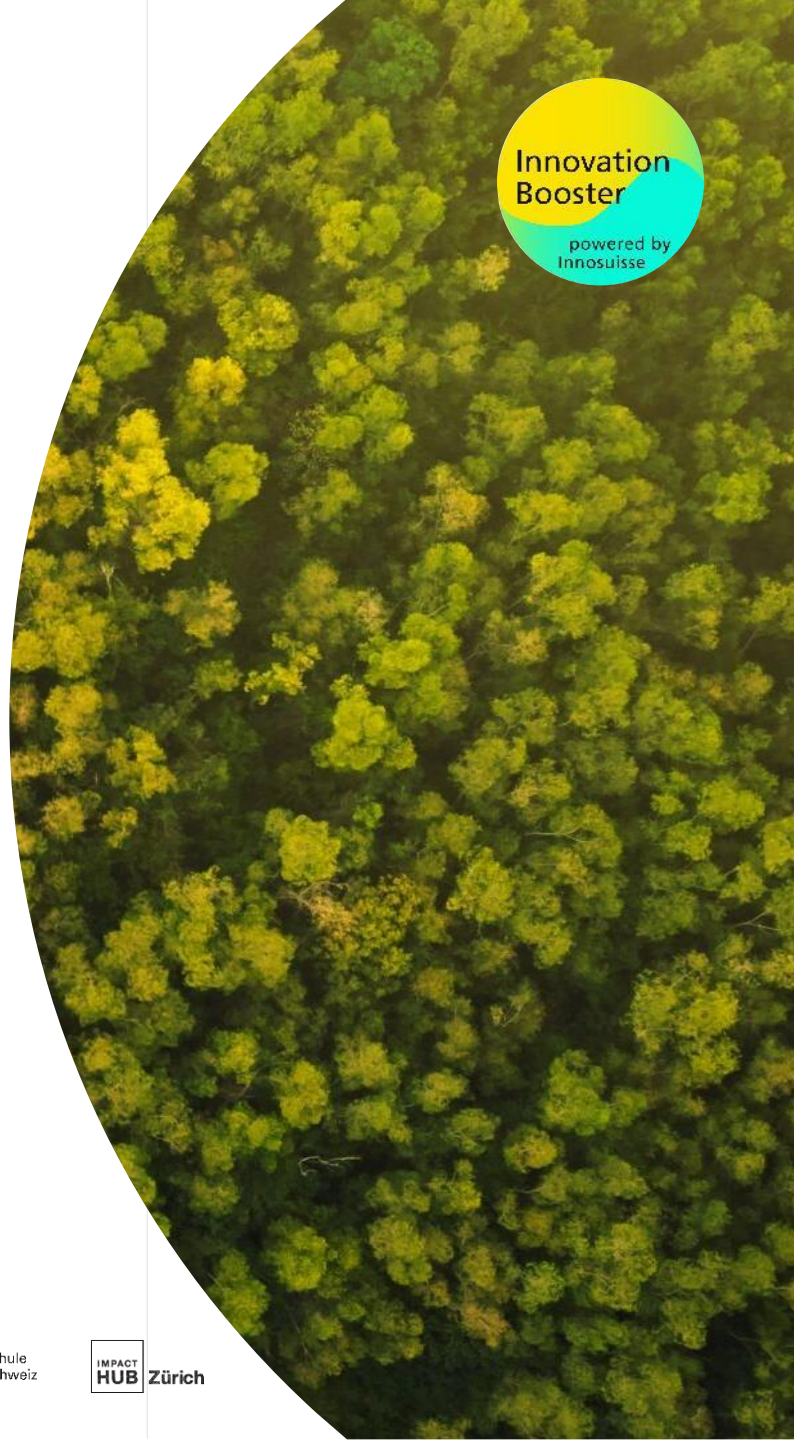




CARBON REMOVAL BOOSTER



Program Information

February 2024

Background | What is the Carbon Removal Booster?



The Carbon Removal Booster is the first **open innovation program** in Switzerland created to bring together key stakeholders to jointly **develop and test ideas** for new solutions needed to address important challenges in the **carbon removal (CDR) space**.

