

# USABILITY TESTING

## What is this for?

**The goals of usability testing vary, but they usually include:**

- Identifying problems in the design of the product or service
- Uncovering opportunities to improve the product or service
- Learning about the target user's behaviour and preferences

## Tips for usability testing

- Recruit realistic participants. People who would actually perform these tasks in real life.
- Avoid influencing participants during testing. The easiest way to do this is stay quiet during the study.
- Ask open-ended, neutral questions when you speak to the participant. For example, say “What do you think about this?” instead of “Do you like this?”

Use 5-8 participants for qualitative usability testing.

# OPPORTUNITIES IN STH - PROTOZONES

The protozones, that will be built inside the Smart Technology Hub in Vaasa, allows testing and validation of new innovations and prototypes. Here Smart Partner Campus partners can come together to test their products.

*A flexible and serious playground for building, validating and testing our ideas together in the Smart Partner Campus*



Proof of concept verification



Hands-on training and demo within the ecosystem



Pre-test a set of modules by several suppliers



Rig-testing, combustion testing, i.e. fuel injection, valves



Pre-assembly of modules, double check that everything is working



Minimum viable (sellable) product testing



# OPPORTUNITIES IN STH - COMMON LABS

Common Labs combines together the laboratories of the Smart Technology Hub. Common Labs is the place where new product development comes to life and where partners can come together in order to gain support in different kinds of testing activities.

*Measurement services and equipment limited only to our imagination*

- Material failure analysis
- Calibration services
- Tribotests
- Parts investigation
- Fatigue tests
- Rheometer related measurement
- HackZone
- Software and hardware problem solving
- 3D reference measurement
- Fuel analysis
- Combustion analysis



# OPPORTUNITIES IN STH - AM CAMPUS

The Additive Manufacturing Campus (AM Campus) will enable high-quality and developed 3D-printing for different needs in the innovative process. Perfect for Smart Partner Campus prototyping and usability testing.

## Overnight concept testing



Can't decide to do  
A or B?  
Print the whole  
alphabet

## Print your own tools



Don't have suitable  
tools to do your job?  
Print your own

## Go all the way to the end



Ramp up industrial  
additive manufacturing  
production