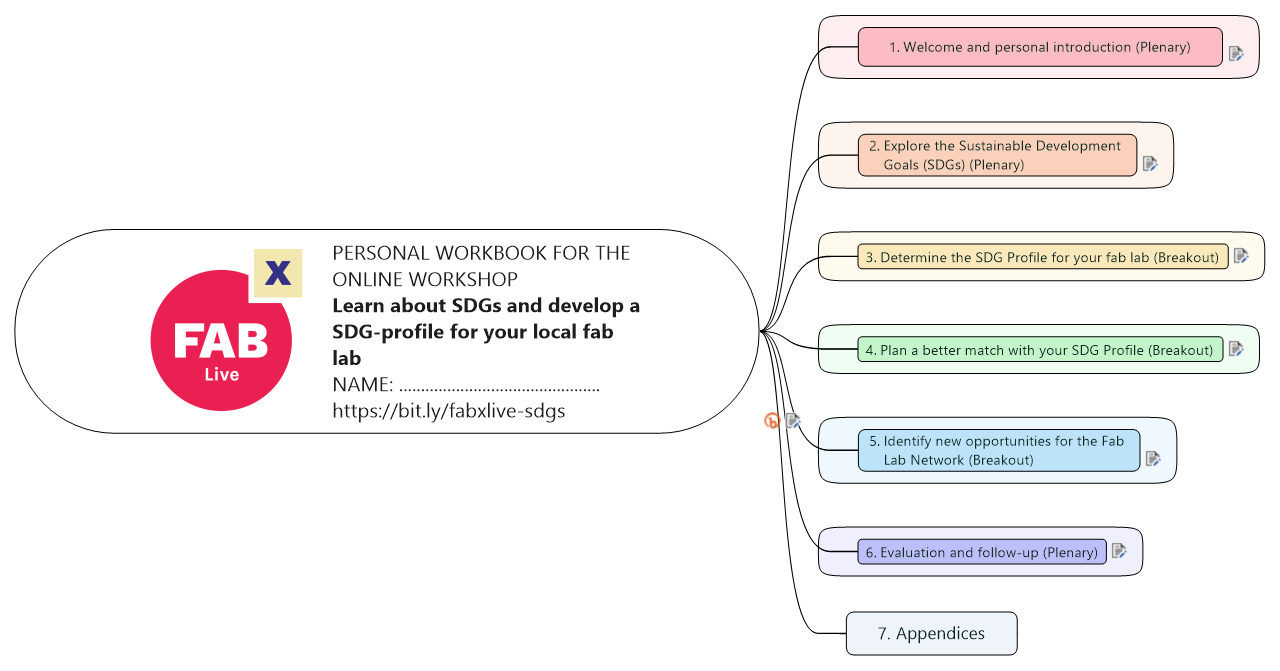
  
FABxLive – Online International Fab Lab Conference  
July 27-31, 2020

PERSONAL WORKBOOK FOR THE ONLINE WORKSHOP  
**Learn about SDGs and develop a SDG-profile for your local fab lab**

NAME: ..............................................   


<https://bit.ly/fabxlive-sdgs>

Welcome!

**This workshop** helps staff and volunteers of fab labs / makerspaces / innovation centers to align their organizations with the United Nations Sustainable Development Goals (SDGs). With some changes it could be applied to any community organization.

**The online workshop during FABxLive** consists of six parts of approximately 15 minutes each = **90 minutes in total**. To attend the online workshop you need internet access. All relevant hyperlinks can be found on our "portal" page. You therefore only need to know (and remember) one hyperlink: <https://bit.ly/fabxlive-sdgs>.

**This workbook** helps you before, during and after the online workshop. It is an MS-Word document; you can freely download your personal copy in which you can make your own notes.

**The Working Group -** The Workshop and related materials have been developed by the international working group "Fab Labs & SDGs", consisting of Pieter van der Hijden (The Netherlands & Suriname) plus global team: Enrico Bassi (Italy), Vaneza Caycho Ñuflo (Peru), Nagwa ElNwishy (Egypt), Neville Govender (South Africa), Ted Hung (Taiwan), Arundhati Jadhav (India), Beno Juarez (Peru), Yogesh Kulkarni (India), Noksy Letsoalo (South Africa), Jean-Baptiste Natali (New Zealand), Wendy Neale (New Zealand).

