



## From Ideas To Impact



### 3.12.2018 Aalto Startup Center, Innovation Services & European Space Agency's Business Incubation Centre Finland at Slush.

**See you there! Booth: 6b.3.**

**Aalto Startup Center** along with Innovation Services is proud to be part of SLUSH. This year, we are highlighting some startups from our business generator program, Aalto-based research commercialization cases (Innovation Services) and ESA BIC Finland. You can find us at SLUSH. Booth: 6b.3. You are welcome to check out our Showcases.

The Innovative and unique ecosystem of Aalto Startup Center runs a Business Generator program for startups in Espoo, Finland. Aalto Startup Center includes business professionals who keep the business generator model running in many different ways (IPR, finance, funding, go-to-market, sales, team building). Access to Aalto University's pool of knowledge and resources, such as their research. European Space Agency's Business Incubation Center in Finland is a part of Aalto Startup Center. You can find us at SLUSH.-Let's see what we can offer you.

#### **Silmux**

Silmux is building a chair that helps you to improve your focus on a specific task and when needed it allows you to enjoy a total mindfulness experience in quietness or with the vibes of your favorite music. **Come sit and try it out:** <https://vimeo.com/303686022/31dd12e4c3>

#### **Teraloop**

Teraloop is a grid-scale energy storage system that can provide a future alternative to batteries. This renewable green energy storage balances energy supply and demand. **See you at showcase there:** <https://vimeo.com/303723663/62eb9f0539>

#### **Smartifier**

**Test your balance with Smartifier's Standout Balance board. The best one of the competition will win the board!** Standout Balance is a smart balance board with apps for both professionals and consumers. Balance is a fundamental skill, especially in sports. Standout Balance combines high technology and the latest knowledge on how to improve performance and avoid injuries. **See you at the showcase there:** <https://vimeo.com/303686045/22c0749fd3>

#### **Netradar**

Netradar is a provider of a mobile analytics platform. Their solution optimizes access to essential data for marketing, technology, sales and customer support for mobile operator and app developers. **See you at the showcase there:** <https://vimeo.com/303686001/35e882d5e6>

#### **Inforglobe**

A spin-off from President Martti Ahtisaari's Crisis Management Initiative, Inforglobe offers participatory decision making software that helps clients in handling complex issues related to strategy and risk management. **See you at the showcase there:** <https://vimeo.com/303723629/9aae75e058>

And our edutech startup **Cuppla** will be part of the [Slush 100 pitching competition](#), and check out **Forethink** at their demo-booth number **B14** on **December 4th**.

## **Aalto Innovation services / Aalto based research cases at the booth**

[Innovation Services](#) is responsible for the management of inventions, intellectual property and technology transfer at Aalto University, facilitating the translation of research and other university activities into societal impact through commercialization, which is Innovation Services' priority.

Innovation Services employs a skilled team including Innovation Advisors with knowledge in intellectual property rights and commercialization as well as domain expertise. The Innovation Advisors evaluate, develop and transfer research project results and inventions to commercial use in close cooperation with researchers, also supporting researchers in the preparation and completion of commercialization projects. Innovation Services protect Intellectual Property Rights owned by Aalto University and for negotiating and executing the transfer of license agreements with commercial entities together with the legal counsels of Research and Innovation Services.

Tutli is a tool used at Innovations Services to enable research to be spun out into businesses. Business Finland provides funding for projects by research organizations that help to commercialize a research idea (TUTLI, Tutkimuksesta Liiketoimintaa). This funding is aimed at academic research groups who want to create new businesses and commercialize their ideas. There are two calls for applications every year: one in the Spring and one in the Autumn.

Aalto Innovation Services assists research teams with the entire process. Innovation advisors in each school advise teams throughout the application, pitching, and commercial development phases. The research teams coached by Aalto Innovation Service have had a high success rate in funding and commercialization. Aalto has so far conducted or is conducting 69 TUTL projects with the funding of €31 M. These have led into 29 commercialized start-ups or products on the market and raised private seed funding of €50 M. The industries ranges from solar cell, to life science & healthcare to the industrial internet.

