



SIMULATION GAME **CLIMATE-NEUTRAL CITY**

Warm-Up/Preparation

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**Bildungsnetzwerk
China**
德中教育交流中心

**GOETHE
INSTITUT**

Sprache. Kultur. Deutschland.

TODAY'S AGENDA AND GOALS

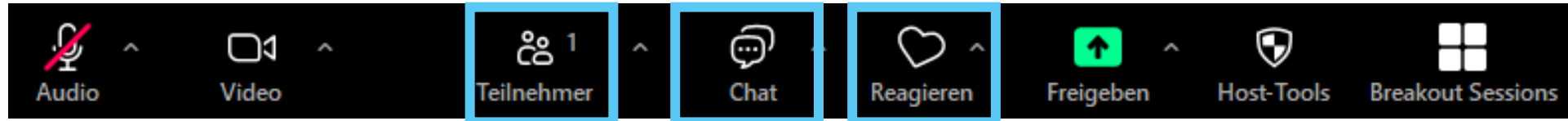
Together we are preparing for the simulation game “Climate-neutral city”:

- Get to know each other
- Dive into the topic of sustainability
- Set rules of conduct and argumentation
- Check the technical setup
 - Zoom
 - Senaryon

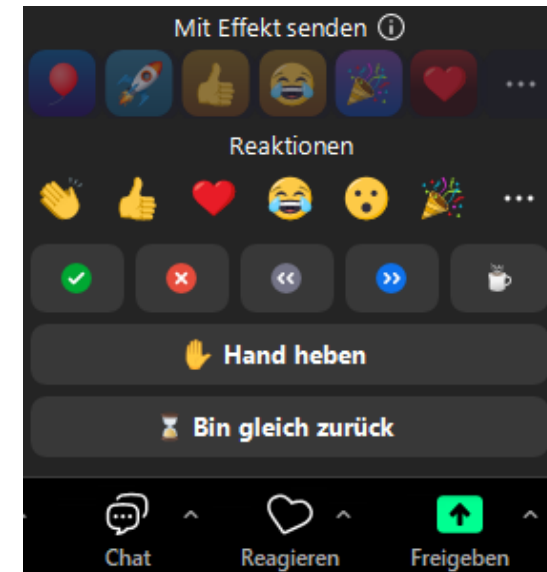
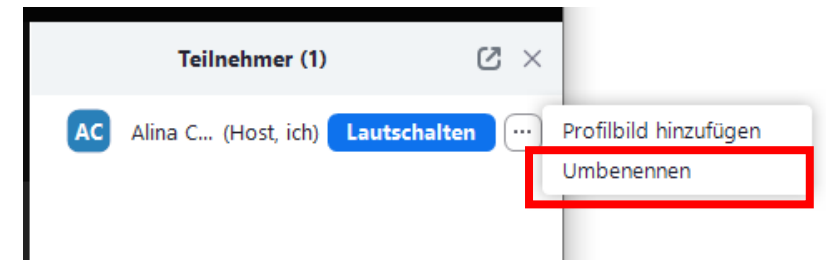


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ZOOM -CHECK



- Please keep your microphones muted when you are not speaking.
- Please keep your videos on.
- Please rename yourselves: **First name_last name**
- For comments, you can write in the **chat**.
- If you want to say something **raise your hand**.
- For questions or other emotions, you can use the **"Reactions"** function with emojis (e.g., thumbs up, raise hand, heart).
- **How are you feeling right now? Use the emojis in the reactions function!**



I. SUSTAINABILITY

SUSTAINABLE DEVELOPMENT GOALS (SDGs)

The SDGs are 17 goals established by the United Nations to promote sustainable development worldwide by 2030. They address social, economic, and environmental issues.

- SDG 11 and SDG 13 are particularly relevant to our simulation game "Climate-Neutral City".



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WHICH TARGET IS MOST IMPORTANT TO YOU?

