AAU Innovate Digital Twin

**AAU Create (Coming soon)** 

AAU Clinical Trial (Coming soon)

The main AAU Innovate platform

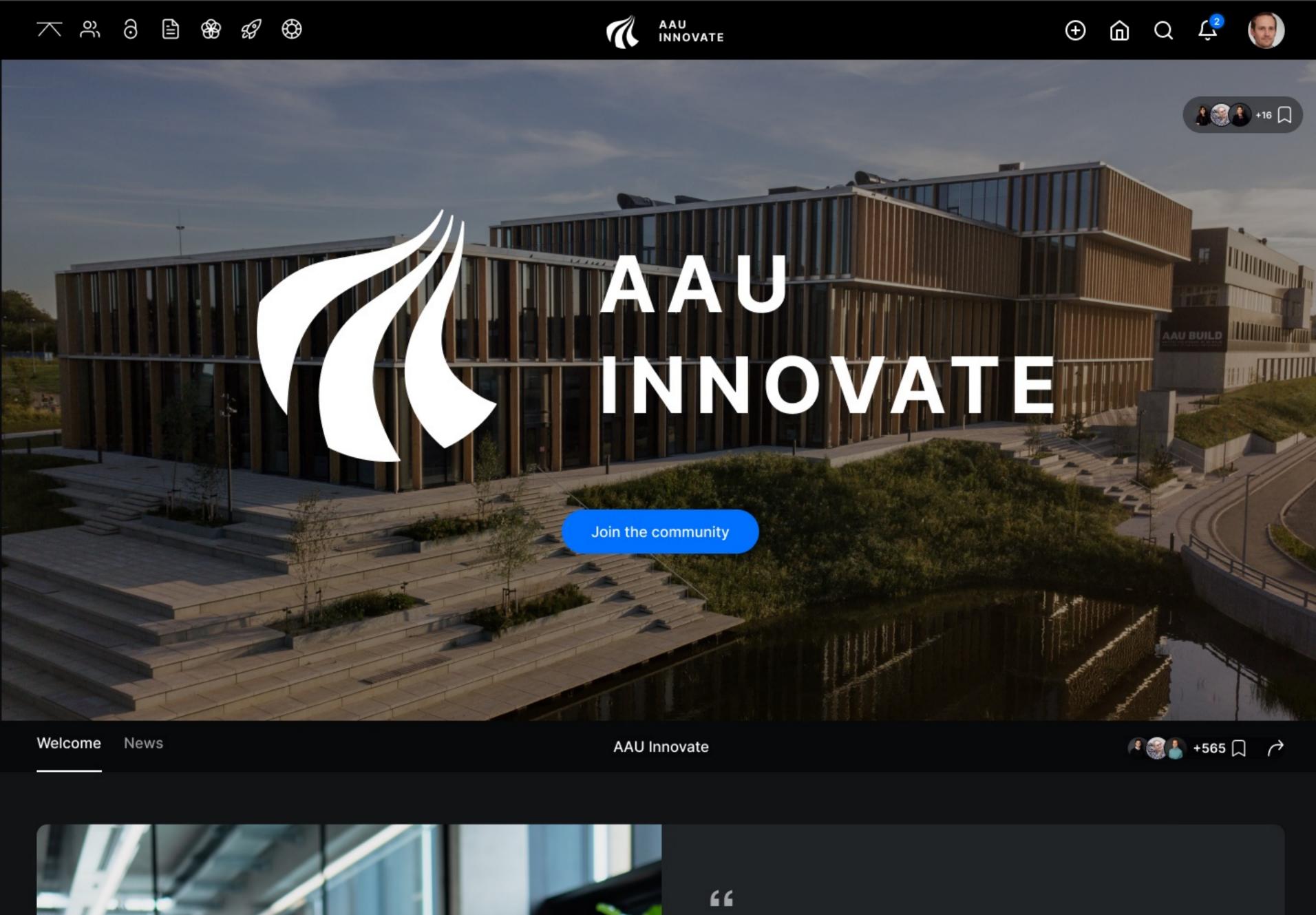
External collaboration / challenge

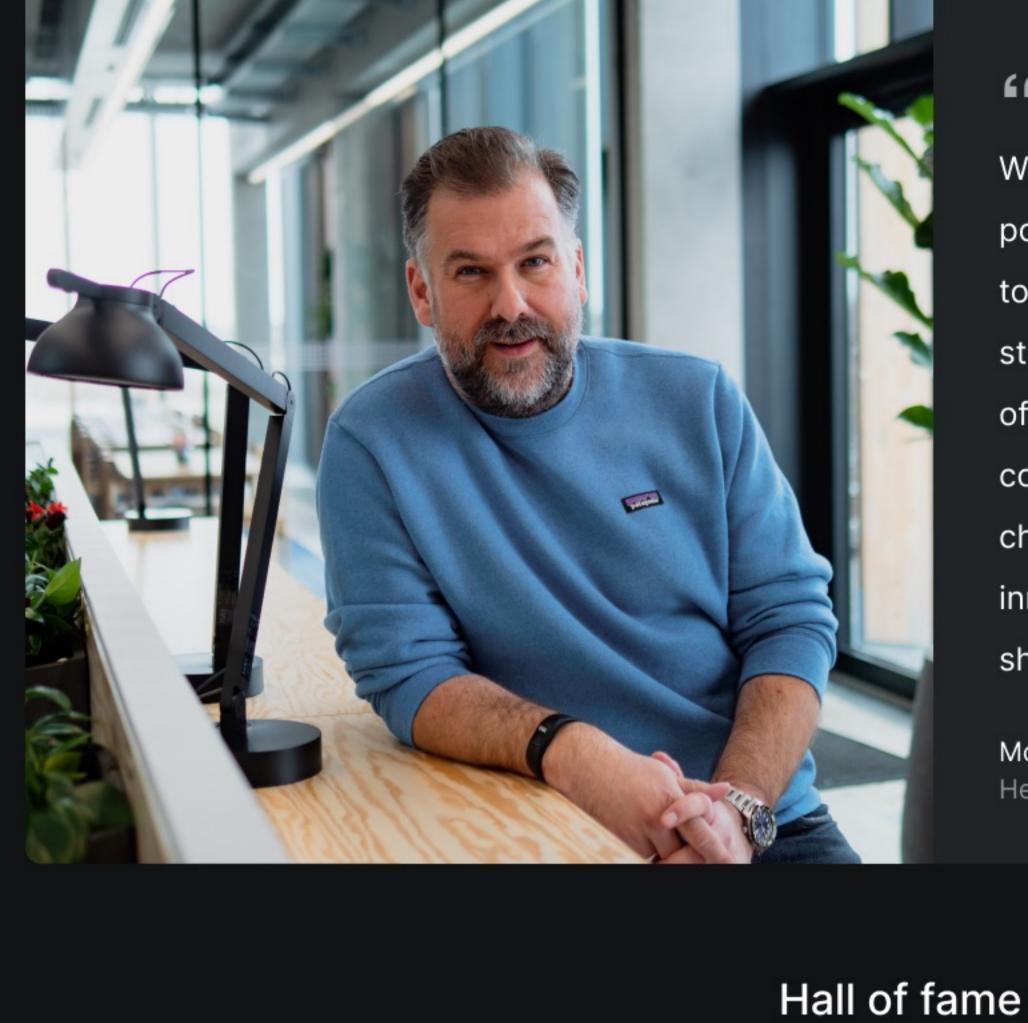
The case

About Thirdroom









possibilities thrive! Here, you have the opportunity

to connect with AAU Innovate and explore our state-of-the-art labs, follow the inspiring journey of our incubated startups, and engage in collaborative efforts to tackle real-world challenges. Join us on this exciting quest for innovation and transformation. Together, let's shape a brighter future! Morten Dalgaard Head of department, AAU Innovate

