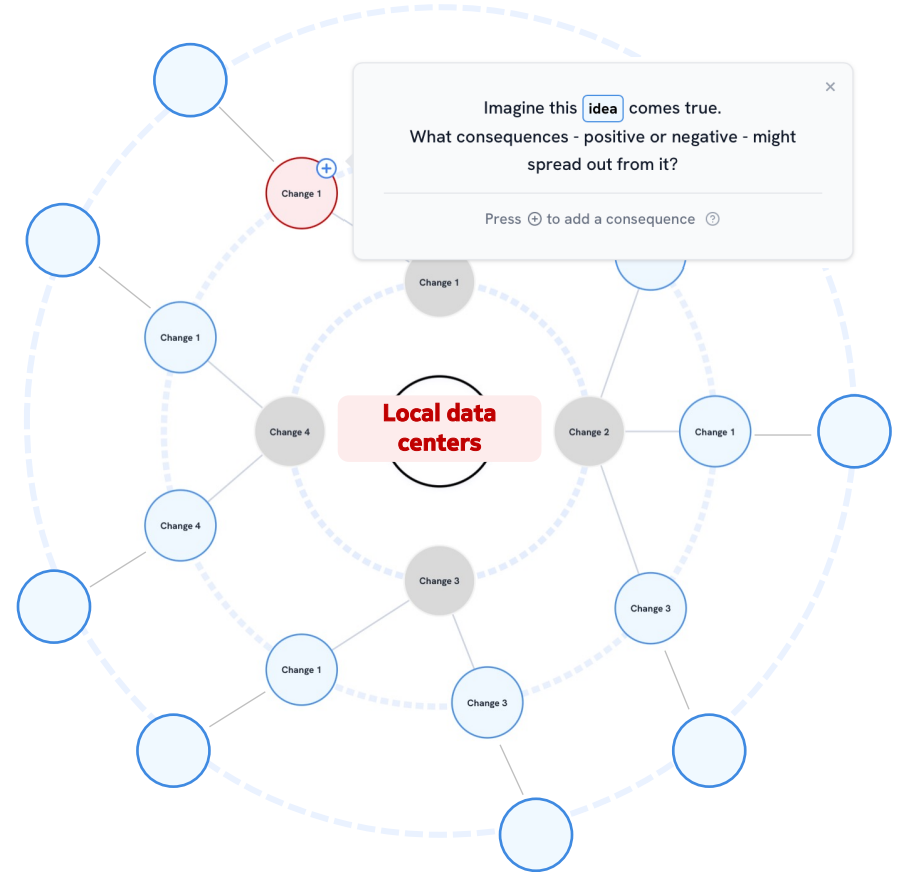
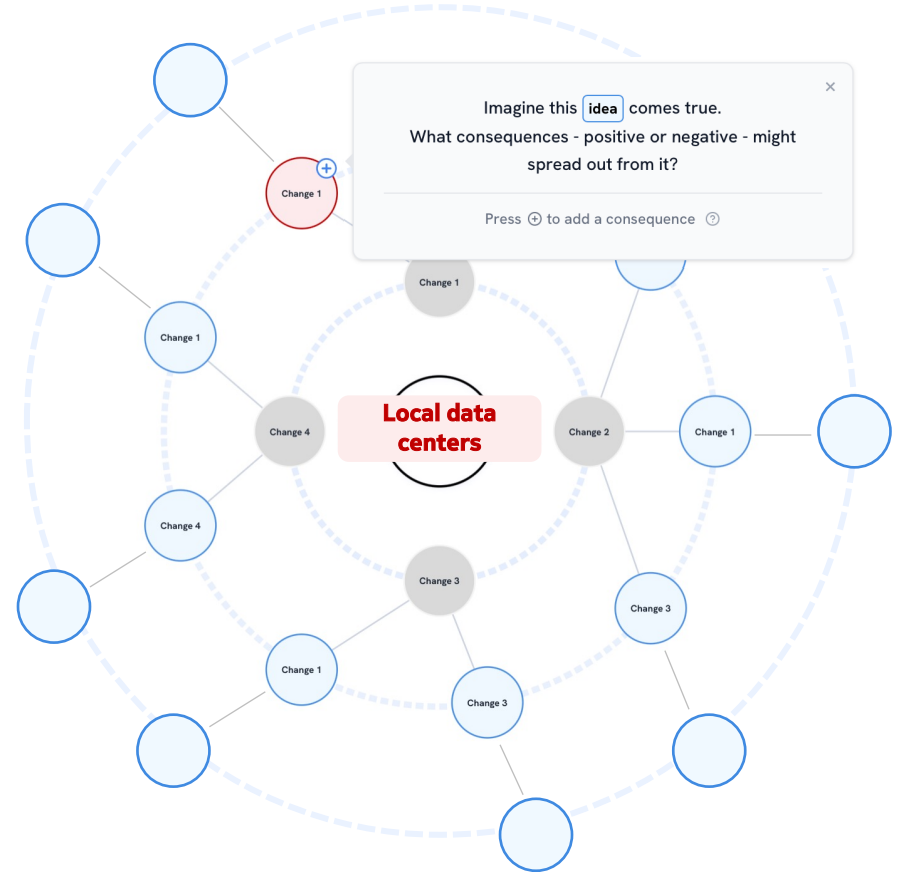


