

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

### Challenge - **Elevating Health and Ecology**

**Team name** - WeScreen

**Challenge Collaborator** – Capital Region of Denmark

**Summary of the project** - Colorectal cancer is the second leading cause of cancer-related deaths globally, costing around €20 billion annually in healthcare. Moreover, recent research from the EU has shown that anticancer drugs and by-products in wastewater negatively impact the reproduction and survival of many freshwater organisms. Only two out of the 16 national screen programs implemented by EU have compliance rates above the European desired threshold of 65%. Studies show that the main barrier for noncompliance is either forgetting or just not getting it done - not unwillingness. With a user centric design approach, and in collaboration with the users, suppliers, and the Danish regions, WeScreen increases the compliance rate in the screening program with an integrated redesign of the invitation- and screening package. The solution will have direct impact on public health and the healthcare system and lessen the environmental burden of extensive anticancer treatment.