Welcome to the AAU Innovate platform, where

BrainTape

+260

By ( AAU INNOVATE

# **4 360** valentin

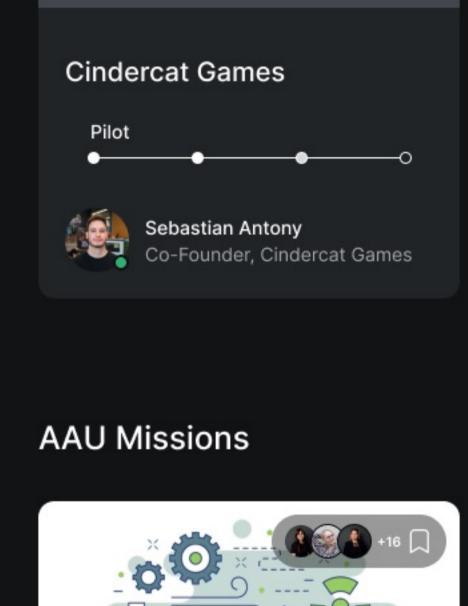
BrainTape

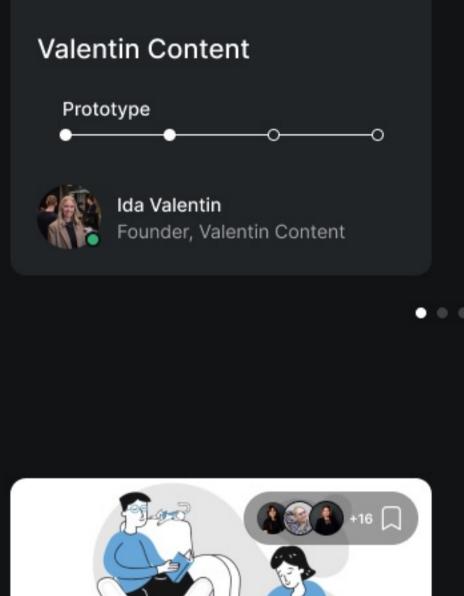
By ( AAU INNOVATE