Write the number in the chat, e.g. "11.5" or "13.2"



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SDG 11 /13 - SUSTAINABLE CITIES AND COMMUNITIES



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SDG 11 - SUSTAINABLE CITIES AND COMMUNITIES

TARGET 11.2



AFFORDABLE AND
SUSTAINABLE
TRANSPORT SYSTEMS

TARGET 11.4



PROTECT THE WORLD'S
CULTURAL AND NATURAL
HERITAGE

TARGET 11.5



REDUCE THE ADVERSE
EFFECTS OF NATURAL
DISASTERS

TARGET 13.1



STRENGTHEN RESILIENCE
AND ADAPTIVE CAPACITY
TO CLIMATE RELATED
DISASTERS

TARGET 13.2



INTEGRATE CLIMATE
CHANGE MEASURES INTO
POLICIES AND PLANNING

TARGET 13.3



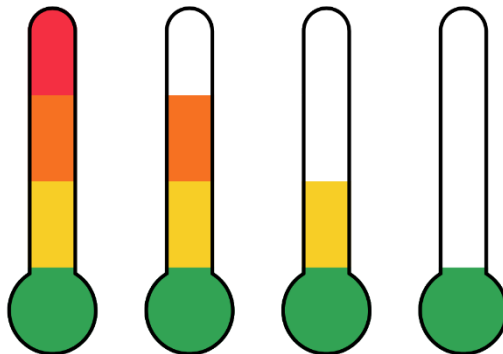
BUILD KNOWLEDGE AND
CAPACITY TO MEET
CLIMATE CHANGE



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KNOWLEDGE QUIZ: IS THE STATEMENT TRUE OR FALSE?

We are about to present various statements that relate to climate protection in a city - use the "raise your hand" function if you think the statement is true.

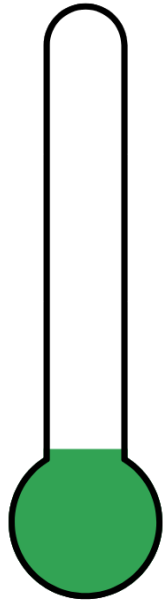


I. IS THIS STATEMENT TRUE? (RAISE YOUR HAND)

“Converting city buses to electric buses can significantly reduce air pollution in cities.”



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TRUE!

Shenzhen's buses were completely electrified in 2017, reducing CO2 emissions since then by about 440,000 tons* per year.

**Statistics from Shenzhen Bus Group*



© Shenzhen Special Zone Daily



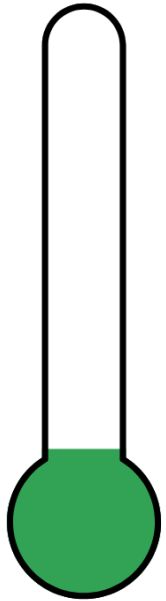
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II. IS THIS STATEMENT TRUE? (RAISE YOUR HAND)

"Planting trees in urban areas helps cities absorb CO₂ (Carbondioxid) and reduce temperatures."



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TRUE!

City trees absorb CO₂, store it, and provide shade, which helps cool cities, especially during heatwaves.



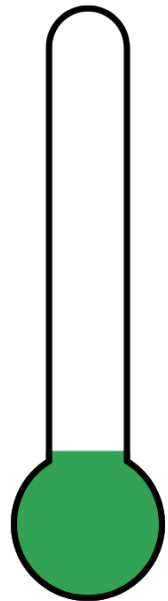
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IV. IS THIS STATEMENT TRUE? (RAISE YOUR HAND)

"Solar panels are only useful in warm, sunny cities and not in cloudy regions."



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FALSE!

Solar panels also generate electricity on cloudy days, and many countries with temperate climates successfully use solar energy.



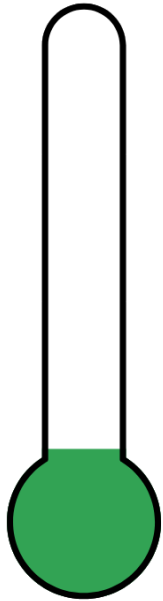
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V. IS THIS STATEMENT TRUE? (RAISE YOUR HAND)

"Expanding bike lanes in cities has been proven to reduce CO₂ emissions as fewer cars are used."



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TRUE!

Freiburg has achieved a significant reduction in emissions compared to cities with high car traffic, thanks to its well-developed network of public transport and bike lanes.