# Data centers impact assessment with strategic foresight method



# What are we doing today?

- We will explore possible consequences of **four data center scenarios** using a strategic foresight method called **the Futures Wheel**
- The goal of the method is not to predict the future, but to imagine as many **potential risks** as possible across 3 layers of the wheel



# Session agenda

~45-50min

**Step 1:** Registering group members (5 min) – Survey 1

**Step 2:** Assigning data centers scenarios to groups (5 min)

**Step 3a-d:** Imagining consequences of the scenarios with the Futures Wheel (25 min)

**Step 4:** Assessing the likelihood and impact of selected consequences (10 min)

**Step 5:** Reflecting on the scenarios (5 min) – Survey 2

# Step 1: Registering group members (5 min)

Please register **all group members individually** using this link:

<https://tinyurl.com/our-members>

1 2 3

### About you

How old are you?

Under 20  20-24  25-29  30+

What is your gender?

Man  Woman  Non-binary  Prefer not to say

Where did you grow up?

Europe  Asia  Americas  Africa  Middle East

Oceania  Other

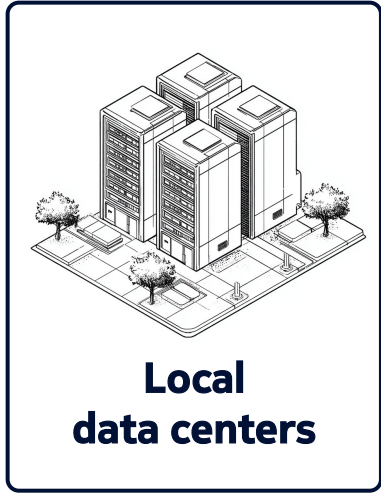
How often do you use AI tools (e.g. ChatGPT, Copilot, image generators)?

Never  Occasionally (a few times a month)  Weekly  Daily

Have you ever worked on a project involving AI?

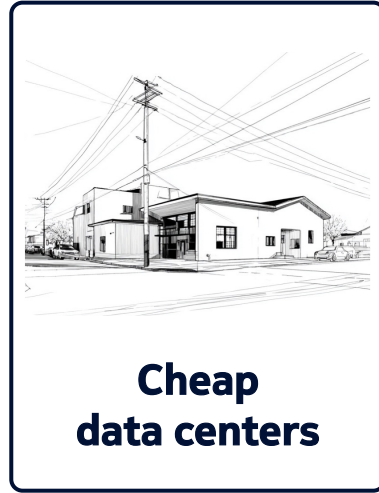
Yes  No

## Step 2: Assigning data centers scenarios (5 min)



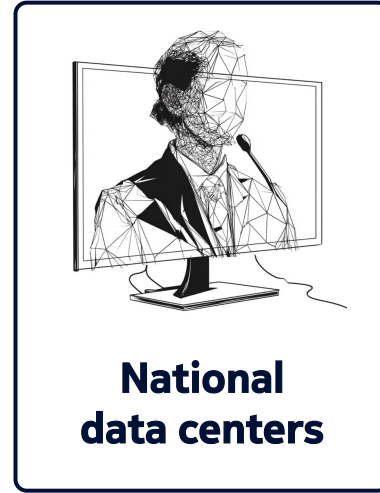
Every municipality runs its own AI data center

→ Group ?



