

Summary of projects from shortlisted EuroTeQ Collider teams at DTU participating at the EuroTeQathon.

Challenge - Towards Sustainable Solutions in Electronics

Team name - ahead of new

Challenge Collaborator - Students

Summary of the project - Due to blind consumerism and the difficult and confusing repair process, when an electronic device, the immediate thought is to replace it. Products are built with complexities discouraging repair, recognizing this issue underscores the need for another approach, changing how we use electronics. ahead of new proposes a platform to guide consumers to the most cost-effective and convenient repair options available. Using AI, it accurately diagnoses issues, and it calculates the environmental benefits of repairing over replacing. ahead of new's approach saves time, money and by gaining these insights, consumers can contribute to a more sustainable world. By indirectly lowering the amount of electronic waste disposed, we contribute to SDG Responsible Consumption and Production.