©www.innenstadt.freiburg.de



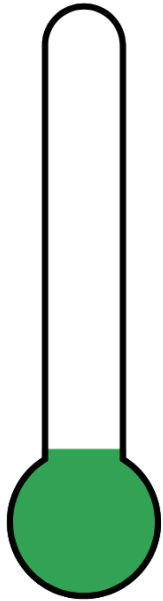
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VI. IS THIS STATEMENT TRUE? (RAISE YOUR HAND)

"The introduction of car-free zones in city centers mostly leads to a decline in local economic activity."



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FALSE!

The car-free zone around Jungfernstieg in Hamburg has not caused economic harm but has instead increased its attractiveness for pedestrians and tourists.



©moka-studio, www.hamburg.de



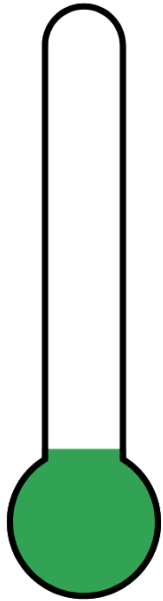
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VII. IS THIS STATEMENT TRUE? (RAISE YOUR HAND)

"Encouraging citizens to recycle plastic instead of using single-use items will make a city climate neutral."



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TRUE AND FALSE!

From 2010 to 2020, China recycled 170 million tons* of used plastics, which is equivalent to a reduction of 510 million tons of crude oil consumption or 61.2 million tons of CO₂ emissions.

*Statistics from www.cfgw.net.cn

Although recycling plastic significantly reduces CO₂ emissions and resource use, it alone cannot make a city climate neutral. Achieving climate neutrality requires addressing all major sources of emissions, such as **energy**, **transportation**, and **urban planning**.



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II.

WORD CLOUD

SUSTAINABILITY

BUILDING/LAND USE

LIVING – PARKS – SOCIAL HOUSING - INDUSTRIAL
AREAS...

Scan the QR-Code with your phone and write down
3 words you have in your mind.

Mentimeter QR-Code



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TRAFFIC

CARS – PUBLIC TRANSPORTATION – BIKES...

Scan the QR-Code with your phone and write down
3 words you have in your mind.

Mentimeter QR-Code



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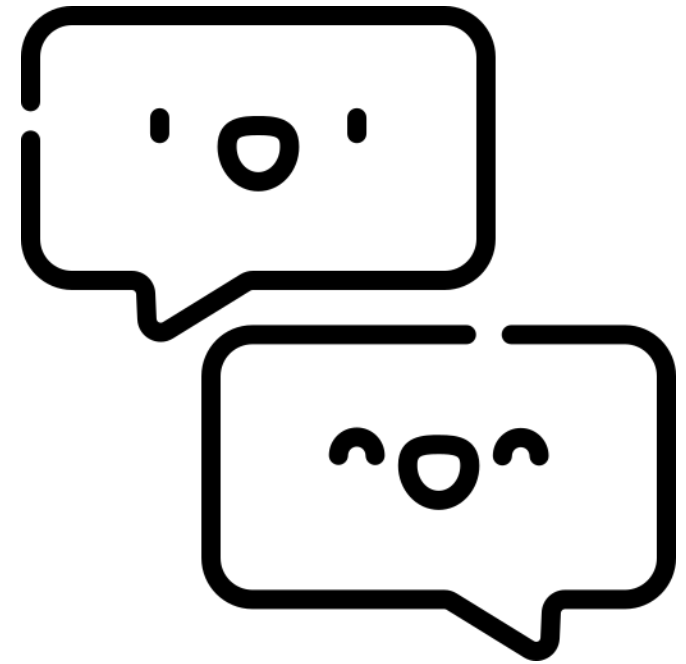
II.

WORD LIST

III. GETTING TO KNOW EACH OTHER

SPEED-DATING

- You will receive some questions in the zoom chat.
- You will land in a breakout room with another person.
- Use the questions to get to know each other better!