Poor communities accept data centers for quick money

→ Group ?



Governments decide where data centers go, with no say from locals

→ Group ?



A few powerful nations own and control other countries' data centers

→ Group ?

# Step 3a: Imagining consequences of the scenarios with the Futures Wheel (2 min)

1) Go to **brainstorming.social-dynamics.net**

- Select **“Futures Wheel”** in the main menu
- Select **”Create Your Own Scenario”**

2) Type your AI scenario name in the box:

- **Local** data centers
- **Cheap** data centers
- **National** data centers
- **Foreign** data centers

## 1 Choose or Create Your Scenario

Method: Futures Wheel [Change method](#)

Click to select a scenario

+ Create Your Own Scenario

Which AI scenario would you like to explore?

2

Describe your AI scenario

e.g., Local data centers

0/32 characters

Press Enter to confirm, Esc to cancel

✓ Confirm

✗ Cancel

## Step 3b: Imagining consequences of the scenarios with the Futures Wheel (25 min)

Follow the instructions on the screen

You will keep adding your ideas as bubbles, one by one



**Local data centres**

Think about at least three things that could happen if this scenario comes true.

[Next >](#)

## Step 3c: Imagining consequences of the scenarios with the Futures Wheel (25 min)

- Complete **three rounds** of adding ideas:

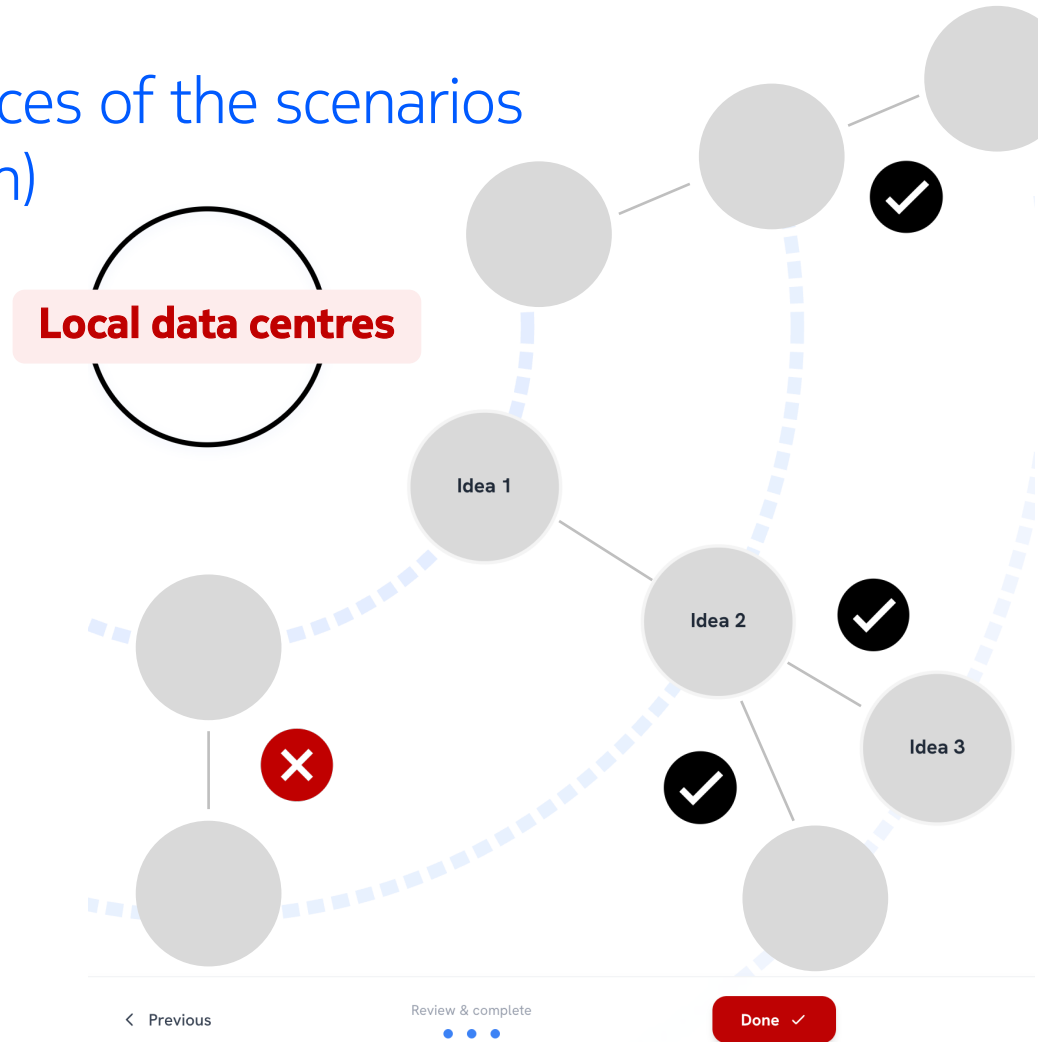
Imagine this  comes true. ×

What consequences - positive or negative - might spread out from it?

---

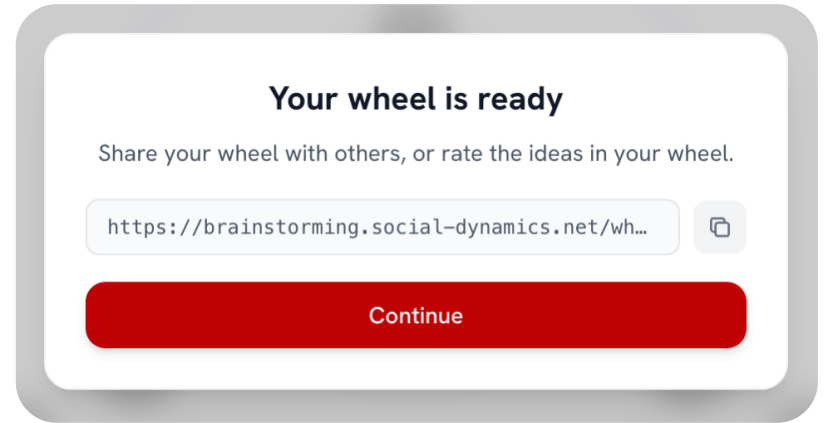
Press ⊕ to add a consequence ?

- Add **2-4 ideas on the first layer**
- To finish the wheel, you will need **at least 3 complete chains** of 3 linked ideas (with at least 1 idea per layer)
- Click **“Previous”** to move between the second and third layer of the wheel
- Click **“Done”** to finish the wheel



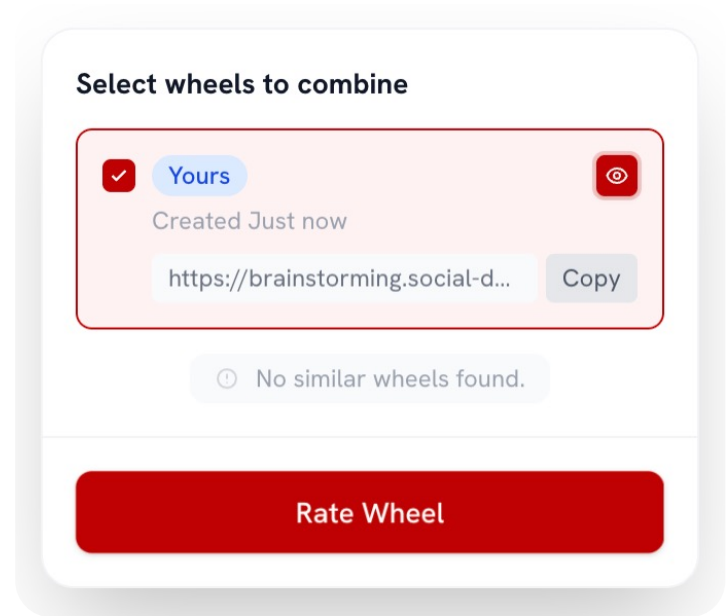
## Step 3d: Imagining consequences of the scenarios with the Futures Wheel (2 min)