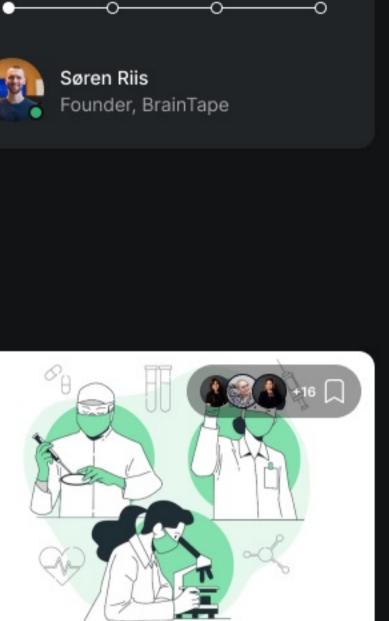
Startup incubator

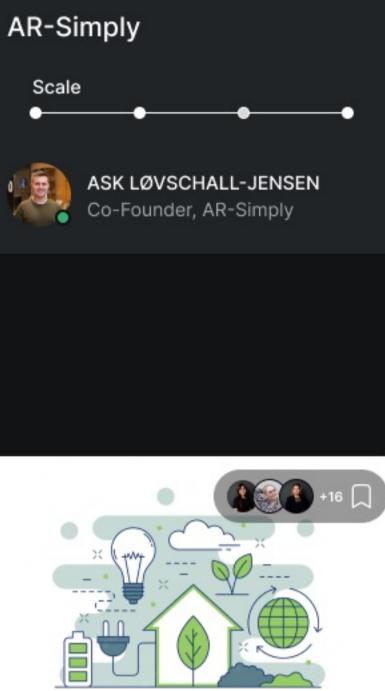
+430





content





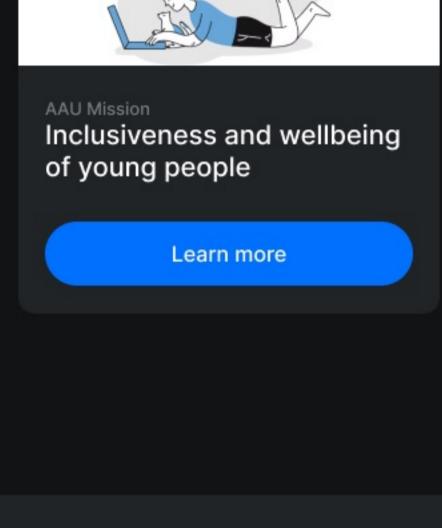
**AR-Simply** 

+250

By ( AAU INNOVATE

