

Use reflection to approach your future steps

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INTRODUCTION

TU Delft team at DESIGNSCAPES

Human-Centered Design / Industrial Design Engineering



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Alicia Calderón Gonzalez Researcher



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Chiara Marradi Researcher



Maria Buckenmayer Researcher







AGENDA OF TODAY

10:00 Welcome! Intro of the session and agenda

10:10 Why reflection in DEI projects?

10:30 Let's reflect on your project - Group activity on MIRO

11:35 Your thoughts on the activity and webinar

11:55 Closing up and Looking forward to the "coffee break"



Zoom experience/interaction tips:

- Please if you have any questions type them in the chat, we will keep an eye on them and answer them as soon as possible
- Whenever you don't want to speak, please keep your microphone muted for the best experience for all;)



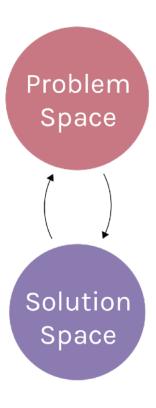
Why this module and why now?

- You are starting off your scaling phase
 - > Opportunity to look 'from distance' at your journey so far and explore what next months will entail
- Reflecting on your project challenges and own your own abilities to tackle them
 - > Way to picture what are the tricky tasks that you may need to focus on to succeed in your next steps, so to be better prepared for them



- 'Reflective practice': a process, at times even unconscious, that innovators (eg. designers, architects, engineers..) use to better understand a new situation and how to approach it (Schön, 1987)
- Innovators do so exploring the challenge they need to tackle (Problem space) and a series of possible ways to do it (Solution space) in a process that goes back and forth.
- The more 'loops' are made, the more refined and defined become both the challenge at stake and its possible solutions



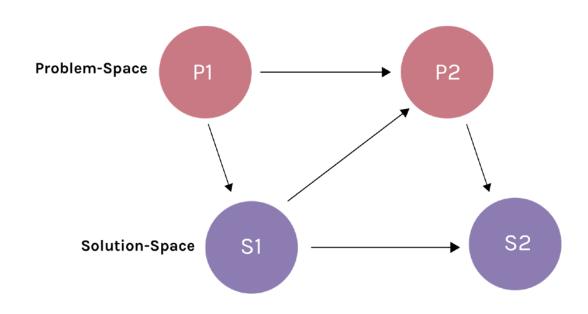


Schon, D. A. (1987). Educating the reflective practitioner.



An example, the prototyping phase of your project:

- 1. You have a challenge, a problem to solve (Eg.P1), what do you do?
- 2. You try out something, an initial solution (S1), and what you find out testing that solution is that it probably solves only partially your initial problem, right?
- 3. Emerges another more specific problem, a challenge within the challenge, that you did not consider before (P2). And this is exactly what can happen also through a reflective activity.
- 4. Next step? You elaborate a new possible solution (S2) taking into account the new challenge you just found.



Adapted from

Dorst, K., & Cross, N. (2001). Creativity in the design process: co- evolution of problem-solution.





Reflective practice can be seen as

a tool for designers to better understand their coming challenges,

By looking at what they can do, from the past, and identifying the new challenges that are likely to be present in their future (eg.new activities in scaling phase)

The goal of a reflecting practice is then to be prepared to act upon them

(eg. acquiring new competencies, contacting relevant stakeholders etc.)





Let's take your project, for example!

We prepared a **Reflective online activity**, co-created with the collaboration of some initiatives from the 2nd call.

Is meant to be a support when approaching a coming phase of your project (eg. scaling).

It helps to look at the milestones ahead in your project, better define which can be challenging for you to a accomplish and what steps could you take to approach them





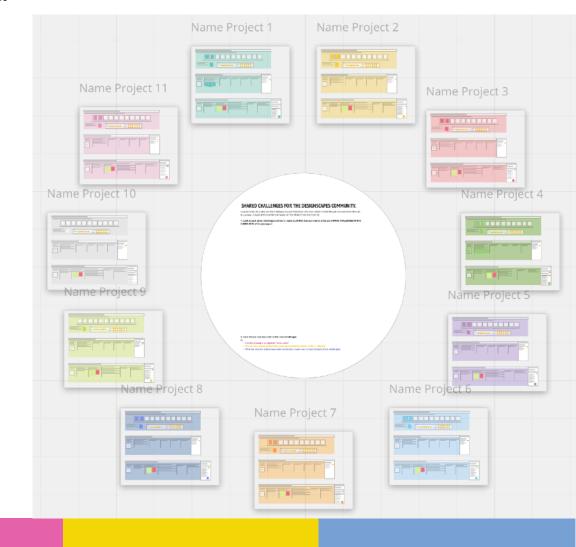
MIRO

The activity will be held on **MIRO**, a collaborative online whiteboard tool. We prepared **one template for each project.**

 When you are in the board check out the "How to Miro" if you need it.



Choose one template and put your name on it.