**5 separate commercial projects are at the booth (6b.3). They are early-stage Startups.**

### **Aitocode**

Artificial intelligence- assisted software development. Aitocode is also participating in the pitch competition of Slush 100. **See Aitocode's concept video:**

<https://www.youtube.com/watch?v=PVCWrWI6J14> (English subtitles)

### **loncell**

Their technology can turn used textiles, pulp or recycled paper in new textile fibers without harmful chemicals. Jenni Haukio, spouse of Finnish President Sauli Niinistö, will wear an loncell evening gown to this year's Independence Day reception on 6 December. **See loncell's concept video:**

<https://www.youtube.com/watch?v=IK8l2KfFhGo> (English subtitles)

### **Maculaser**

Using a photothermal therapy device, Macular is developing a novel treatment for age related macular degeneration. **See Maculaser's showcase here:** <https://www.youtube.com/watch?v=Y0jkmeQ5A5A> (English subtitles)

### **Prinenergy**

Novel solar cell structure integrated directly onto glass. link:

<https://www.youtube.com/watch?v=VKr0oBqbzPA> (English subtitles)

### **XFold Imaging**

Their technology called Surface Enhanced Biomedical Imaging can produce 100 folds images.

**Link to showcase:** <https://www.youtube.com/watch?v=dG3BPQvjsMk> (English subtitles)



**esa**

## **business incubation centre Finland**

**[ESA Business Incubation Centre Finland](#) was founded in 2017 in Finland and this year we have showcases at Slush, and also Startup showcases from Sweden, Switzerland and Italy. Come meet us at the booth: 6b.3.**

[The European Space Agency's](#)(ESA) Business Incubation Centre in Finland was founded in 2017 to support aspiring innovative entrepreneurs and start-ups financially and technically to reveal their full space potential. We are part of the wider European [ESA-BIC network](#). We help you to introduce new technologies to the ESA and its partners or to transfer existing ESA space technologies such as [satellite data](#) to terrestrial uses, whether consumer, business or both.

We welcome ideas and business models proposing New Space solutions and technologies from positioning and navigation to communications, robotics, nanosatellites, Augmented Reality, autonomous driving and self-flying devices, novel materials and Artificial Intelligence, just to mention a few. As long as at least part of your business model is soundly based on utilizing or improving space solutions, you are welcome to send us your proposal; the sky is NOT the limit!

At our booth you can take a selfie with a Mars spaceman, please share it with the hashtag #esaspaceman @esabicfinland on social media.

**Addcomposites** is the world's first plug-n-play solution for Advanced Composites Manufacturing enabling approx. 3 times faster turnaround, 15 times more cost efficiency and 80% lower labour costs. Addcomposites team has roots in the Indian Space Research Organization and has graduated from Aalto University with which the manufacturing process was developed and patented to address the needs of SMEs. The now granted patent belongs to Addcomposites. **Link to showcase video:** <https://vimeo.com/303512372/2f46963aa8>

**Solar Foods**, an ESA BIC Finland portfolio company since November 2018, is almost literally making protein foods out of thin air: they are unlocking natural protein from mother nature by producing an entirely new kind of nutrient-rich single-cell protein using CO2 and electricity. The electricity can come from e.g. solar panels. This will revolutionize food production as Solar Foods' production is not dependent on agriculture, the weather, or climate.

**Collective Crunch** is the leader in AI for the forestry industry. It was the first company to be selected into the ESA BIC Finland program. Collective Crunch collects climate, geo and technical data and crunch this information for deeper insights. **Link to video showcase:** <https://vimeo.com/303515460/a4b25d8f15>

**SEE YOU AT SLUSH!**

**For more information, check out our website on the** <https://startupcenter.aalto.fi/aalto-startup-center-slush/>

**Follow us:** Facebook, Instagram, Twitter and LinkedIn  
@aaltostartupcenter, #businessgenerator

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