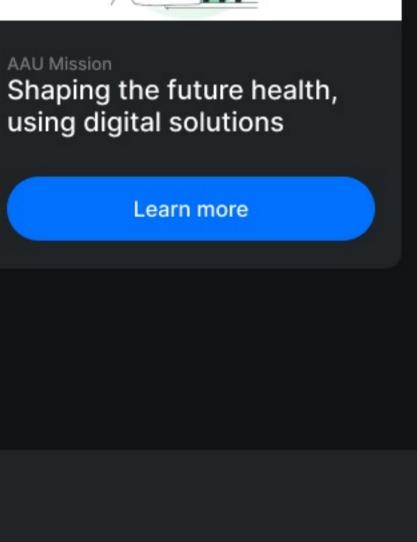


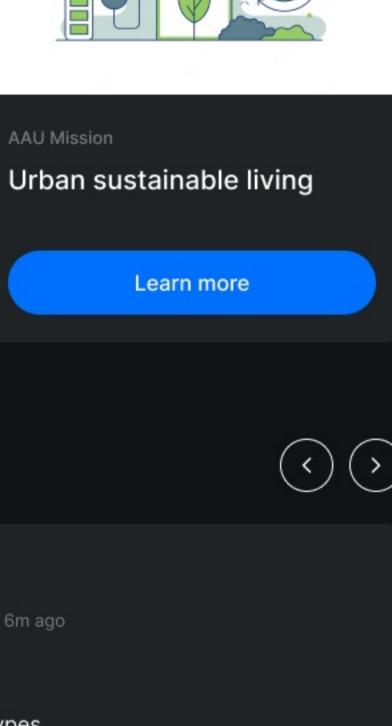
See all

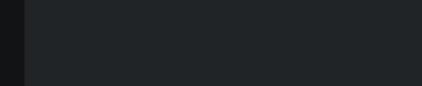


Christoffer B. Mørch

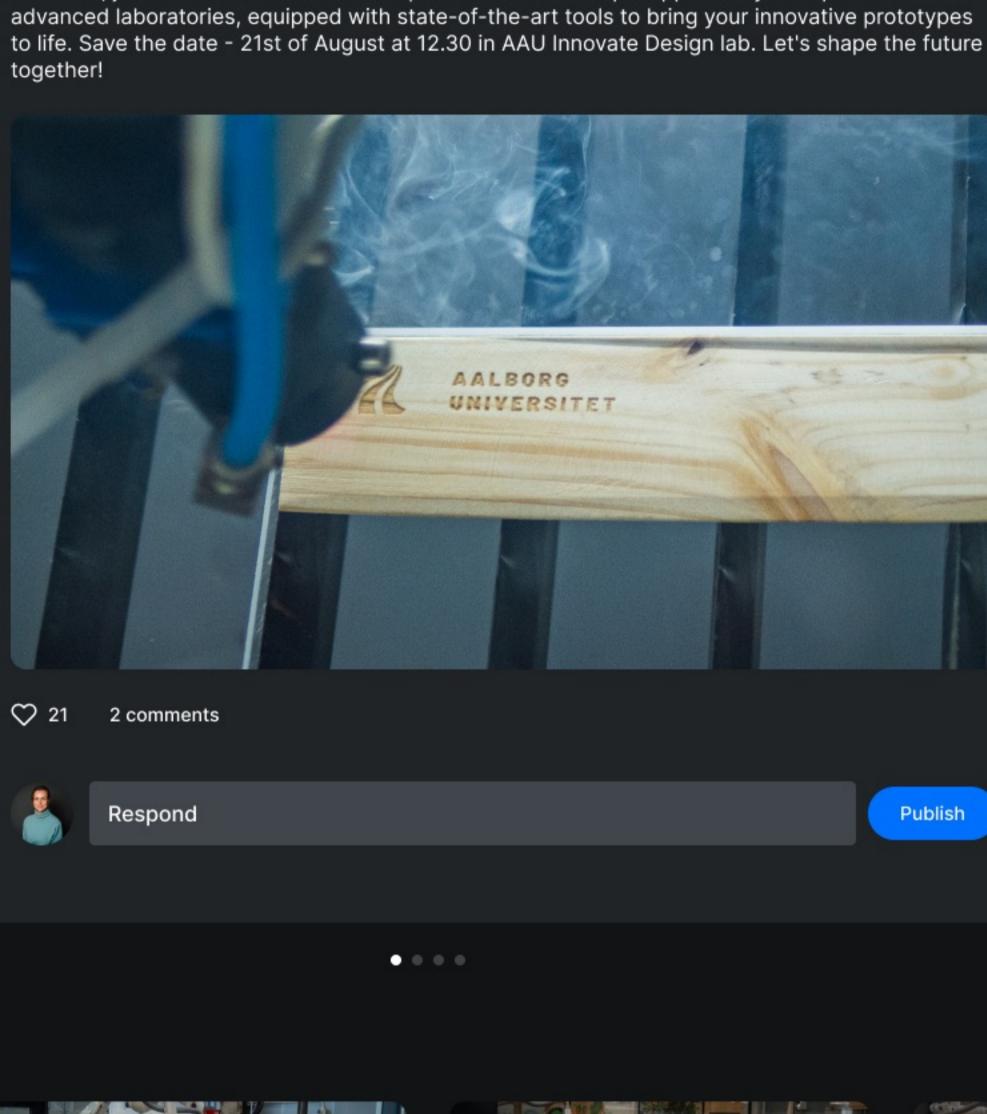
Lab Master, AAU Innovate