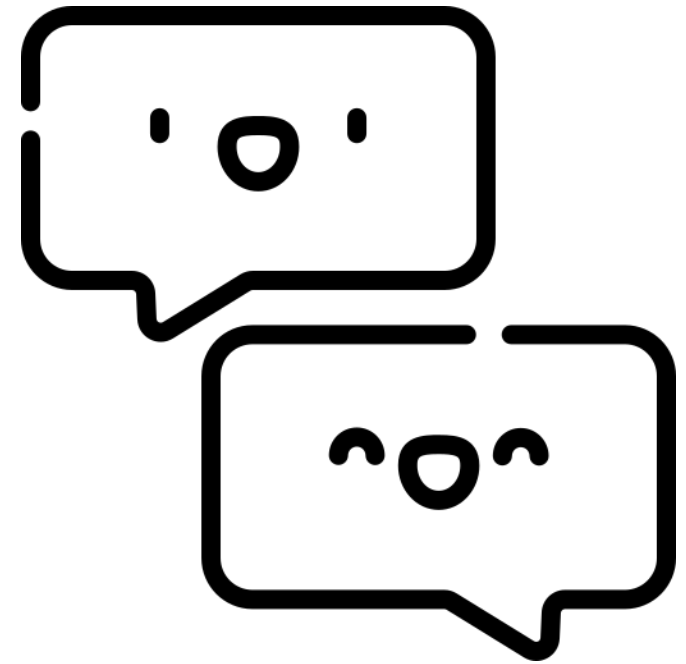
SPEED-DATING

Zwei Runden schnelles Kennenlernen

2 mal 3,5 min

Die Fragen werden in Zoom-Chat geschickt

1. What does a typical day in school/college look like?
2. What is your favorite place in your home?
3. What is your favorite food?
4. What is your favorite subject in school/college?
5. What activities make you happy?
6. What do you like to do on vacation?
7. Do you have pets at home?
8. Do you have sisters or brothers?
9. Do you like playing video games and online games?



BINGO!

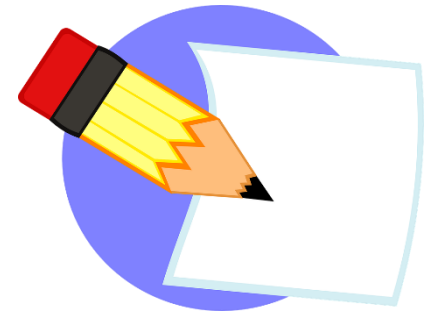
has ridden a bicycle to another city. Name:	... prefer to live in cities. Name:	... hat a birthday the same month as you. Name:
tries to reduce water use or energy use in everyday life Name:	... eats more vegetable than meat. Name:	... can speak a sentence in your partner 's language. Name:
... hat plants in room. Name:	... has bought a second-hand product or has given away or sold an old item once. Name:	... walks to school every day. Name:

The Bingo card looks like...



HOW TO PLAY THIS BINGO?

1. You receive a Bingo card in the Zoom chat
2. You will first be sent to a breakout room with another person
3. Ask questions from the Bingo card. If what your partner says meets a question, write down the person's name under this question.
4. You can only write down one name once in a room.
- 5. You must proactively move between different rooms** and talk to other people.
6. Once you complete a row (horizontal, vertical, or diagonal), return to the main room and send „Bingo!“ in the chat.
7. After 15 minutes, everyone will come back to see how many names you've collected.



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HOW TO PLAY THIS GAME?

has ridden a bicycle to another city.	... prefer to live in cities.	... hat a birthday the same month as you.
Name: xyz	Name: xyz	Name: xyz
tries to reduce water use or energy use in everyday life	... eats more vegetable than meat.	... can speak a sentence in your partner 's language.
Name:	Name: xyz	Name: xyz
... hat plants in room.	... has bought a second-hand product or has given away or sold an old item once.	... walks to school every day.
Name:	Name:	Name: xyz



WHO WINS?

Who was the first Bingo?

Who has finished 4 questions?

Who has finished 9 questions?



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IV.