We create an inspiring open innovation environment to spark and develop ideas by:

- **Funding** twelve innovation teams annually with up to CHF 24'000 each
- Providing **support** to further develop the desirability, viability, and feasibility of the ideas
- **Connecting** key stakeholders of the carbon removal domain and facilitating collaboration

Management | The core team combines CDR and innovation experience from academia and business

sus.lab **ETH zürich**



Aliénor von Roten
Senior Project Manager



Oliver Akeret
Co-lead sus.lab




Martynas Bagdonas
Project Manager




Niklas Stolz
PhD Candidate

Overall strategy and program management, ecosystem architecture, tailored (innovation team) support

rem:ive



Marian Krüger
Co-Founder



Rawan Gebran
Senior Director

Innovation team coaching

RISIKO_DIALOG **Swiss Carbon Removal Platform**




Dr. Samuel Eberenz
Project Manager




Nicolas Solenthaler
Project Manager

Support on challenge identification

n|w Fachhochschule Nordwestschweiz




Dr. Pavlina Pavlova
Research Associate



Ananda Wyss
Research Associate

Open innovation workshops

Empa



Dr. Björn Niesen
Managing Director

Overall program support

IMPACT HUB Zürich

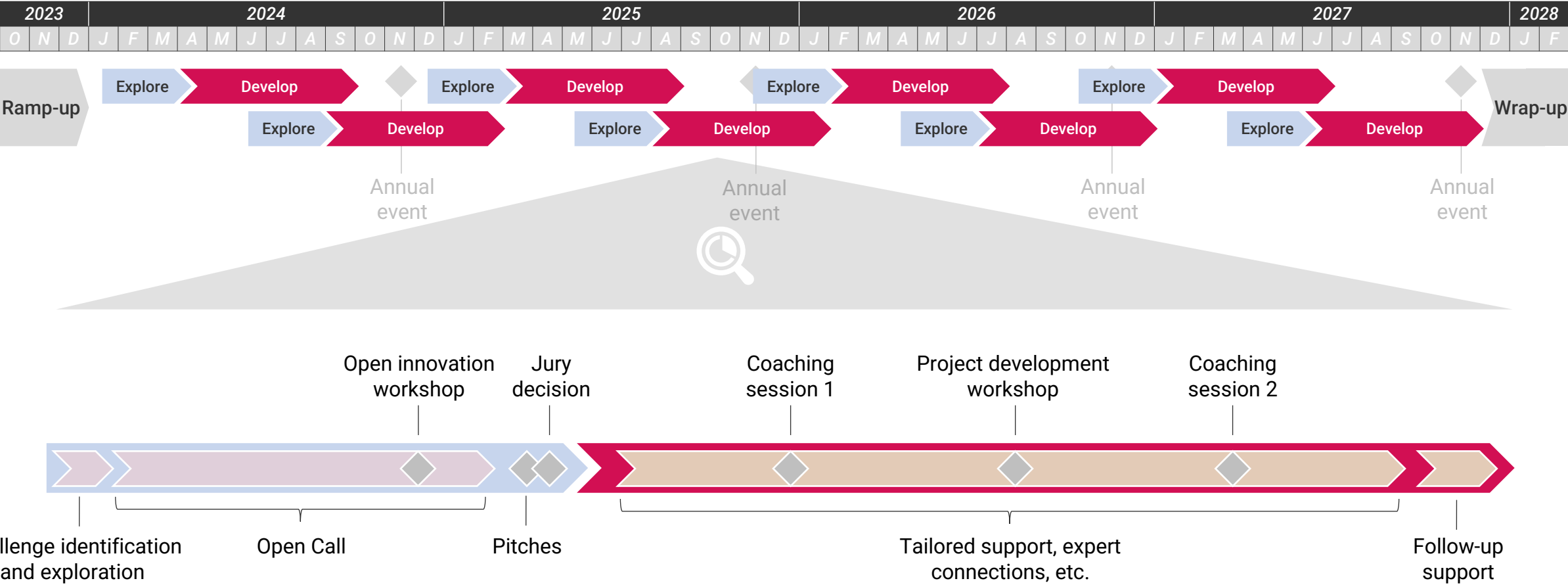


Eliane Albrecht
Program Manager

Annual event



Overview | Over four years, the Carbon Removal Booster will fund and support 48 innovative projects in eight cohorts