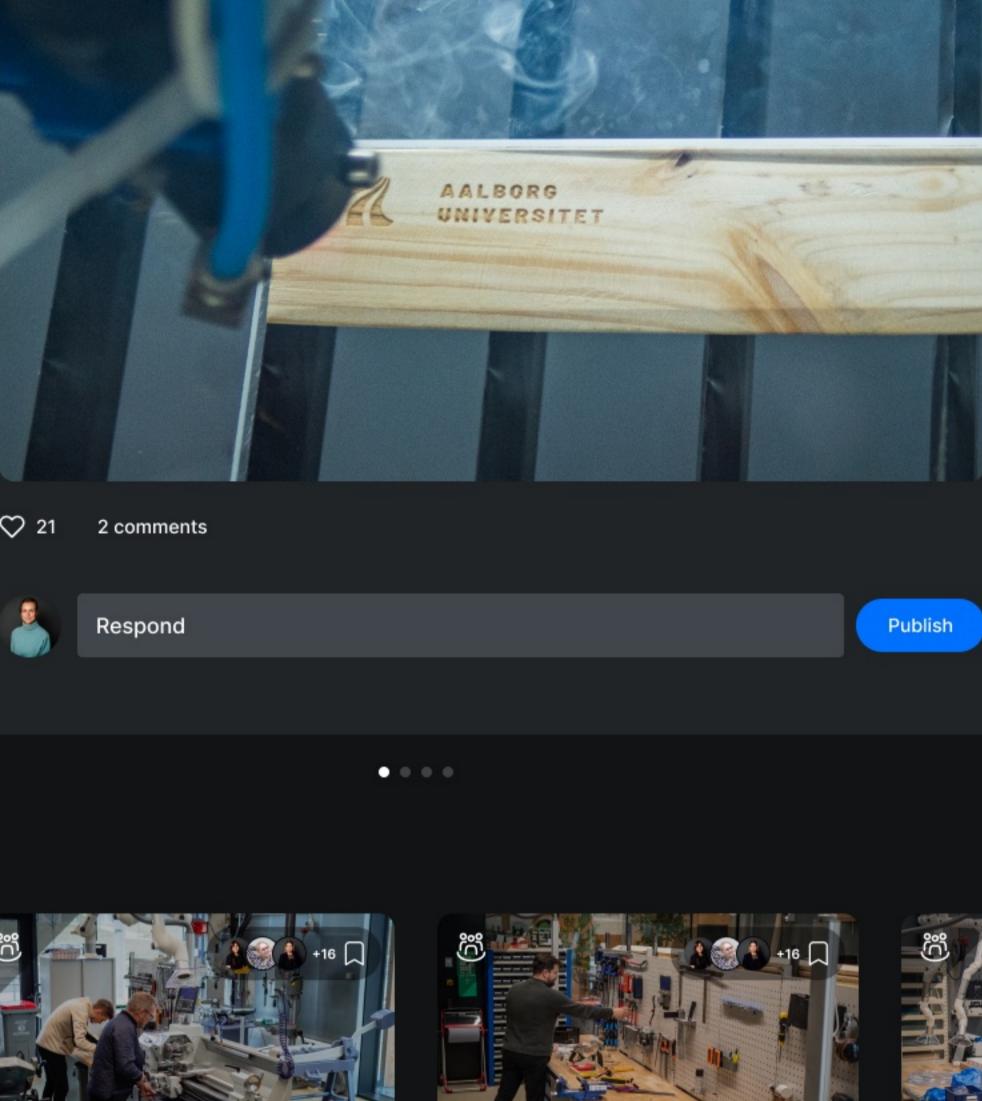


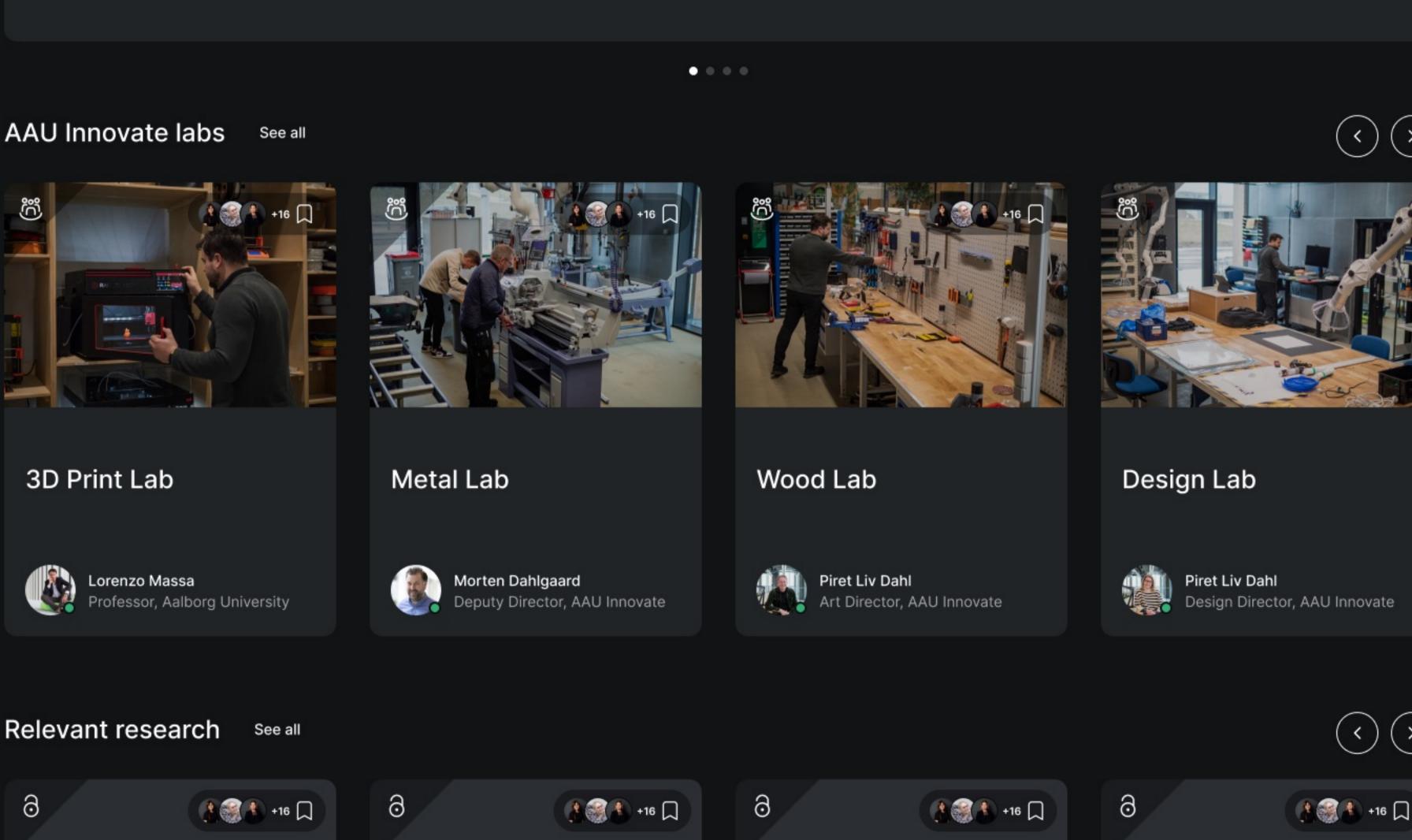


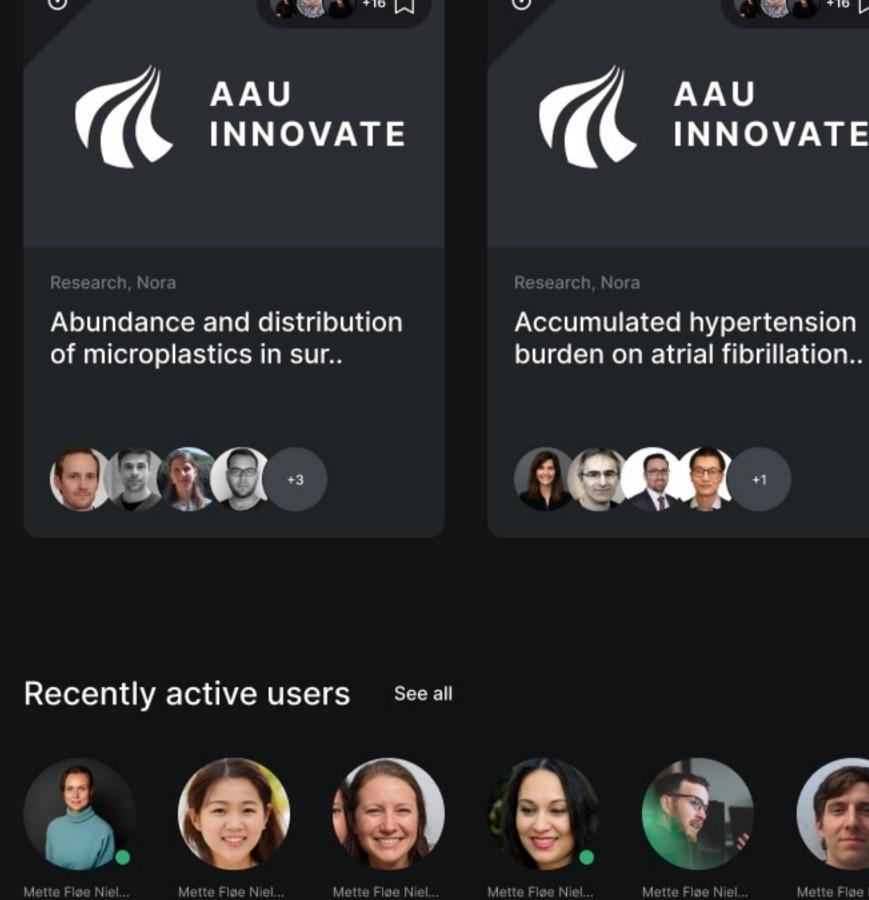
**AAU Innovate news** 

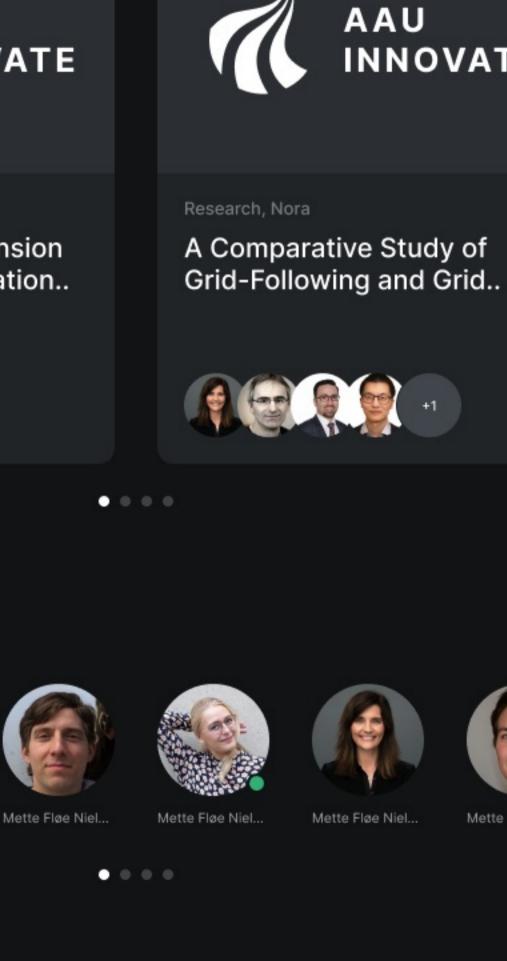


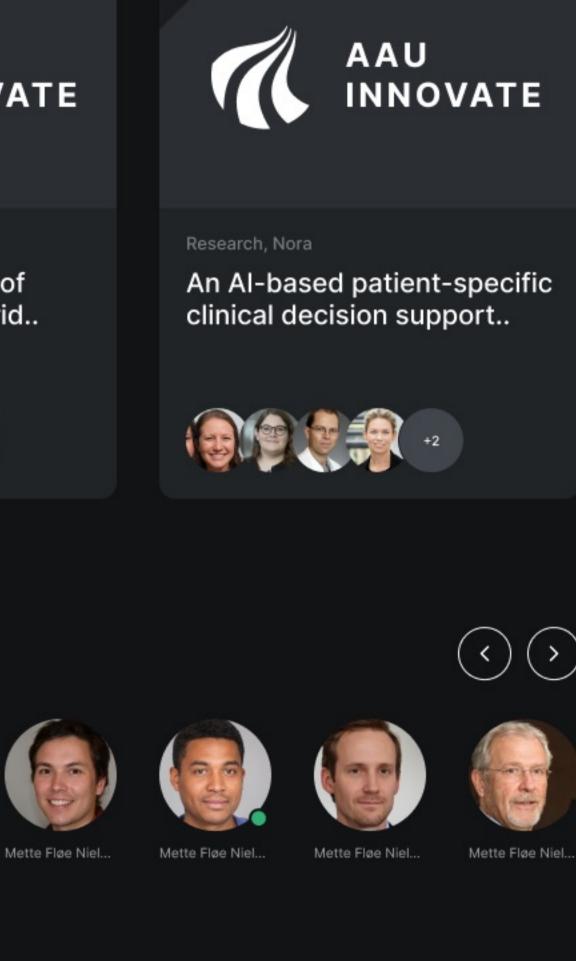
