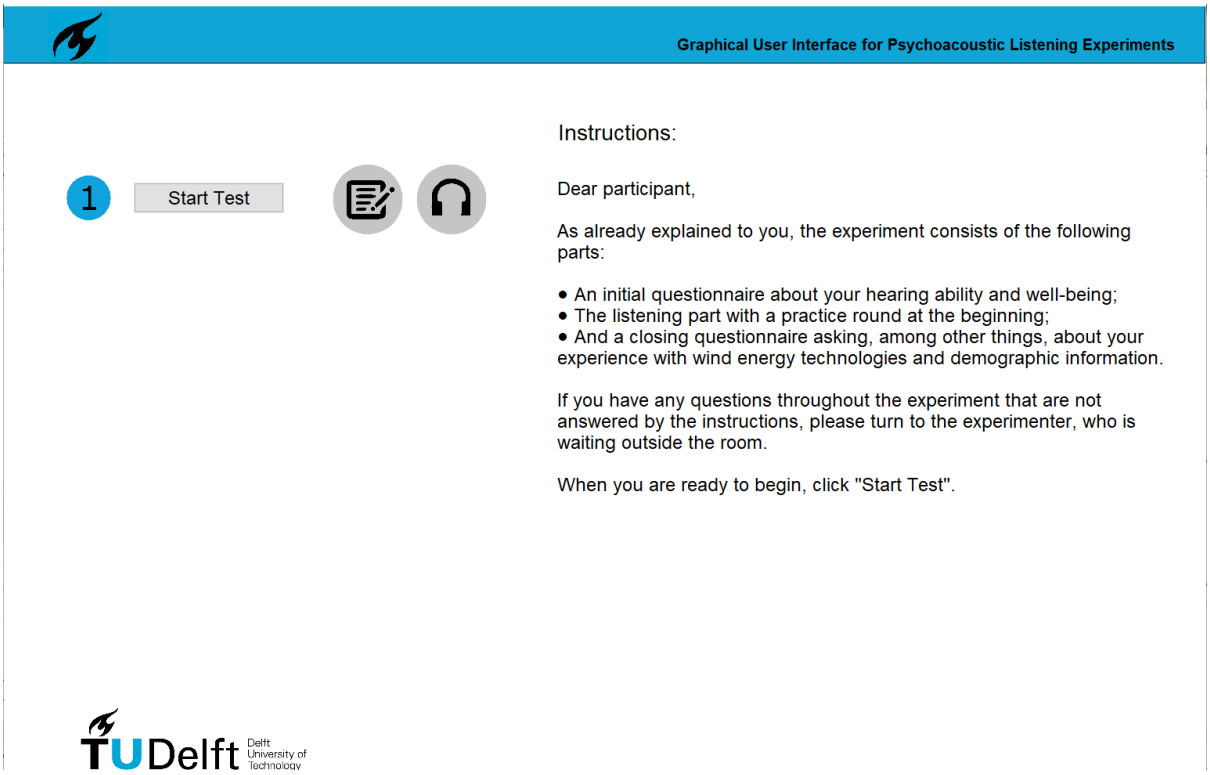
