



Open Innovation Challenge – Save the Date

## Boost circular economy through Additive Manufacturing

For decades, society is confronted with an ever-increasing demand for resources and energy, and consequently steadily increasing waste. The proper handling of resources, the design of production processes, and the use and reuse of products and related materials require innovative concepts across the entire value chain.

Additive manufacturing can play an important role in this systemic challenge, providing potentials for radical innovation and solutions for a circular economy.

We plan to focus on the following fields of interest:

Process and Material Design	Design for Eternity	Design for Repair and Re-use
<ul style="list-style-type: none"> <li>• use side streams</li> <li>• degradable and recyclable materials</li> <li>• biomaterials</li> </ul>	<ul style="list-style-type: none"> <li>• traceability, separability</li> <li>• integration of intelligence</li> </ul>	<ul style="list-style-type: none"> <li>• disassembling &amp; recycling</li> <li>• repairability and modularity</li> <li>• directory of reusable parts and materials</li> </ul>

**Not your 1<sup>st</sup> choice? Let us know where you want to focus on!**

In our workshops (2 dates), you will discuss and develop needs and ideas in interdisciplinary teams together with **experts from the Innovation Boosters Additive Manufacturing and Applied Circular Sustainability on how additive manufacturing can make an important contribution on the way to a circular economy.**

The best ideas will be funded for further work with up to CHF 25k.

<p><b>1st day: Challenge Framing</b></p> <p>Tuesday, 28<sup>th</sup> of March 2023</p> <p>Proof of Concept Lab Lagerplatz 24, 8401 Winterthur</p> <p><b>Content</b> Understanding the problems</p>	<p><b>2nd day: Ideation</b></p> <p>Tuesday, 2<sup>nd</sup> of May 2023</p> <p>HES-SO Valais-Wallis Rue de l'Industrie 21, 1950 Sion</p> <p><b>Content</b> Develop and presenting ideas</p>
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This workshop is open to experts from industry, economy, politics, society and academia. Participation is free of charge. Number of participants is limited.

**Registration:**

[www.ibam.swiss/registration-oic](http://www.ibam.swiss/registration-oic)  
registration deadline: 14<sup>th</sup> of March 2023

**Further information and Contact:**

IBAM: [Website](http://www.ibam.swiss) email: [contact@ibam.swiss](mailto:contact@ibam.swiss)  
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