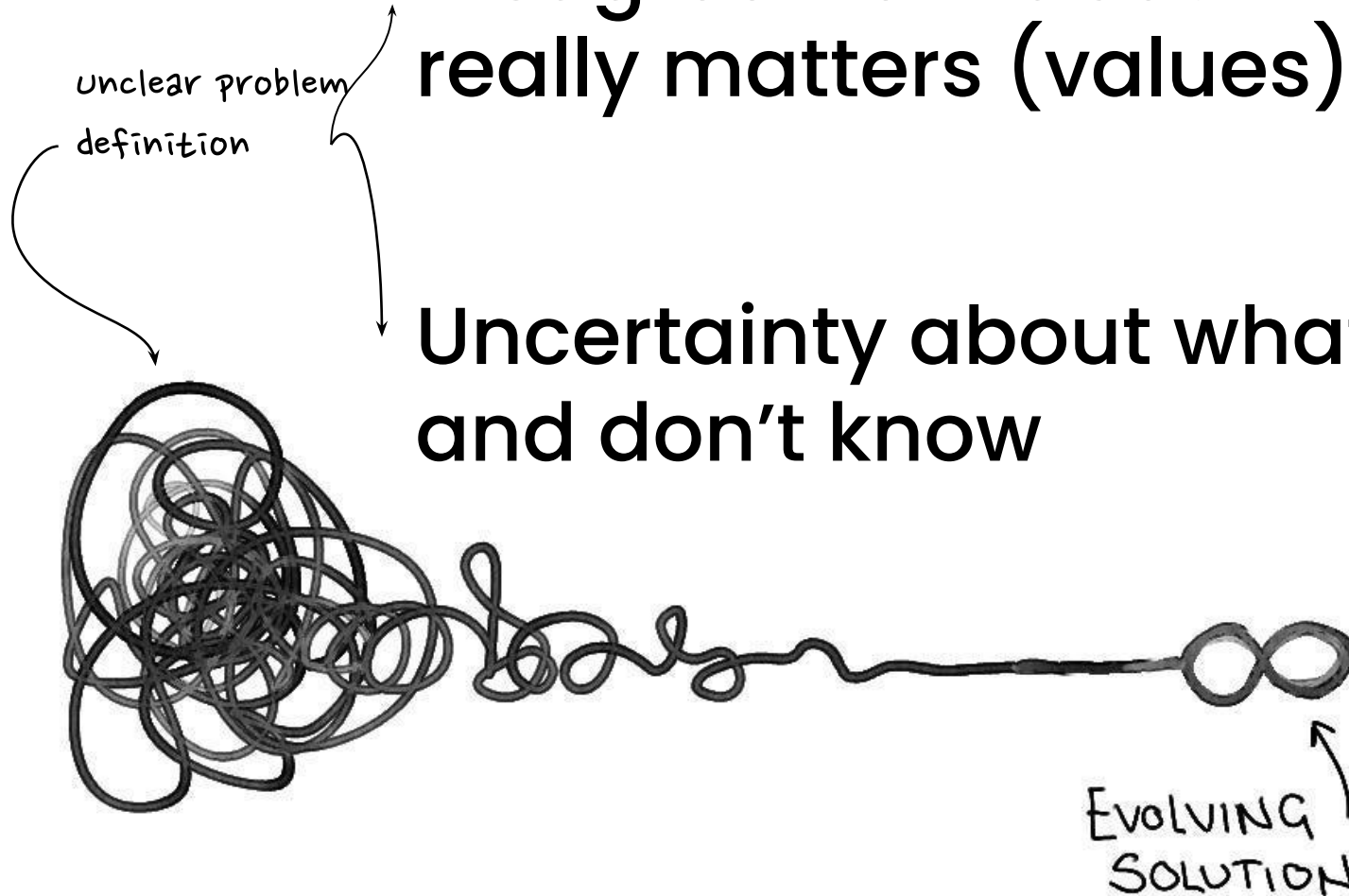
**Raise your hand if you think  
effective change needs to  
start with changing the  
system.**

Complex  
and “wicked”  
problems  
feature:

Disagreement about what  
really matters (values)

unclear problem  
definition

Uncertainty about what we know  
and don't know



Things  
change  
constantl  
v

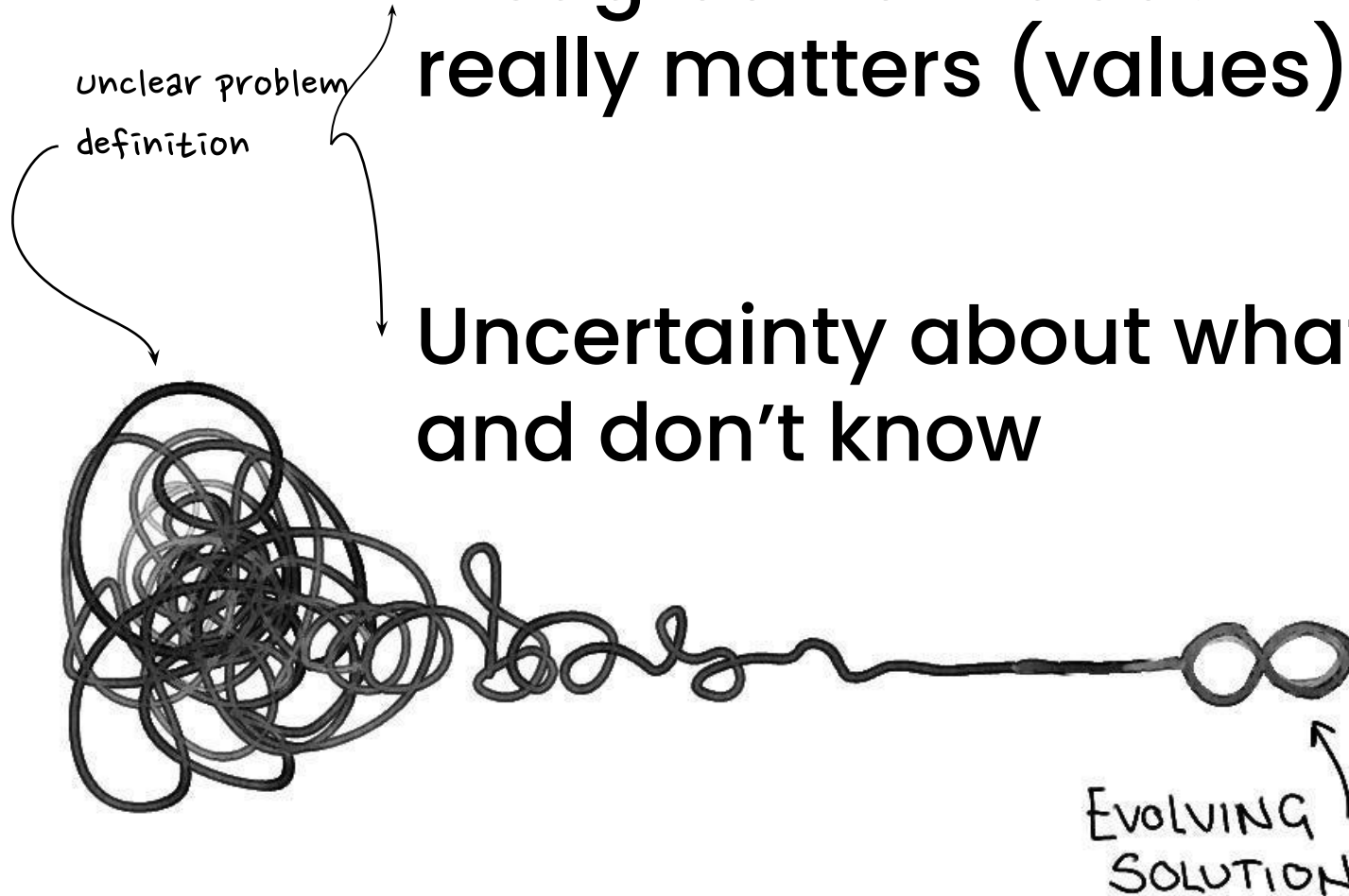
Raise your hand if you  
predicted that Trump would  
be elected again 1 year ago.

Complex  
and “wicked”  
problems  
feature:

Disagreement about what  
really matters (values)