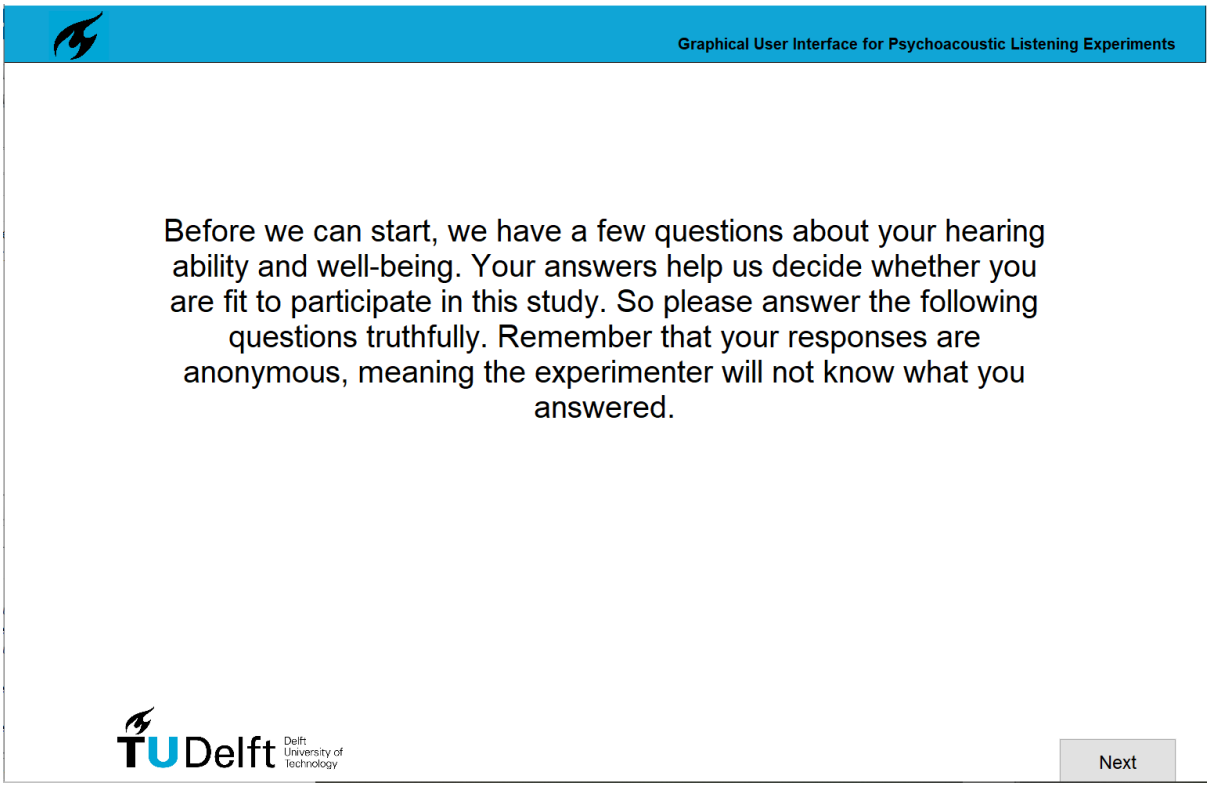
Start screen of the experiment