  
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1. Welcome and personal introduction (Plenary)

**The goal of this step is to welcome the participants and explain what we are going to do.**

  
*Step 1 and its substeps*

* The facilitator welcomes the participants, introduces herself, and eventual co-facilitators and explains the purpose of this workshop.
* The original workshop format is meant for participants from a single fab lab developing collaboratively a single SDG Profile for their own local fab lab.
* During FABxLive participants come from different fab labs and develop different profiles for their local fab labs.
* We explain: Why is the participant's input essential? What type of output might be expected (the SDG Profile of your lab)? What happens with this profile, what might be its impact?

1. Explore the Sustainable Development Goals (SDGs) (Plenary)

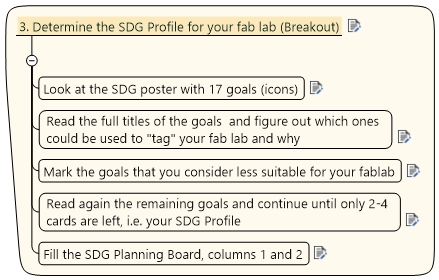
**The goal of this step is to get acquainted with the 17 Sustainable Development Goals and to mobilize the already existing knowledge and experience in this area.**

  
*Step 2 and its substeps*

* The facilitator introduces the concept of the 17 Sustainable Development Goals (SDGs) and shows what they can mean for fab labs. **Download the Presentation via** [**https://bit.ly/fabxlive-sdgs**](https://bit.ly/fabxlive-sdgs)**.**
* Important elements are:
* In 2015, countries of the world agreed on 17 Sustainable Development Goals which have to be reached by all in 2030.
* result of worldwide bottom-up process
* 17 goals with 169 targets
* time horizon 2016-2030
* for all countries of the world
* Paris climate agreement included
* annually monitored
* Although fab labs have many things in common, each of them has its own character based on the **context** in which it operates, the **resources** it has available and the **interests** of its staff and visitors. Fab labs can use the SDG's as a global frame of reference to express their mutual differences.
* By its SDG Profile a fab lab can clarify its potential impact on local, regional and global scale. This helps the Fab Lab Network to align its social activities and to make the labs and the network more sustainable itself as well. Where sustainable development goals and fab lab goals coincide, new opportunities for structural cooperation and sustainable funding emerge.

1. Determine the SDG Profile for your fab lab (Breakout)

**The aim of this step is to determine which 2-4 SDGs best suit the external orientation of the fab lab. We call this the SDG Profile of the fab lab.**

  
*Step 3 and its substeps*

SDG poster



Card deck

The next two pages contain the 17 SDGs with icons and extended titles. You can cut these out and use a selection on your planning board. On the last pages of this document you will find an empty planning board.

|  |  |
| --- | --- |
| 1. End poverty in all its forms everywhereE_SDG goals_icons-individual-rgb-01-600 | 2. End hunger, achieve food security and improved nutrition, and promote sustainable agricultureE_SDG goals_icons-individual-rgb-02-600 |
| 3. Ensure healthy lives and promote wellbeing for all at all agesE_SDG goals_icons-individual-rgb-03-600 | 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all  E_SDG goals_icons-individual-rgb-04-600 |
| 5. Achieve gender equality and empower all women and girls  E_SDG goals_icons-individual-rgb-05-600 | 6. Ensure availability and sustainable management of water and sanitation for all  E_SDG goals_icons-individual-rgb-06-600 |
| 7. Ensure access to affordable, reliable, sustainable and modern energy for all  E_SDG goals_icons-individual-rgb-07-600 | 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment, and decent work for all  E_SDG goals_icons-individual-rgb-08-600 |
| 9. Build resilient infrastructure, promote inclusive and sustainable industrialisation, and foster innovation  E_SDG goals_icons-individual-rgb-09-600 | 10. Reduce inequality within and among countries  E_SDG goals_icons-individual-rgb-10-600 |
| 11. Make cities and human settlements inclusive, safe, resilient and sustainable  E_SDG goals_icons-individual-rgb-11-600 | 12. Ensure sustainable consumption and production patterns  E_SDG goals_icons-individual-rgb-12-600 |
| 13. Take urgent action to combat climate change and its impacts (taking note of agreements made by the UNFCCC forum)  E_SDG goals_icons-individual-rgb-13-600 | 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development  E_SDG goals_icons-individual-rgb-14-600 |
| 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradation, and halt biodiversity lossE_SDG goals_icons-individual-rgb-15-600 | 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levelsE_SDG goals_icons-individual-rgb-16-600 |
| 17. Strengthen the means of implementation and revitalise the global partnership for sustainable developmentE_SDG goals_icons-individual-rgb-17-600 |  |

Example: Planning Board, columns 1-2

* You can find your empty planning form near the end of this workbook.
* You can also prepare your own cards to stick in the left column (by printing and cutting the model at the end of this workbook); or, to save time, you can simply write the numbers of the selected SDGs in column 1 of your planning board (pencil recommended).