unclear problem  
definition

Uncertainty about what we know  
and don't know



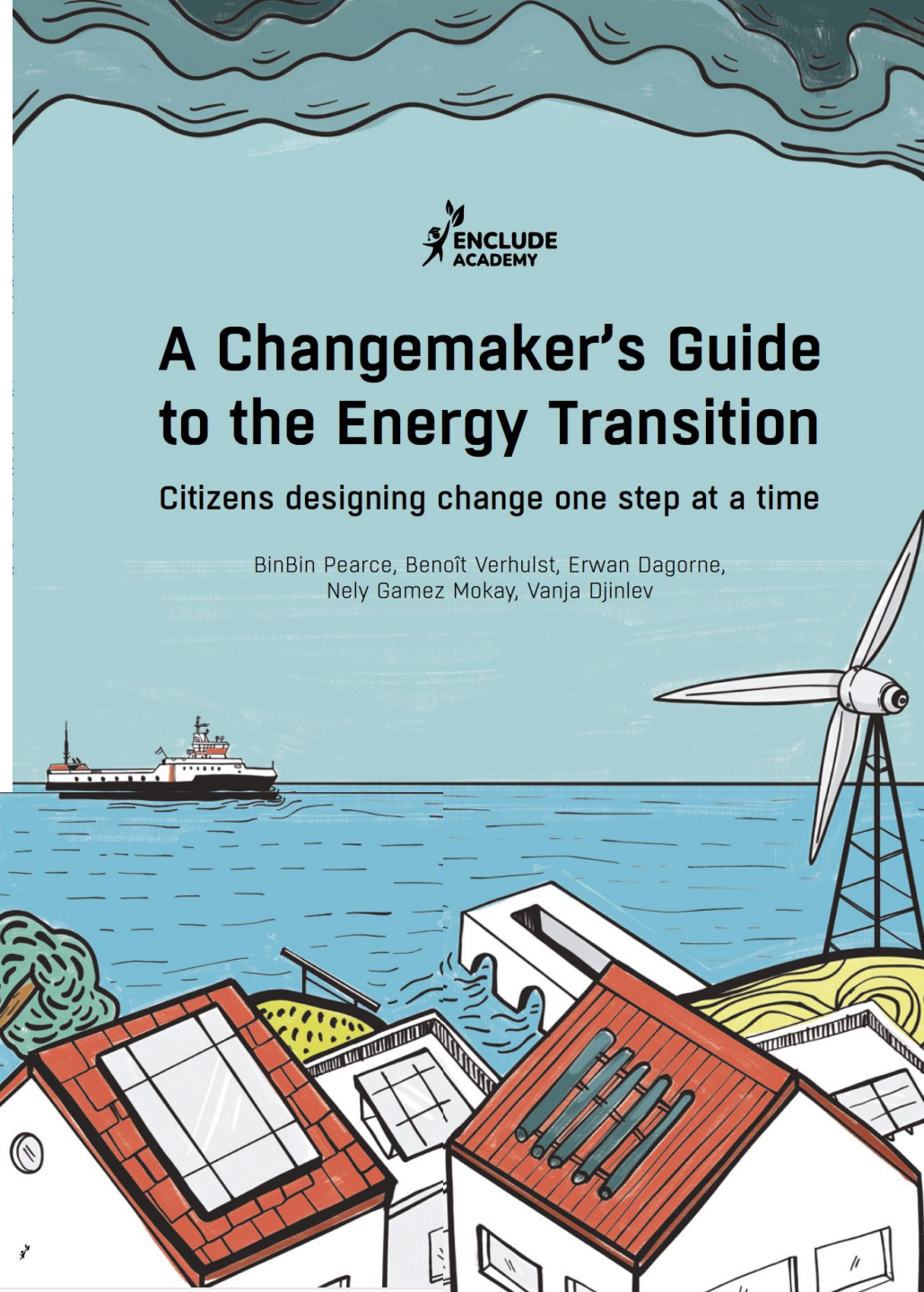
Things  
change  
constantl  
v





We don't see  
things as they  
are, we see  
things as we  
are.

