Raising awareness on IT's Environmental Impact Experiences from a Collaborative Workshop

- Inspired from existing collaborative workshops like Climate Fresk
- Focus on IT, in particular the IT services managed by the IT-CD group at CERN
 - IT-CD operates, maintains and supports scientific computing services including the WLCG Tier-0
- 3h workshop with 36 IT-CD participants (October 2024)
 - To learn climate change basics and impact of digital technologies
 - Identify and develop mitigation strategies in a collaborative way

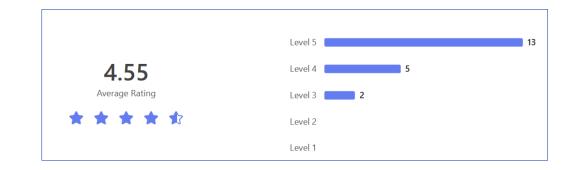






Raising awareness on IT's Environmental Impact Experiences from a Collaborative Workshop

- 24 cards describing IT strategies to reduce carbon footprint
- Final report available with all the details
- Overall positive experience
 - Excellent teamwork and participation
 - Identified some improvements on workshop material and structure after survey results
- Interest from other groups in IT
- In line with CERN and IT Sustainability strategy so it's relevant and meaningful





Green IT Workshop for IT-CD
M. Alandes Pradillo, V. Bhat
V3.1-04.11.2024
Contents
Change Record1
Introduction
Purpose of the Workshop2
Audience2
Date, Location, and Duration2
Workshop Overview
Agenda and Structure
Facilitators
Materials and Tools4
Outcomes
Group 1 - SW Efficiency Review
Group 2 – Increase Device Lifetime and Automatic Power Management7
Group 3 – Increase Device Lifetime, Monitoring and Reporting9
Group 4 – Green Service Efficiency Initiative
Acknowledgements
References
Appendix 1 – Resource List

Final report: https://cernbox.cern.ch/s/AVNErt0oGZNIDPJ

