UK Final Energy Consumption Dashboard – User Evaluation 英国能源总消费可视化系统 – 用户评估

This questionnaire is designed to evaluate the usability, interpretability, and usefulness of the UK Final Energy Consumption Dashboard. Please answer honestly; your feedback will only be used for academic research.

本问卷旨在评估

英国能源总消费可视化系统的易用性、可解释性及实用性。请如实填写，您的反馈仅用于学术研究。

* Indicates required question

Section A – Usability & Interaction / 易用性与交互体验

Please evaluate how easy and smooth the system is to use, including its interface design and interaction speed.

请您评价本系统的易用性，包括界面设计的清晰度和交互操作的流畅性。

1. **1. The system is easy to learn and use.** *
   该系统容易学习和使用。

   Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree / 非常同意

2. **2. The sidebar selectors (e.g., year and sector) are intuitive to operate.** *
   侧边栏选择器（如年份和行业）操作直观。

   Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree / 非常同意

3. **3. The system responds quickly when I perform actions.** *
系统在我执行操作时反应迅速。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

4. **4. The interface layout and color scheme are clear and visually appealing.** *
界面布局和配色清晰、美观。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

5. **5. I can complete common tasks (e.g., viewing trends, comparing years, exporting PDF) without assistance.** *
我可以在无需帮助的情况下完成常见任务（如查看趋势、年份对比、导出PDF）。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

Section B – Interpretability & Insight / 可解释性与洞察力

Please evaluate whether the dashboard helps you understand energy consumption patterns and trends more clearly.

请您评价该可视化系统是否有助于您更好地理解能源消费的模式与趋势。

6. **6. The trend charts help me understand energy consumption over time.** *
趋势图帮助我理解能源消费的时间变化。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

7. **7. The heatmap or radar chart makes differences across fuels or sectors easier to spot.** *
热力图或雷达图使不同燃料或行业的差异更容易识别。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

8. **8. The anomaly markers (red warnings) effectively catch my attention.** *
异常标记（红色警告）能有效吸引我的注意。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

9. **9. The year-to-year comparison table is intuitive for comparing consumption levels.** *
年度对比表直观地展示消费水平差异。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

10. **10. The cost estimation feature helps me understand the real-world implications of energy use.** *

成本估算功能帮助我理解能源使用的现实影响。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

11. **11. The exported PDF results are clear and easy to share.** *

导出的 PDF 结果清晰且易于分享。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

Section C – Usefulness / 实用性

Please evaluate the practical value of the system, including its ability to support analysis and decision-making.

请您评价本系统的实际价值，包括是否能够支持分析与决策。

12. **12. The system is useful for energy consumption analysis.** *

该系统对能源消费分析有用。

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree / 非常同意

13. **13. I feel confident in my understanding of the data after using the system.** *

使用该系统后，我对数据的理解更有信心。

Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree / 非常同意

Section D – Overall Evaluation / 总体评价

Please provide your overall impression of the system, including satisfaction and any additional comments or suggestions for improving the system .

请您对本系统进行总体评价，包括满意度以及任何改进本系统的意见或建议 。

14. **14. Overall, I am satisfied with my experience using the system.** *

总体而言，我对使用该系统的体验感到满意。

Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree / 非常同意

15. **15. What improvements would you suggest for the system?**

您对该系统有何改进建议？

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