**This** is the  
starting point for  
this Playbook





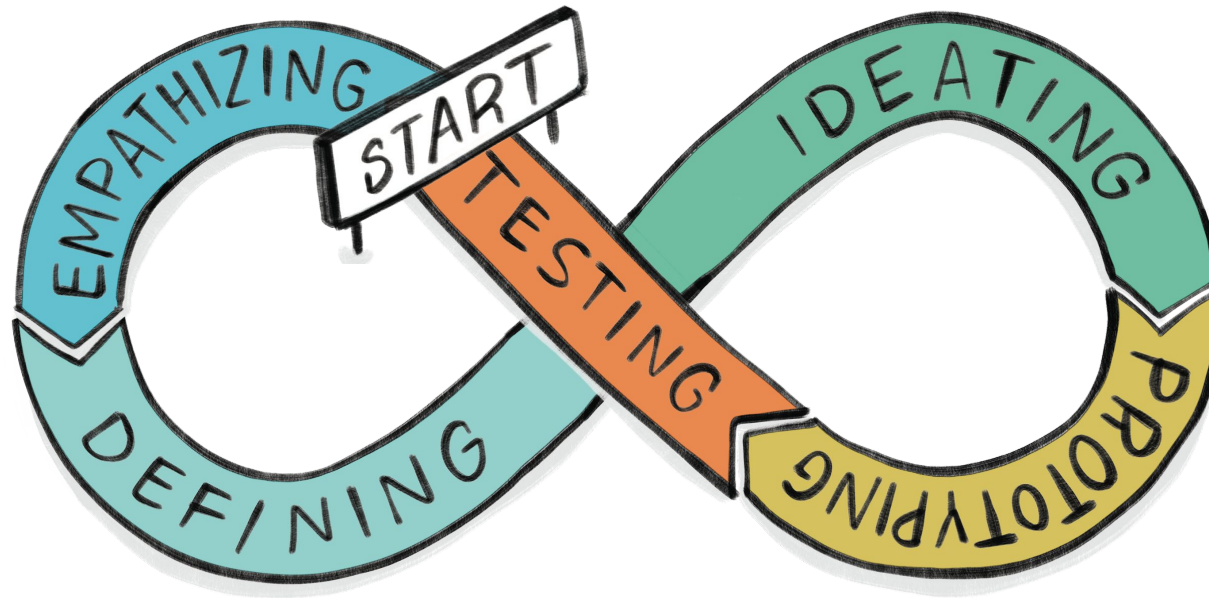
Start from your own  
perception of the problem

Act in recognition that  
this is one of many  
possible perceptions

Be patient

Try again.

# Playbook methodology – “Design thinking for systems transformation”





# ENERGY CITIZENSHIP PROJECT: BIOGAS PRODUCTION FROM ORGANIC WASTE IN RURAL SENEGAL.

**BRIEF PROJECT DESCRIPTION:**  
The aim is to produce biogas from organic waste as well as compost and/or biofertilizer for the local farmers. The project will be based upon the circular economy principle.



STEPHEN  
PENNELLS

SOULEYMANE  
MBAYE



27 APRIL 2023  
17:30- 19:00 CET.

# ENERGY CITIZENSHIP PROJECT: SUSTAINABLE AND AFFORDABLE ALTERNATIVE FOR CLEAN COOKING.

**BRIEF PROJECT DESCRIPTION:**  
After brainstorming and comparing all alternatives, the anaerobic digestion of biomass materials for biogas production stood out as the best solution.  
Therefore, in this project, I worked on the design of a sustainable and affordable alternative for clean cooking..



SHALOM  
IBOH

27 APRIL 2023  
17:30- 19:00 CET.

# ENERGY CITIZENSHIP PROJECT: DESIGN OF A MINI BIOGAS PLANT FOR HOUSEHOLD USE.

**BRIEF PROJECT DESCRIPTION:**  
The mini biogas technology adopts the use of fixed dome plants because it is cheap technology that can be adopted in rural areas and it's easy to construct.



SAM  
ODONG

20 APRIL 2023  
17:30- 19:00 CET.



Thanks for listening!  
[b.j.pearce-1@tudelft.nl](mailto:b.j.pearce-1@tudelft.nl)



Learn more about the playbook here:

<https://encludeproject.eu/sites/default/files/2024-06/20240606-ENCLUDE-Changemaker%27s-Guide.pdf>

Learn more about energy citizenship here:

<https://encludeproject.eu>





**United Nations**  
Framework Convention on  
Climate Change

**Navigate the UNFCCC process**

**&**

**Master the international climate negotiations**



**Online lesson comprising two modules.**

- **Module 1:** Overview of the United Nations Framework Convention on Climate Change Process
- **Module 2:** The Negotiations and Rules of Procedure of the Intergovernmental Climate Change Process

**Course modules**

**1. Introduction to the course**

- 1.1. Introduction to climate change and the UNFCCC process
- 1.2. The science behind it all (Research and Science)
- 1.3. Where we stand: the Global Stocktake

**2. Mitigation**

- 2.1. Nationally Determined Contributions (NDCs) and Long-Term Low Emission Development Strategies (LT-LEDS)
- 2.2. Mitigation Work Programme
- 2.3. Response Measures
- 2.4. Article 6 on Market and Non-market Mechanisms

**3. Adaptation**

- 3.1. Global Goal on Adaptation
- 3.2. Least Developed Countries
- 3.3. National Adaptation Plans
- 3.4. Loss and Damage
- 3.5. Local Communities and Indigenous Peoples Platform

**4. Transparency**

- 4.1. From the Measurement, Reporting and Verification system to the Enhanced Transparency Framework
- 4.2. Training programme for expert reviewers
- 4.3. Support to developing countries
- 4.4. Together4Transparency

