"Move to Net Zero" Building Dashboard User Survey

The "Move to Net Zero" physical building dashboard uses three data visualization tools to present the process of the UCL Student Centre to achieve Net Zero Carbon Building(NZCB) status. Firstly, the gauge indicates how much renewable energy is employed to generate electricity for building consumption. Secondly, the e-paper screen displays the electricity consumption and carbon emissions of the building on a monthly basis. Thirdly, the figure on the dot matrix indicates how much zero-carbon energy the built-in solar panels generate in one day through comparison with the carbon sequestration of 174 trees in Russell Square Garden.

1. **Have you heard about the "Net Zero" climate target and "Net Zero Carbon Buildings"(NZCB)?**

   ◯ Yes, I heard them both

   ◯ Only know the "Net Zero" target

   ◯ No, I didn't heard them

2. **Are you clear about the purpose of each data visualization tool displayed on the dashboard?**

   ◯ Yes

   ◯ Somewhat clear

   ◯ Not clear at all

3. **Do you find these data visualization tools easy to understand?**

   ◯ Very easy to understand

   ◯ Somewhat easy to understand

   ◯ Neutral

   ◯ Somewhat difficult to understand

   ◯ Very difficult to understand

4. **When using the dashboard, can you quickly find the information you need?**

   ◯ Yes, it's very easy to find

   ◯ Yes, but it takes some time

   ◯ No, it's difficult to find

5. **Do you think the dashboard's design is intuitive?**

○ Very intuitive

○ Somewhat intuitive

○ Neutral

○ Not very intuitive

○ Not intuitive at all

6. **Are you satisfied with the display of the "percentage of renewable energy used to generate electricity" on the dashboard?**

○ Very satisfied

○ Satisfied

○ Neutral

○ Dissatisfied

○ Very dissatisfied

7. **Do you think the monthly display of the building's electricity consumption and carbon emissions helps you understand the building's environmental performance?**

○ Yes, very helpful

○ Somewhat helpful

○ Neutral

○ Not very helpful

○ Not helpful at all

8. **The dot matrix compares the zero-carbon energy generated by the solar panels with the carbon sequestration of 174 trees in Russell Square Garden. Do you find this comparison method helpful for understanding the data?**

○ Very helpful

○ Somewhat helpful

○ Neutral

○ Not very helpful

○ Not helpful at all

9. **Do you think the overall design of the dashboard (including colors, layout, fonts, etc.) matches your aesthetic preferences?**

○ Completely matches

○ Somewhat matches

○ Neutral

○ Does not match much

○ Does not match at all

10. **Did you encounter any technical issues or difficulties while using the dashboard?**

○ No issues, everything works smoothly

○ A few minor issues, but they do not affect usage

○ Some issues that affected usage

○ Serious issues that made it difficult to use

11. **Would you like to see more information on how the building achieves net-zero carbon status on the dashboard?**

○ Yes

○ No

12. **What information or features do you think could be added to the dashboard to enhance its usability?**

[   ]

13. **Do you think the dashboard helps increase your awareness and understanding of "Net Zero Carbon Buildings"?**

○ Yes, very helpful

○ Somewhat helpful

○ Neutral

○ Not very helpful

○ Not helpful at all

14. **Would you recommend others to use this dashboard to learn about the building's environmental performance?**

○ Yes

○ No

15. **How would you rate the current version of the building dashboard?**

☆ ☆ ☆ ☆ ☆

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