Students, join us at the AAU Innovate Open House for a unique opportunity to explore our

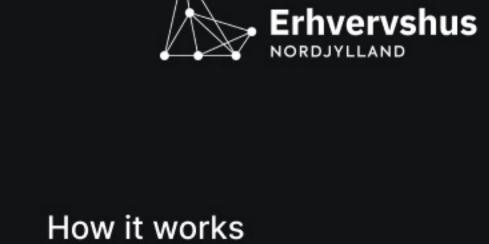








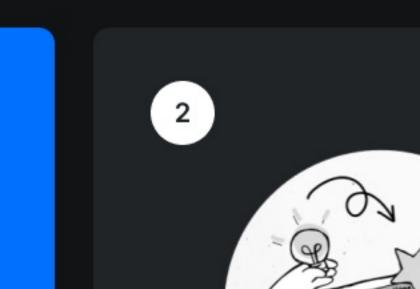




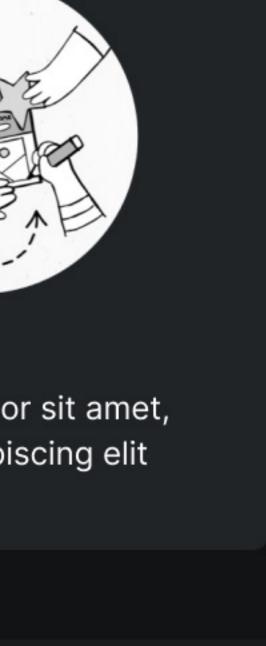