  
*Example of SDG Planning Board with column 1 filled with selected SDG cards, column 2 filled with colored stickers*

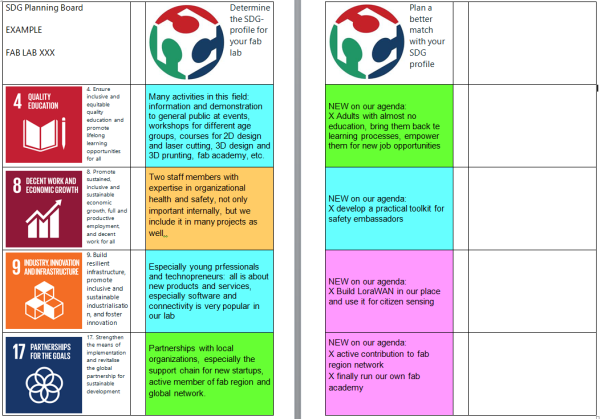
1. Plan a better match with your SDG Profile (Breakout)

**The purpose of this step is to check (for the SDGs from the SDG Profile) what the official underlying "targets" are and determine how the fab lab could fit in with its activities.**

  
*Step 4 and its substeps*

* Look up the underlying targets for each of the SDGs from your SDG profile in our interactive mind map; open the mind map via <https://bit.ly/fabxlive-sdgs>.

Example: Planning Board, columns 1-3

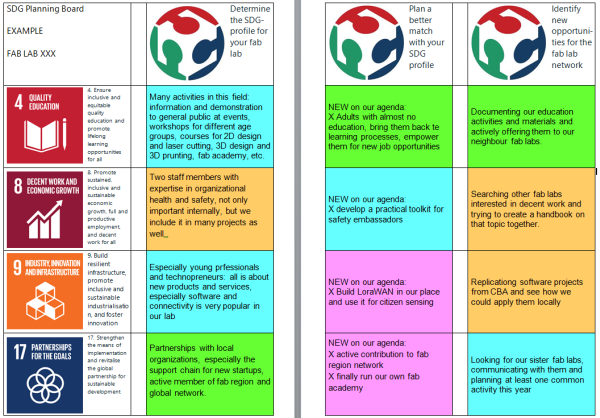
  
*Example of SDG Planning Board with columns 1-2-3 filled*

1. Identify new opportunities for the Fab Lab Network (Breakout)

**The purpose of this step is to indicate what added value the fab lab can have for the Fab Lab Network (based on its SDG Profile); and vice-versa.**

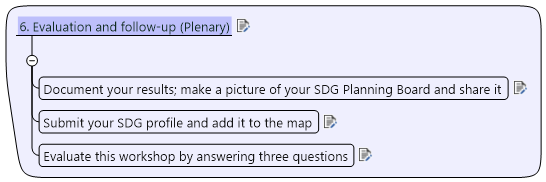
  
*Step 5 and its substeps*

Example: Planning Board, columns 1-4

  
*Example of SDG Planning Board with columns 1-2-3-4 filled*

1. Evaluation and follow-up (Plenary)

**The goal of this step is to make arrangements for the follow-up and evaluation of the meeting.**

  
*Step 6 and its substeps*

* **Submit the Fab Lab SDG Profile Registration Form via** [**https://bit.ly/fabxlive-sdgs**](https://bit.ly/fabxlive-sdgs)**.** Please allow two business days for processing
* **Fill and submit the evaluation form via** [**https://bit.ly/fabxlive-sdgs**](https://bit.ly/fabxlive-sdgs)**.**

1. Appendices

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| SDG Planning Board  FAB LAB: |  | Determine the SDG-profile for your fab lab |
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| Plan a better match with your SDG profile |  | Identify new opportunities for the fab lab network |
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