



# What's next?





# ASSESS



Assessment of development of some 21st century skills  
– problem-solving, creativity, communication, collaboration and social skills.

# A joint project with similarities and differences.

- Different contexts in each country. Formal/informal makerspaces. In/out of school. Short/long projects. One/several occasions.
- Same questions – we want to evaluate the experience of using the Assessmake 21 tool (app) from several perspectives.
- Same data collection (research) instruments.





# What do we want to know? Research questions

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*1. How is the tool Assessmake 21 used by: a) students b) teachers?*

*2. How is the tool Assessmake 21 experienced by: a) students b) teachers?*

*a)*

*How effective is the tool in improving students' understanding of the meaning of the included 21C skills?*

*How effective is the tool in improving students' identification of 21C skills in makerspace activities?*

*How effective is the tool in improving students' identification of 21C skills in other activities?*

*b)*

*How effective is the tool in terms of documenting occurrence of 21C skills during makerspace activities according to teachers?*

*How are teachers' knowledge improved of what activities promote what 21C skills?*

*How are teachers' confidence in that makerspace activities are aligned to required curricular skills?*

# Research instruments

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- Questionnaires to students, pre- and post.
- Interview guide to teachers and for focus groups with students.
- Questions to be addressed through the Assessmake21 tool.



# Contact with national/local partner

- Scheduling activities – when and how.

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# Before the activities start – Ethical considerations

Information letters  
and consent forms to  
be signed.

Anonymous when  
responding to  
questionnaires,  
interviews etcetera.





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