**5. Climate Finance**

**6. Technology Mechanism**

**7. Capacity Building and Action for Climate Empowerment (ACE)**

**8. Just Transition**

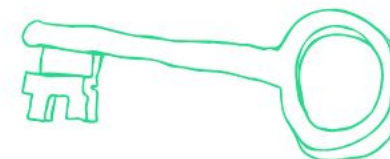
**9. Agriculture and Food Security**

**10. Gender**

**11. The Ocean**

**12. In Practice: How to Navigate the UNFCCC Website and App**

**13. Conclusion**

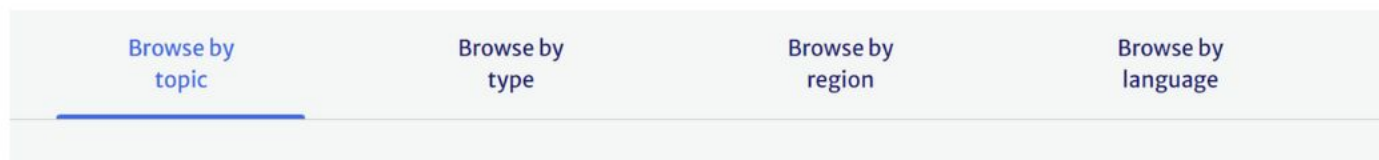


# Need more?

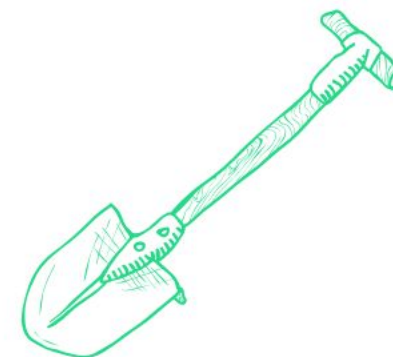


United Nations  
Framework Convention on  
Climate Change

- **Observer Handbook for COP 29**
- **Integrating Action for Climate Empowerment into Nationally Determined Contributions**
- **Good Practices for Integrating Action for Climate Empowerment into Nationally Determined Contributions**
- **Best Practices of Meaningful Youth Engagement in Climate Governance in Asia and the Pacific**
- **Youth and Climate Governance in Asia and the Pacific**
- **Operationalizing Article 6.2 of the Paris Agreement**
- **UNFCCC Capacity-building Portal showcases a range of tools, projects, courses, and other resources to enhance the capacity and ability of developing countries to respond to the challenges posed by climate change at national, regional and local levels.**



Explore our diverse range of topics







Funded by:

Ministry of Economic Affairs,  
Industry, Climate Action and Energy  
of the State of North Rhine-Westphalia



## Youth Pillar

**Empower young leaders to mobilize climate solutions at the city, regional and national levels, in support of Parties' efforts encouraged under the Paris Agreement.**

**Resources from regional and international activities are available on the website, such as, the discussion papers from the UNESCO-UNFCCC Webinar Series on education for social transformation.**



# Explore the **Tools4Youth** marketplace!

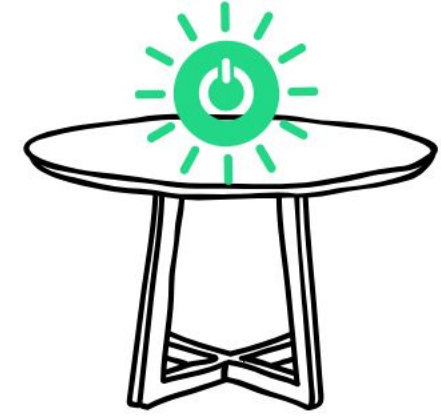
Facilitated by Hussein, Lydia, Chandelle, Ahmed, Karishma and Hailey



Climate and  
Environmental Literacy



Food, Agriculture, and  
Nature Assets



Sustainable Energy



Sustainable Consumption  
and Production



Nationally Determined  
Contributions

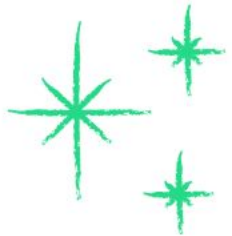






**COP29**  
Baku  
Azerbaijan

***Sign up to our  
newsletter!***



**United Nations**  
Framework Convention on  
Climate Change



MINISTERO DELL'AMBIENTE  
E DELLA SICUREZZA ENERGETICA



**CONTACT:**

**Youth4Capacity@unfccc.int**

***Learn more  
about our work!***