MIRO

INDIVIDUAL PROJECT TEMPLATES

Part 1: Pin down your project milestones

On a timeline list what you've been busy with and what will need to achieve in the coming phase

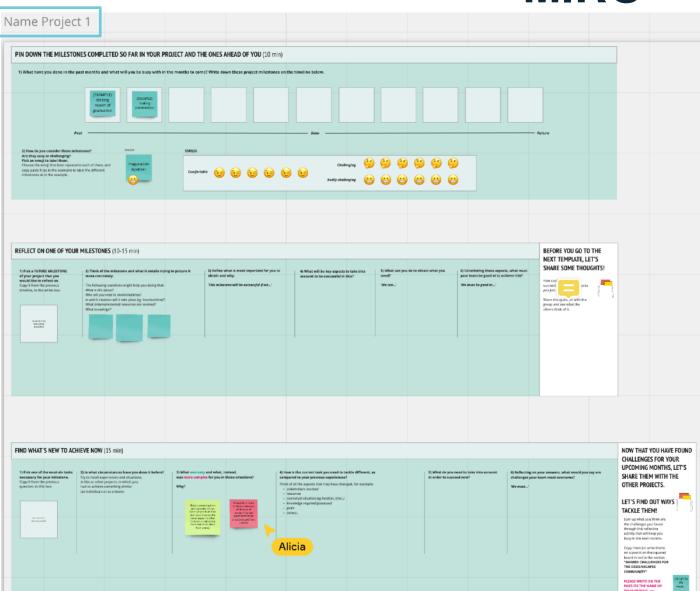
Part 2: Reflect on one of your milestones

Choose a milestone to reflect on (eg. a complex one to achieve) and follow up describing it, exploring what it will take to achieve it and what challenges arise

Part 3: Find what's new to achieve now

Find Think of how you achieved this in the past and what is new tasks necessary now







SHARED CHALLENGES TEMPLATE

Share the challenges you found through the activity with the DESIGNSCAPES Community

- Clustering of shared challenges
- Discussion/reflection on what concrete concrete steps to take to tackle them

MIRO

SHARED CHALLENGES FOR THE DESIGNSCAPES COMMUNITY.

Copy (or write) here what are the challenges you will likely face in the next months found through that you found through the activity. (PLEASE WRITE DOWN THE NAME OF THE PROJECT ON THE POST-IT)

1) Look at each other challenges and try to make CLUSTERS that summarise what are SHARED CHALLENGES IN THE COMMUNITY of Designscapes!



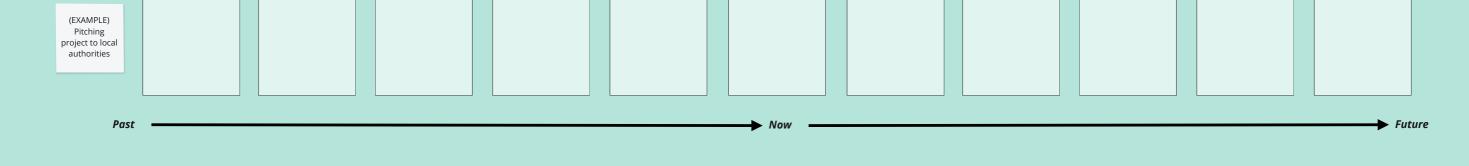
2) Let's discuss how we could tackle these challenges

Es.

- Possible strategies to approach these tasks?
- Who are actors/stakeholders that could have experience with a similar challenge?
- · What are concrete actions your team could take, in your own context, to tackle these challenges?

PIN DOWN THE MILESTONES COMPLETED SO FAR IN YOUR PROJECT AND THE ONES AHEAD OF YOU (5-10 min)

1) What have you done in the past months and what will you be busy with in the months to come? Write down these project milestones on the timeline below.



2) How do you consider these milestones? Are they easy or challenging? Pick an emoji to label them. Choose the emoji that best represents each of them, and

copy paste it (as in the example) to label the different

milestones as in the example.

Example Pitching project to local

EMOJIS





























REFLECT ON ONE OF YOUR MILESTONES (20 min) BEFORE YOU GO TO THE **NEXT TEMPLATE, LET'S** SHARE SOME THOUGHTS! 3) Define what is most important for you to 5) What approach/strategy can you follow 6) Considering the aspects mentioned, 1) Pick a FUTURE MILESTONE 2) Think of the milestone and what it entails trying to picture it 4) What will be key aspects to take into obtain and why. to achieve this? what must your team be good at to of your project that you more concretely. account to be successful in this? succeed in this strategy(ies)? would like to reflect on. Copy it from the previous The following questions might help you doing that: 'This milestone will be successful if we...' 'We can...' 'We must be good at...' timeline, to this white box. What is this about? Who will you need to involve/address? In which situation will it take place (eg. location/time)? What (internal/external) resources are involved? place here the you picked

FIND WHAT'S NEW TO ACHIEVE NOW (15 min) NOW THAT YOU HAVE FOUND CHALLENGES FOR YOUR **UPCOMING MONTHS, LET'S** 6) Reflecting on your answers, what would you say are 1) Pick one of the tasks you 2) In what circumstances have you done it before? 3) What was easy and what, instead, 4) How is the current task you need to tackle different, as 5) What do you need to take into account SHARE THEM WITH THE must be good at, to succeed in Try to recall experiences and situations, was more complex for you in those situations? compared to your previous experiences? in order to succeed now? challenges your team must overcome? your milestone. in this or other projects, in which you Think of all the aspects that may have changed, for example: OTHER PROJECTS TO FIND Why? 'We must...' Copy it from the previous had to achieve something similar stakeholders involved question, to this box. (as individuals or as a team). **OUT WAYS TO TACKLE THEM** resources contextual situation (eg.location, time..) knowledge required/possessed goals Sum up what you think are (other)... the challenges you found place here the through this reflective task you picked activity that will keep you busy in the next months.

Copy them (or write them) on a post-it on the squared board in red in the section "SHARED CHALLENGES FOR THE DESIGNSCAPES PLEASE WRITE ON THE POST-ITS THE NAME OF YOUR PROJECT, eg.

COMMUNITY"

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