Benefits | Why should you apply to the Carbon Removal Booster

Knowledge

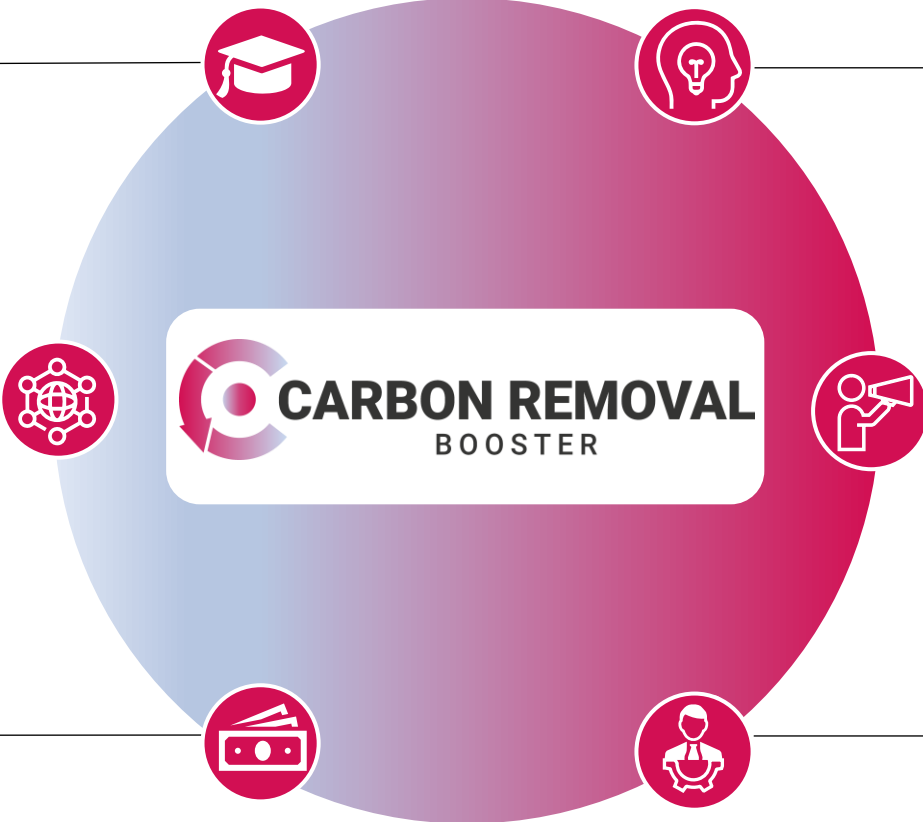
Share your expertise, stay up-to-date, and get access to the latest scientific findings around CDR

Community

Become a member of our community and engage with experts from research, business, politics and society

Financial support

Receive up to CHF 24'000 funding to further develop and test your idea along your implementation path



Co-creation and design thinking

Team up with CDR enthusiasts to develop your ideas and move from the problem to the solution space

Communication

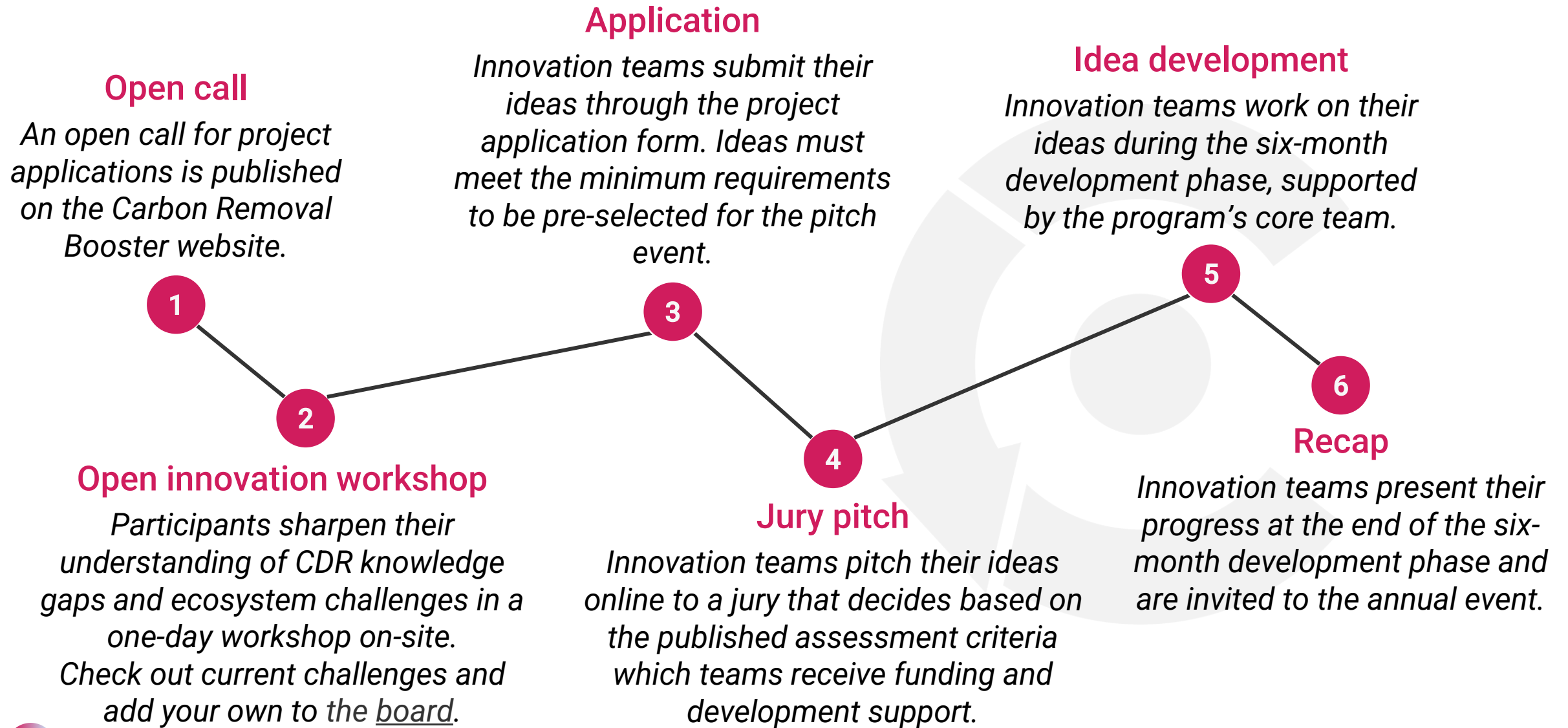
Broadcast your solution to community members, policy-makers and the public

