

Shaping cities for better quality of life - Fostering collaboration through Living Labs

Part 7: REFLECT

Abstract

Reflecting means synthesizing what you have learnt and deciding on how to move forward, i.e. come up with the plan. In this learning unit you will develop an action plan for your Living Lab.

Objectives

After completing this unit, you will be able to ...

- decide what actions have to be done in future
- develop an action plan for your Living Lab

1. Reflecting on the process

Reflecting is a powerful learning tool that helps improve performance and efficiency of your actions. It also involves applying what you have learned over time, while helping determine future actions and projects.

Watch this video summarizing the most important aspects of Urban Living Labs. It can help you organise your thoughts, get inspired and move forward!

<https://www.youtube.com/watch?v=ITjSWVcWeiE>

Action planning¹ is a powerful tool that can help you clarify your ideas, decide what actions have to be taken to reach particular objectives and check your own progress over time.

An effective action plan should give you a detailed timetable and set precisely defined actions to help you achieve your goals. While outlining your action plan, take into account the following aspects:

- Set objectives that are achievable and measurable
- Prioritise your tasks effectively; distinguish between short-term and long-term tasks
- Identify the actions that are needed to achieve your goals. Arrange them in a chronological order, then set a specific date for every single action

Working together on an action plan within a Living Lab can help build stronger relationships between all participants, while creating a deeper shared understanding of which action have to be taken in future in order to achieve common goals.