- **Copy your groups' link,**  
e.g., <https://brainstorming.social-dynamics.net/wheels/k0FQPkOJRM38lq4i>
- **Save it** in your notes or paste it into another web tab – each of you will need it again for the final survey!
- When ready, click **“Continue”**



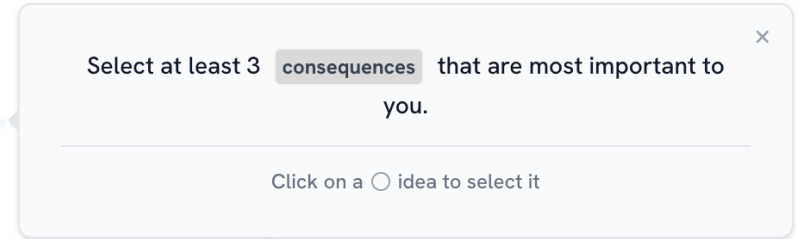
## Step 4a: Assessing the likelihood and impact of consequences (1 min)

- You will now see a pop-up box in the top-right corner
- Press **“Rate Wheel”**



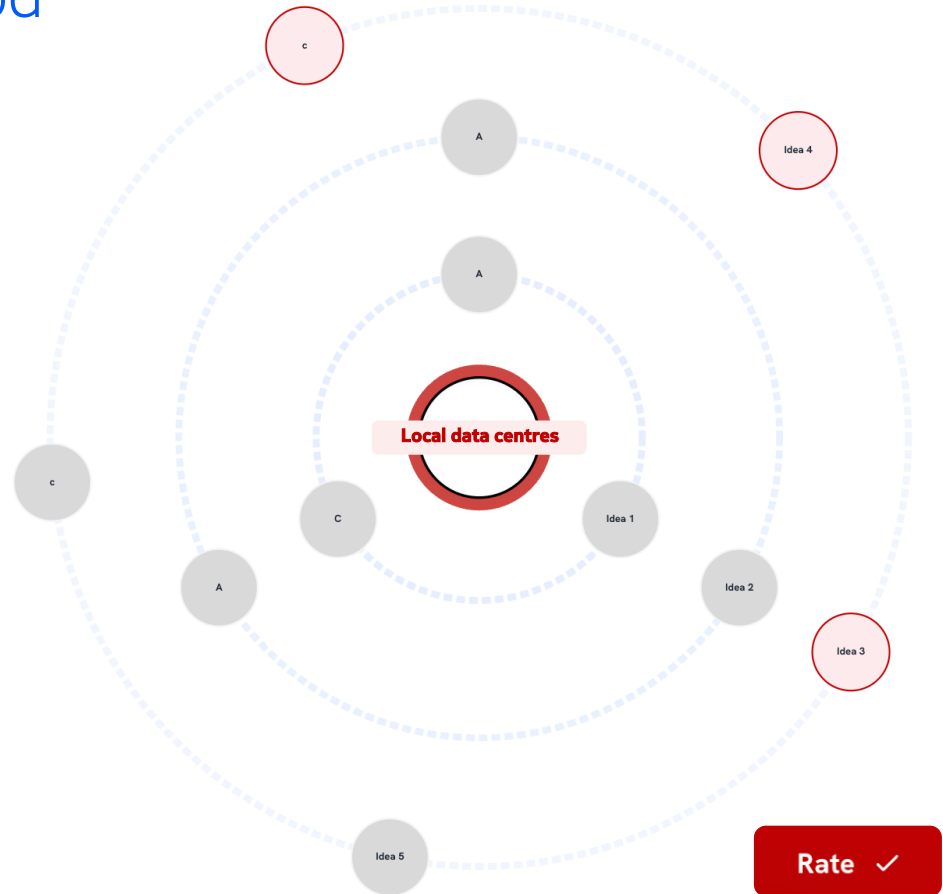
## Step 4b: Assessing the likelihood and impact of consequences (5 min)

