



Circular Computing performance comparison for office tasks: New vs remanufactured

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1. Background

Circular Computing appears as a restorative and regenerative economic model for the ICT market, following the Circular Economy principles. Developed by A2C Services Ltd, used ICT equipment is remanufactured into as-new, high quality products. However, even if these products have shown to be more sustainable, it is also important to provide evidence that these products can compete against new equipment and serve the expected performance.

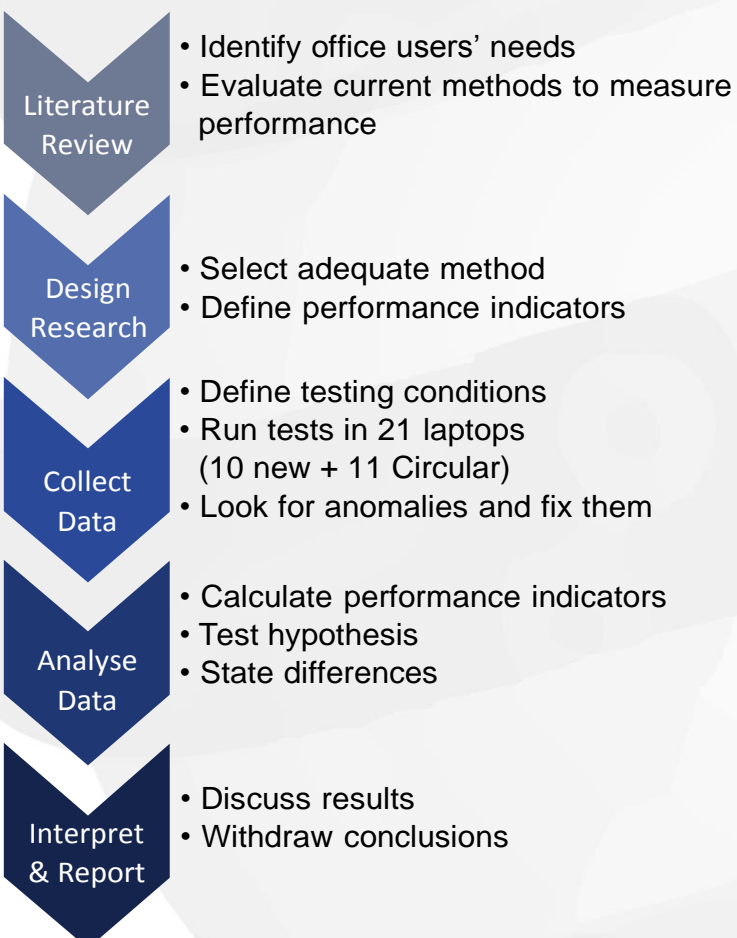
2. Aim and Objectives

Aim: Compare the performance of new and Circular Computing laptops from the final user perspective - office user-.

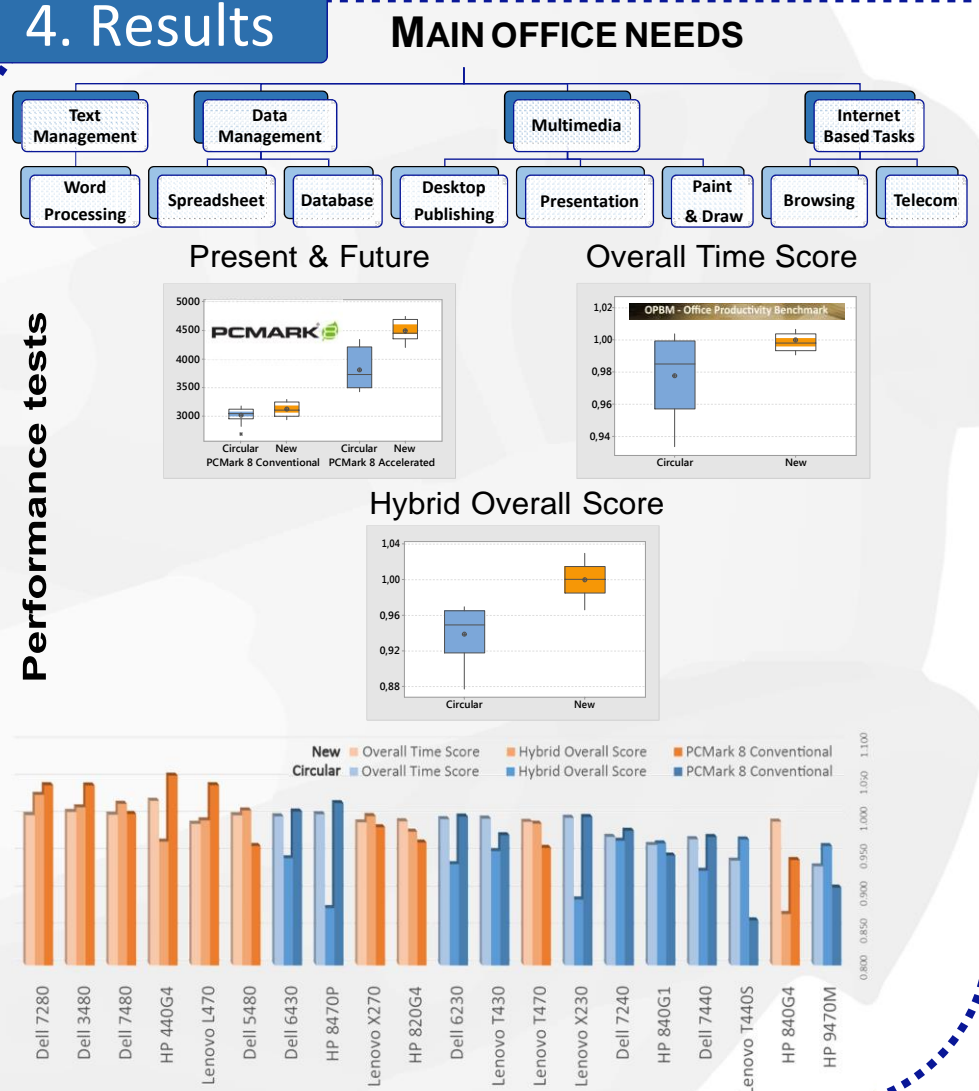
Objectives:

- Identify final users' needs
- Define performance indicators
- Measure the performance of each laptop
- Assess differences among groups

3. Methodology



4. Results



5. Conclusions

- It could be concluded that, for a standard office use, Circular Computing can provide, on average, **from 93% to almost 97%** general performance, depending on the precise set of tasks the final user has.
- It is fair to conclude therefore that **enough evidence** is provided to consider Circular Computers, alongside new computers, as part of a core IT strategy, not only for the **economic benefits** but also for the **sustainable** ones.

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