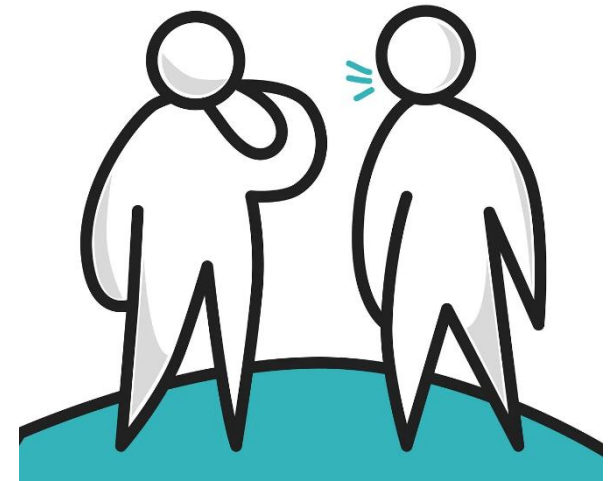
WARM-UP FOR DISCUSSION

WARM-UP FOR DISCUSSION

What has been your own experience about discussions?

Share in the group with other...

- When was your last discussion?
- Who did you discuss with and what was the topic?
- What was the result?



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GROUP WORK: OUR RULES AND STRATEGIES

- You will be in a group of four or five.
- Review the tasks on the **Miro board**, discuss and write discuss and write your answers on the **Miro board (next slide)**.
 1. *What makes a good discussion? / What makes a discussion difficult?*
 2. *What would I do/say/prepare for the following situations?*
- Keep an eye on the time! A suggested time limit has been set for each task.



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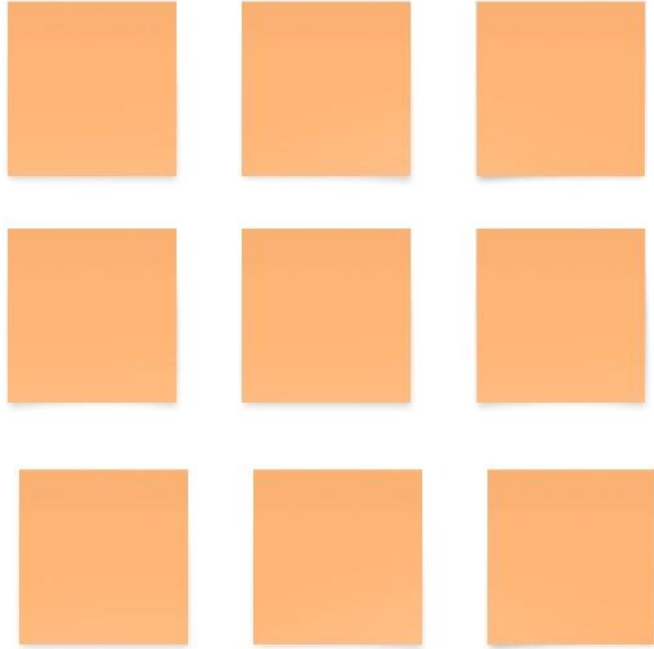
If I want to talk to a person who is talking to other people...