Initial questionnaire

In the graphical user interface, each question was displayed on a separate page (screenshots are not shown here to save space). The questions marked with "if yes/no" were only shown when one of the relevant previous questions was answered accordingly.

How good do you think your hearing is?

1	2	3	4	5
Excellent	Very good	Good	Fair	Poor

Do you suffer from ringing in the ears (tinnitus)?

Yes No

Have you suffered or are you suffering from any ear disease?

Yes No

If yes: **What kind of disease?** [Answer box]

Have you had an accident involving your head that affected your hearing?

Yes No

Have you suffered a shooting or explosion injury (blast trauma)?

Yes No

Do you use a hearing aid?

Yes No

If yes to the previous question: **Are you wearing it right now?**

Yes No

Do you have to wear hearing protection at work, or did you have to in the past?

Yes No

If yes to the previous question: **What noise do/did you have to protect yourself from?** [Answer box]

Do you currently have a cold?

Yes No

If yes to the previous question: **How bad is your cold?**

1	2	3	4	5
Very weak	Weak	Moderate	Somewhat strong	Very strong

Are you currently feeling well?

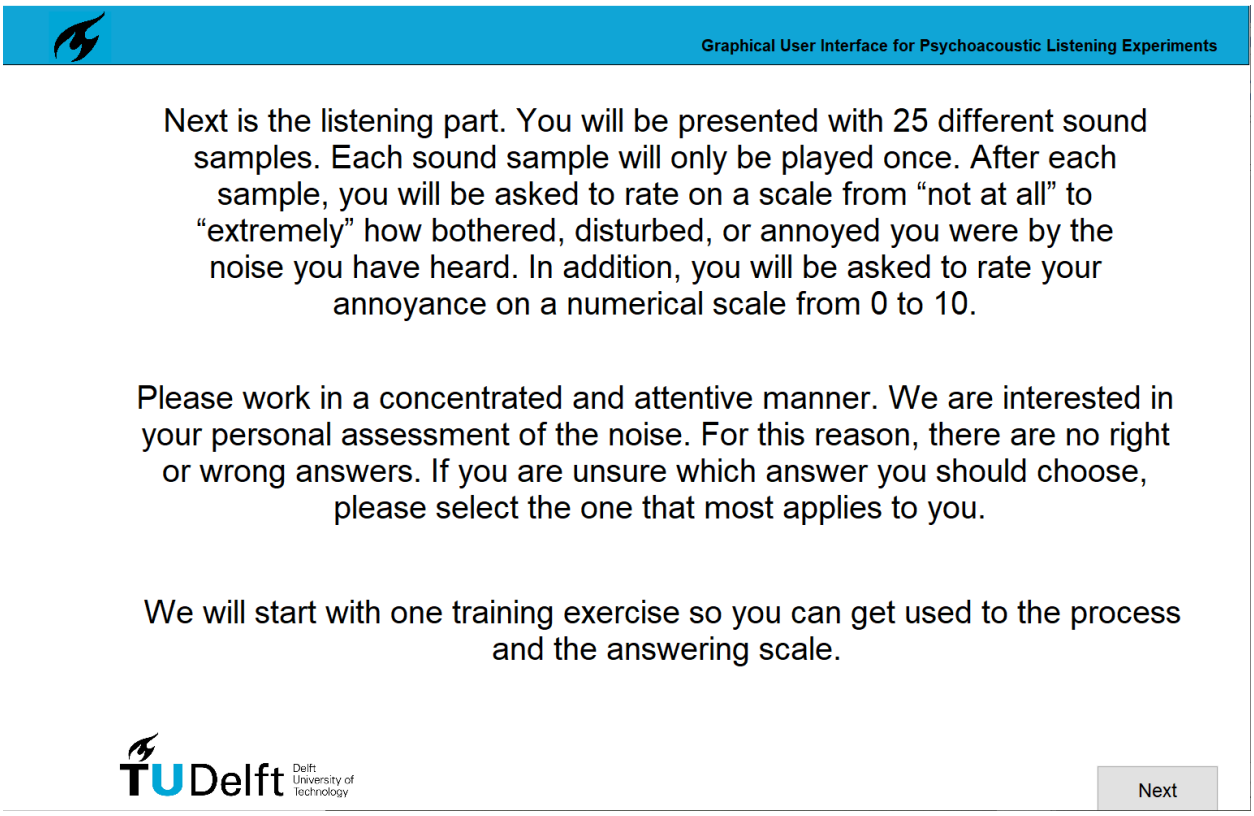
Yes No

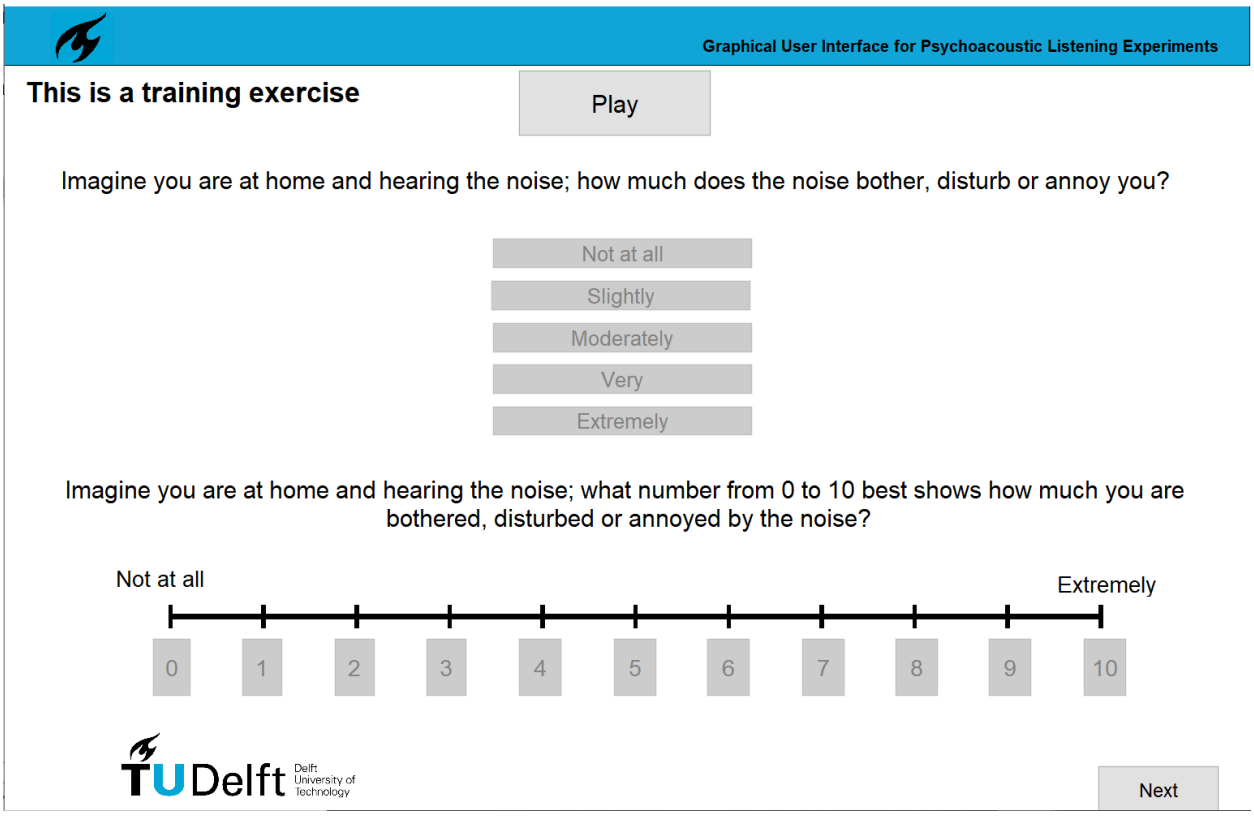
If no to the previous question: **In what way are you not feeling well?** [Answer box]

Are you currently feeling very tired?