¹ <http://www.kent.ac.uk>

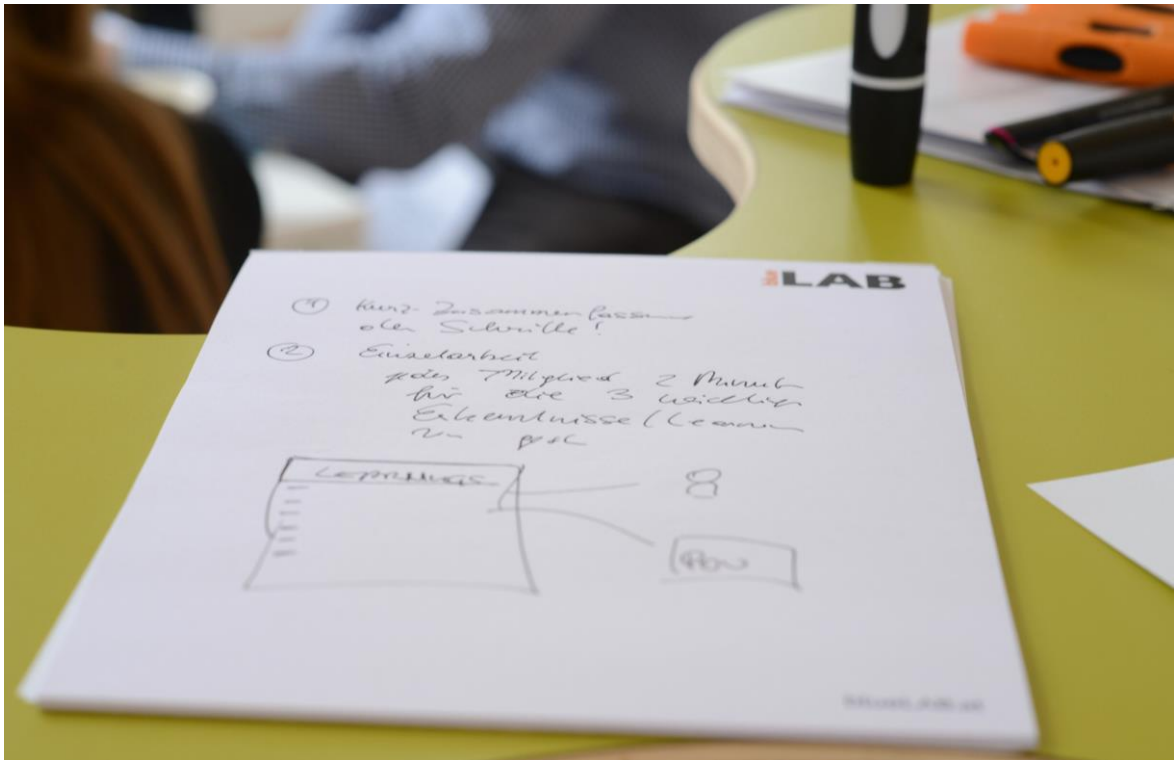


Figure 1: Photo credit: Nikolaus Kurnik

EXERCISE 1

Develop an action plan for setting up your Living Lab!

Use the form of matrix to arrange your plan according to time (short-term actions come first). The following questions will help you solve this task:

- What actions need to be done? Be specific.
- **How** are you going to perform the action?
- **Who** needs to be involved within the action?
- **When** does the action take place, or over what period of time? Divide between short term, medium term and long term actions.
- **Where** does the action take place?



Source: SMACC

What **resources** are needed for the action?

Materials:

Flipover sheet, felt pens

More resources

Smart City: Amsterdam example

<https://www.youtube.com/watch?v=Uzjqttox3lY>

Smart City: Norwegian Centres of Expertise

<https://www.youtube.com/watch?v=KSJWA8YTdKM>

Smart City: Adelaide example

<https://thenextweb.com/syndication/2017/08/26/this-australian-capital-yes-theres-more-than-one-shows-that-smart-cities-will-be-awesome-for-everyone/>

Smart City: Florida and Colorado example

<https://www.theguardian.com/sustainable-business/2016/aug/09/florida-colorado-smart-cities-sustainable-solar-babcock-ranch-pena>

Smart City and participation

<https://www.techgoondu.com/2017/08/29/qa-a-smart-city-has-to-solve-problems-not-just-deploy-technology-says-imec/>

A talk "How do we build the cities of tomorrow"

<https://www.youtube.com/watch?v=YGOVEvm7dmo>

Internet of Things

<https://www.youtube.com/watch?v=3xOK2aJ-oJs>

Europe's first carbon neutral neighborhood - Malmö example

<https://www.youtube.com/watch?v=6yZYXsWnsg>

A Talk on changing mindsets about urban planning and living

<https://www.youtube.com/watch?v=Lid9ELzzT8Y>

New public and private funding strategies for urban parks

<https://cities-today.com/new-public-and-private-funding-strategies-for-urban-parks/>

The six top trends in government innovation

<https://apolitical.co/trends-government-innovation/>

The sharing economy

<https://www.forbes.com/sites/bernardmarr/2016/10/21/the-sharing-economy-what-it-is-examples-and-how-big-data-platforms-and-algorithms-fuel/>

Bike sharing: San Francisco example

<http://www.sfchronicle.com/business/networth/article/San-Francisco-issues-permit-rules-for-stationless-11281616.php>

Urban Heat Islands

<https://www.theguardian.com/sustainable-business/2017/feb/21/urban-heat-islands-cooling-things-down-with-trees-green-roads-and-fewer-cars>

Design Factory Global Network

<http://dfgn.org/>

IDEO's Design Thinking for educators toolbox

<http://www.designthinkingforeducators.com/>

Videos on Design Thinking Approach

<https://www.youtube.com/watch?v=Ee4CKIPklik>

<https://www.youtube.com/watch?v=oDeBHxnRokM>

Problem solving with design thinking: book tip

<https://yourstory.com/2015/05/problem-solving-with-design-thinking/>

Business Model Canvas

<http://www.businessmodelgeneration.com/canvas/bmc>

Labcraft: How Innovation Labs cultivate change through experimentation and collaboration. Hendrik Tiesinga and Remko Berkhout (2014)

<http://labcraft.co/>

The Living Lab Methodology Handbook

https://www.ltu.se/cms_fs/1.101555!/file/LivingLabsMethodologyBook_web.pdf

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