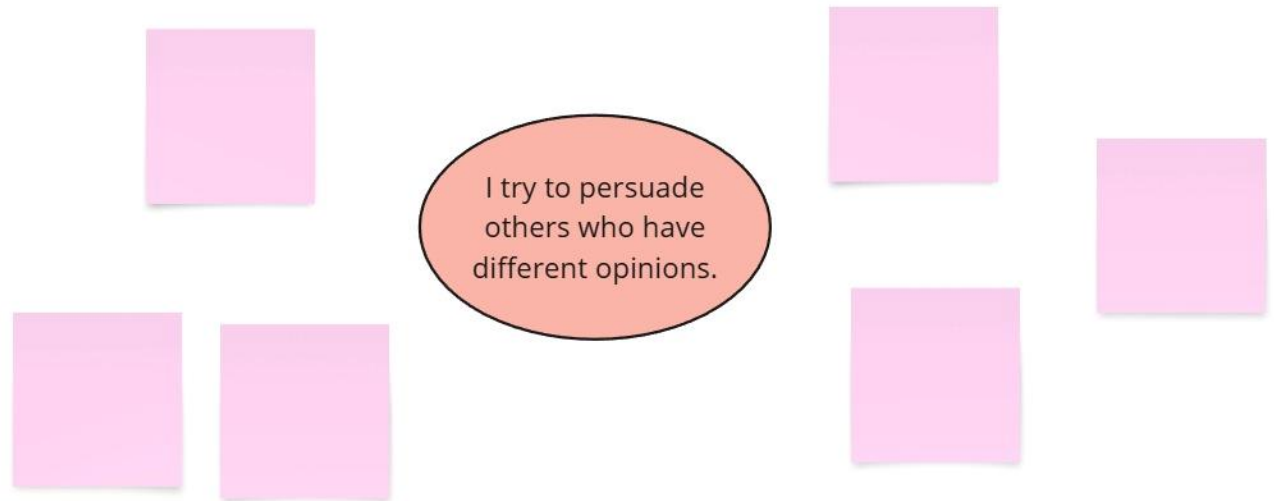
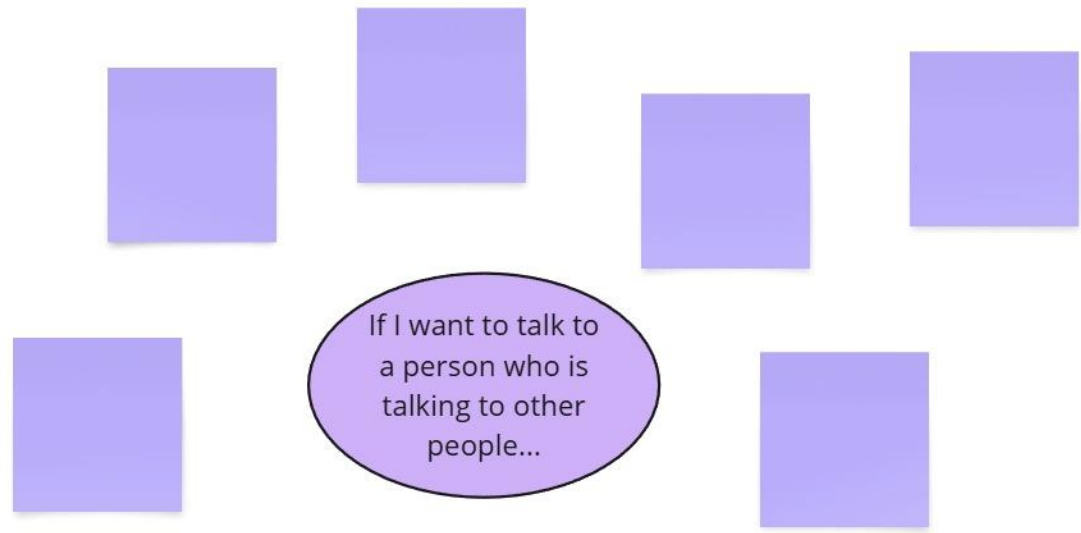
I try to persuade others who have different opinions.

You have totally **11** minutes to discuss these questions.

1.What makes a discussion difficult?



**2.What would I do/say/in those situations?
How should I prepare for it?**



V. IMPORTANT INFORMATION BEFORE STARTING

HOW DOES THE GAME WORK?

You live in a challenge!

In the game, you'll read a lot of information, about the background, roles and tasks. You need to think and research independently and discuss with members of your group, to develop your course of action together.

In addition, you will initiate negotiations with other groups representing the interest of your group.

NOTICE: Think, act and play in your role!



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PREPARATION

Equipment

- 1 Computer/Laptop per Person
- Headsets (Earphone and microphone)
- Zoom in latest version
- A stable internet connection
- Browsers in latest version, like Chrome, Edge, Firefox or Safari

Others

- Water and snacks
- Name card for the roles
- Passion and courage



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PLATFORM FOR OUR SIMULATION GAME:

SENARYON



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REGISTER FOR THE GAME

[https://games.senaryon.com/
register](https://games.senaryon.com/register)

Signup Key: _ _ _ _

Name: Please use your **true name**

E-Mail and password:

Please save this data and use it for the official game.

Please read and accept the terms of service and privacy statement.

Sign up at Senaryon

Enter your details below

LOG INREGISTER

Please enter your Signup Key:

e.g. C4R7

Name (not role name)

E-mail address

Confirm E-Mail address

Password

Confirm password

Preferred language

English

I agree to the [Terms of Service](#) and acknowledge the [Privacy Statement](#).

Remember me

Next



ARE THERE ANY QUESTIONS?....



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THANK YOU SO MUCH!



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