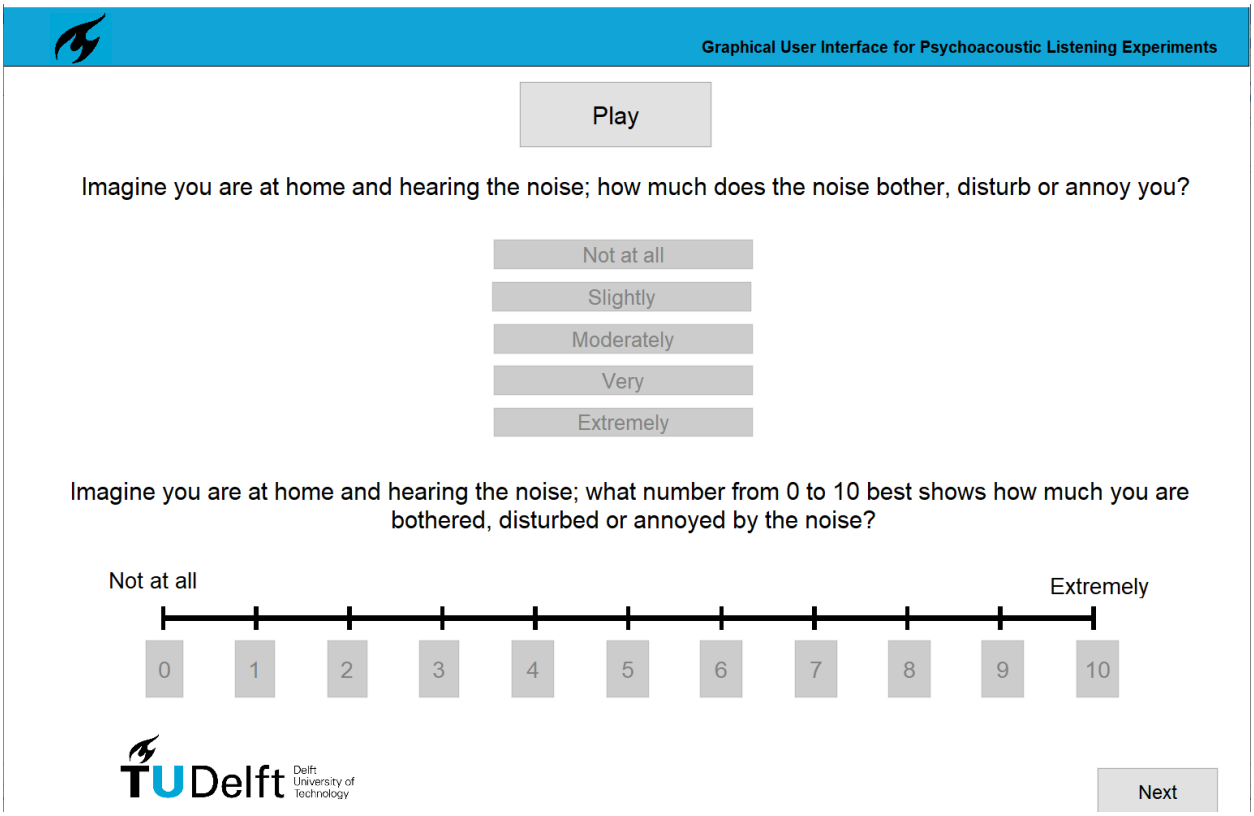
Yes No

Listening part





The following interface was shown for each of the 25 sound samples. The answer options could only be selected once “Play” had been pressed.



After the first block of sound samples, there was an automatic break with a countdown. The second block followed right after.

Closing questionnaire

Thank you for your attention during the listening part. Next, please rate the following statements. Imagine you are in the described situation and select the answer option that best applies to you.

	Strongly disagree	Slightly disagree	Slightly agree	Strongly disagree
I need a completely quiet environment in order to have a good night's sleep.	0	1	2	3
I need a quiet environment to be able to carry out new tasks.	0	1	2	3
When I am at home, I quickly get used to noise.	0	1	2	3
I get very agitated when I hear somebody speaking when I am trying to sleep.	0	1	2	3
I am very sensitive to noise made by the neighbours.	0	1	2	3
When people around me are noisy, I find it hard to do my work.	0	1	2	3
I perform significantly worse in noisy environments.	0	1	2	3
I do not feel very alert when I have been bothered by noise the night before.	0	1	2	3
Living in a noisy street would not bother me.	0	1	2	3
I am prepared to accept disadvantages in order to live in a quiet place.	0	1	2	3
I need peace and quiet in order to carry out a difficult task.	0	1	2	3
I can sleep even if it is noisy.	0	1	2	3

Next, please tell us about your experience with wind turbines and wind energy. Select the answer option that best applies to you.

What is your attitude towards wind turbines in general?

1	2	3	4	5
Very negative	Negative	Neutral	Positive	Very positive

Have you ever heard a wind turbine before this experiment?

Yes No Don't know

Do you live near a wind turbine or multiple wind turbines?