Co-working space

Benefit from our core partner's offer and meet your innovation team members at Impact Hub's co-working spaces



Process | Understand the Carbon Removal Booster from start to end



Challenges | Get inspired by posted challenges, add your own challenge to the board or have a team develop a solution to your challenge

How you can use the Carbon Removal Booster challenge Miro board:



Click here to access

Help with applying

You want to apply but do not have a concrete idea on what you want to work on:



Get inspired by the challenges that are already collected on the board and come up with an idea that addresses one of the challenges!

You do not need to address one of the specific challenges in order to apply!

Want to explore

You want to explore the vast number of challenges and propose new ones:



Access the Miro board and explore the challenges that have already been identified and add new ones that you think have not been mentioned to provide food for thought!

Specific challenges

You have a specific challenge that you would like a team to work on:



Contact us and we can discuss the best way to encourage participants to apply with ideas addressing your specific challenge!



Pre-Requisites | Who can apply to the Innosuisse Booster program?



- ✓ **If you are** a student, researcher, entrepreneur, startup, SME, large company, non-for profit, city, canton, or just anybody who...
- ✓ Is open for co-creation, diversity and outside-of-the-box-thinking,
- ✓ With an idea for a new product, service, process or business model, that
- ✓ Has an impact on enabling, supporting or pushing forward the development of carbon removal technologies and its ecosystem in Switzerland and possibly beyond, and
- ✓ Has the potential for disruption and the capability to be developed into a project.



- ✓ **If you have** the intention of implementing your solution possibly beyond the booster program,
- ✓ With a team possessing the necessary competences and consisting of:
 - at least one academic research partner and
 - one implementation partner (legal entity based in CH)
 - one member of the team that has participated in the open innovation workshop

Contact us if any of these points are an issue for you

Pre-Selection

The Booster leading house will:

- Check the applications with regards to the pre-requisites and possibly get back to you if anything is missing.
- Pre-select teams for the pitch event based on the pre-requisites stated here and along the jury evaluation criteria.
- Notify teams no later than 26 March 2024 whether they have been selected for the pitch event.

Spring 2024 call | Evaluation criteria for the jury to decide which of the pre-selected teams receive funding and development support

Evaluation criteria	Description	Score
Level of innovation ✓ <i>Is it new?</i>	<input type="checkbox"/> To what degree does the idea present a potential pathway to a novel technological, economic and/or social CDR solution? <input type="checkbox"/> Does the idea have a transformative character that can initiate change?	1-5
Desirability ✓ <i>Is it needed?</i>	<input type="checkbox"/> Is it reasonable to think that the final users will need or want to use the CDR solution? <input type="checkbox"/> Does the idea have the potential to create sustainable added value for the implementation partner and the CDR ecosystem in Switzerland?	1-5
Viability ✓ <i>Can it be commercialized?</i>	<input type="checkbox"/> Does the idea seem worth pursuing, and is the commercialization of a business model sustainable? <input type="checkbox"/> Can this business model be scaled effectively, and/or can findings be transferred to other cases?	1-5
Feasibility ✓ <i>Can it work?</i>	<input type="checkbox"/> Is it reasonable to assume that the solution can (technically) be implemented or realized? <input type="checkbox"/> Are the necessary resources (e.g., technology, team, capital) available to develop the idea?	1-5
Methodological approach ✓ <i>What's the plan?</i>	<input type="checkbox"/> Will the funds be used to test the idea efficiently and with methodological rigor? <input type="checkbox"/> Does the innovation team have a plan to further explore and verify all necessary aspects (desirability, viability, feasibility) to reach a solid innovation implementation plan?	1-5
Team ✓ <i>Who's in?</i>	<input type="checkbox"/> Does the team have the skills and experience required and are they committed to the venture? <input type="checkbox"/> Does the innovation team demonstrate diversity and inclusiveness?	1-5



Please make yourself familiar with the scoring criteria before the pitch event if you've been pre-selected

The pitch event will be online and open to all pitching teams and the public





Contact us!

www.cdr-booster.ch

Aliénor von Roten
Program Lead

contact@cdr-booster.ch