Click on the bubbles to select **3 risks** that are most important to your group

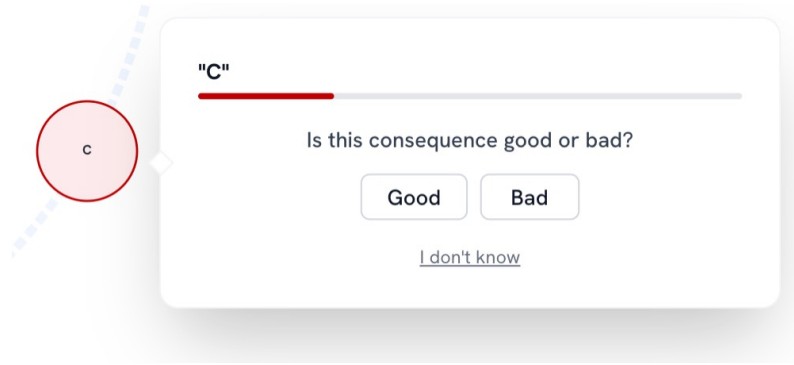


# Step 4c: Assessing the likelihood and impact of consequences (1 min)

When done, press **“Rate”**



# Step 4d: Assessing the likelihood and impact of consequences (10 min)



"C"

Is this consequence good or bad?

Good Bad

I don't know

Rate each **risk**

How likely is this consequence?

- Very unlikely
- Unlikely
- Neutral
- Likely
- Very likely

How severe is this threat?

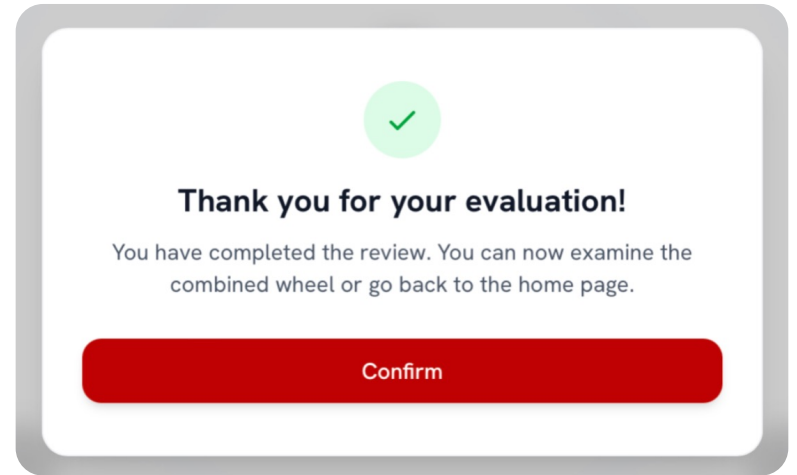
- Insignificant
- Minor
- Moderate
- Major
- Significant

How easy is it to mitigate this?

- Very difficult
- Difficult
- Neutral
- Easy
- Very easy

## Step 4e: Assessing the likelihood and impact of consequences (1 min)

Click **“Confirm”** to save your wheel



# Step 5: Reflecting on the scenarios (10 min)

How did **you** feel about the session?

Get your Future Wheel **link** ready!

Please answer **individually** using this link:

**<https://tinyurl.com/scenario-summary>**

## Bye, Data Center Forecasters!

We're excited to hear about your experience today.

1. **Please enter the name of your group:**

Enter your answer

2. **Please enter all student IDs of your group members, separated by commas:**

e.g., 1234, 5679

Enter your answer

3. **Please paste the link to your group's Futures Wheel: \***

Enter your answer



# The end

Thank you for sharing your ideas