Yes No Don't know

If yes to the previous question: **How close is the closest wind turbine to your house? If you don't know the exact distance, try to estimate it.**

1	2	3	4
0 – 1.6 km	1.6 – 4.8 km	4.8 – 8 km	More than 8km

If yes to the question about living next to a turbine: **To what extent do(es) the wind turbine(s) close to your home disturb the landscape?**

0	1	2	3	4
Not at all	Slightly	Somewhat	Moderately	Very

If yes to the question about living next to a turbine: **Can you see wind turbines in whole or in part from any spot on your property or from inside your home?**

Yes No Don't know

If yes: **How many can you see?** [Answer box]

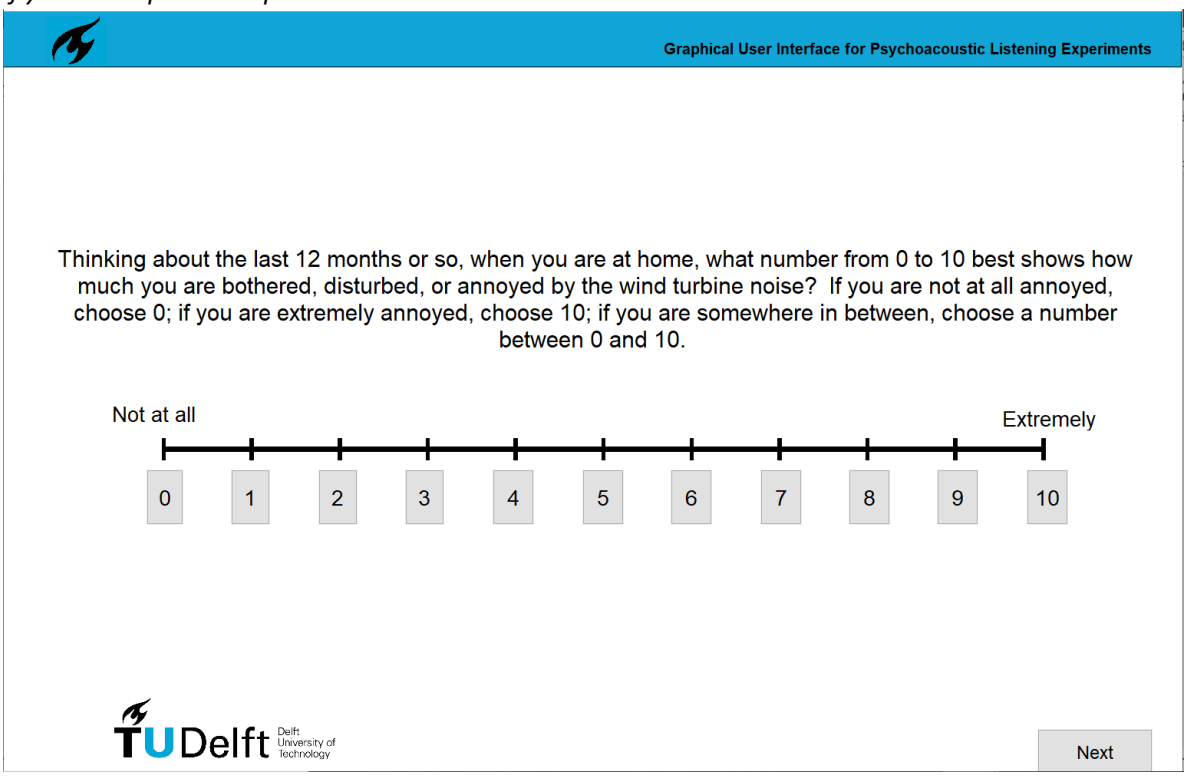
If yes to the question about seeing wind turbines: **Please rate the following statement. When I rated my annoyance at the wind turbine noise in this study, I pictured the wind turbine(s) close to my house.**

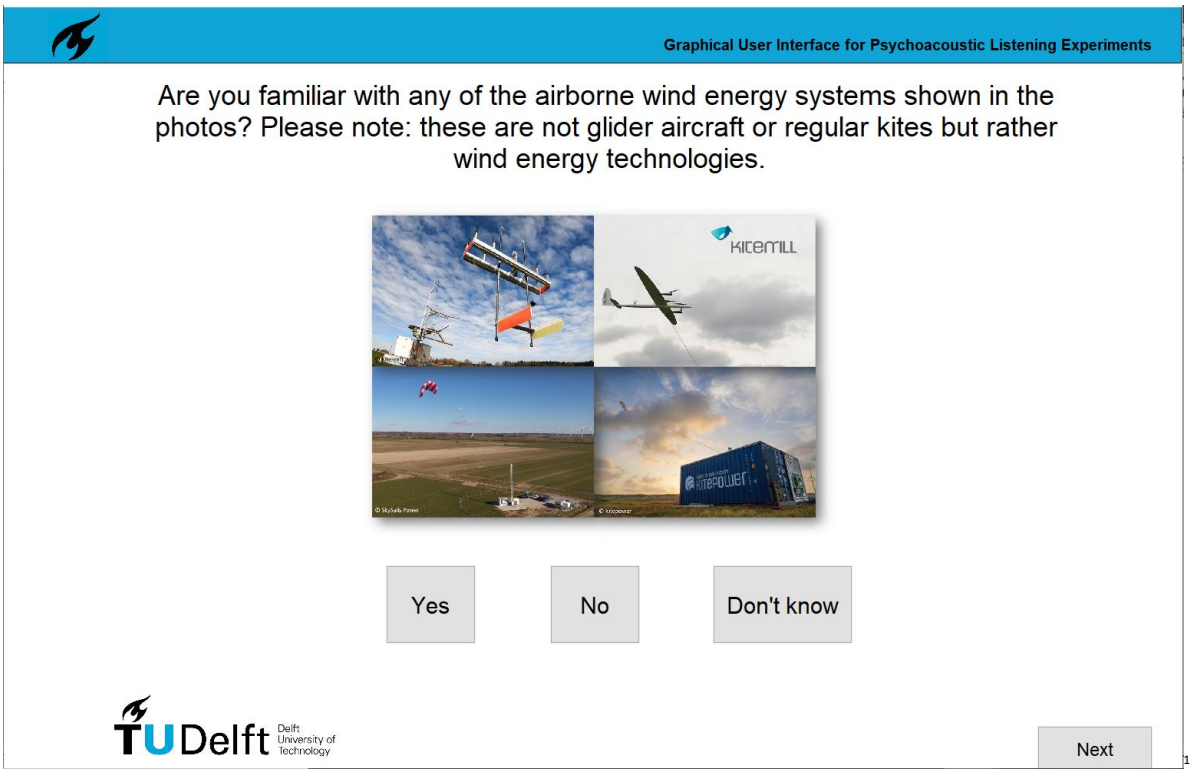
1	2	3	4	5
Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree

If yes to the question about living next to a wind turbine: **Can you hear noise from the wind turbine(s) inside your home?**

Yes No Don't know

If yes to the previous question:





[1] Image credits clockwise: Kitemill, Kitepower B.V., SkySails Group, kiteKRAFT GmbH.

If yes to the previous question: **Have you heard an airborne wind energy system before?**

Yes No Don't know

What do you think the experiment is trying to measure? [Answer box]

How did you first hear about the experiment?

- Advertisement on screens at TU Delft
- Poster at TU Delft
- Online event calendar of TU Delft
- Email newsletter of Aerospace Engineering Faculty
- Brightspace page for Aerospace Engineering students
- Uni-Life app
- LinkedIn
- Facebook
- Through a friend, colleague, family member etc.
- Other:_____

What is your age? [Slider from 0 to 100]

What is your gender?

- Male
- Female
- Other
- Prefer not to say

What is the highest level of education you have completed?

- Elementary (Kindergarten through primary school)
- Some High School (No Diploma)
- High School Graduate
- Some College, but No Degree
- Bachelor's Degree
- Master's Degree
- Doctorate

Thank you very much for participating in the experiment. We appreciate your time and effort!

Please let the experimenter know that you are finished. S/he will give you a debrief of the experiment and hand over the voucher.