Featured partners

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See all

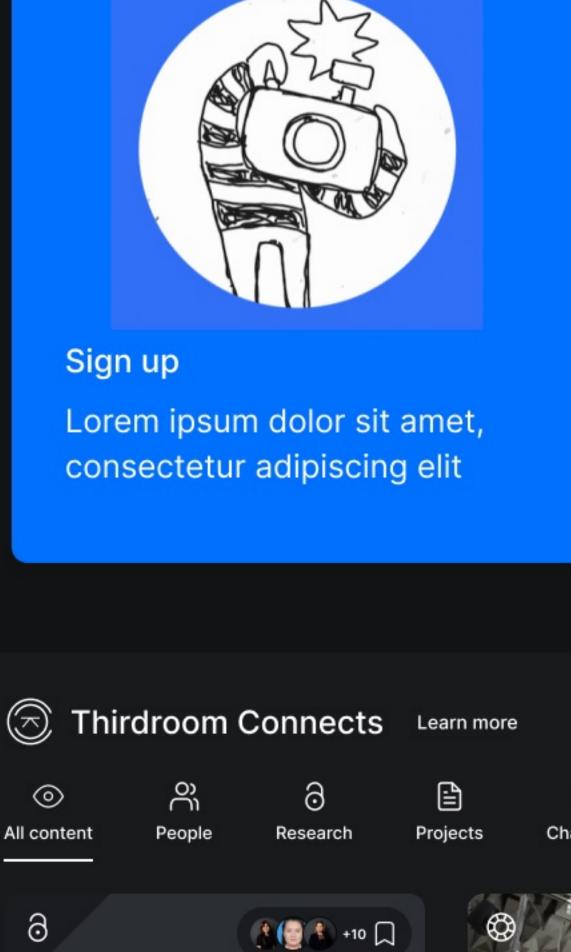


GRUNDFOS





National Open



National Open Research Analytics

Research, AAU

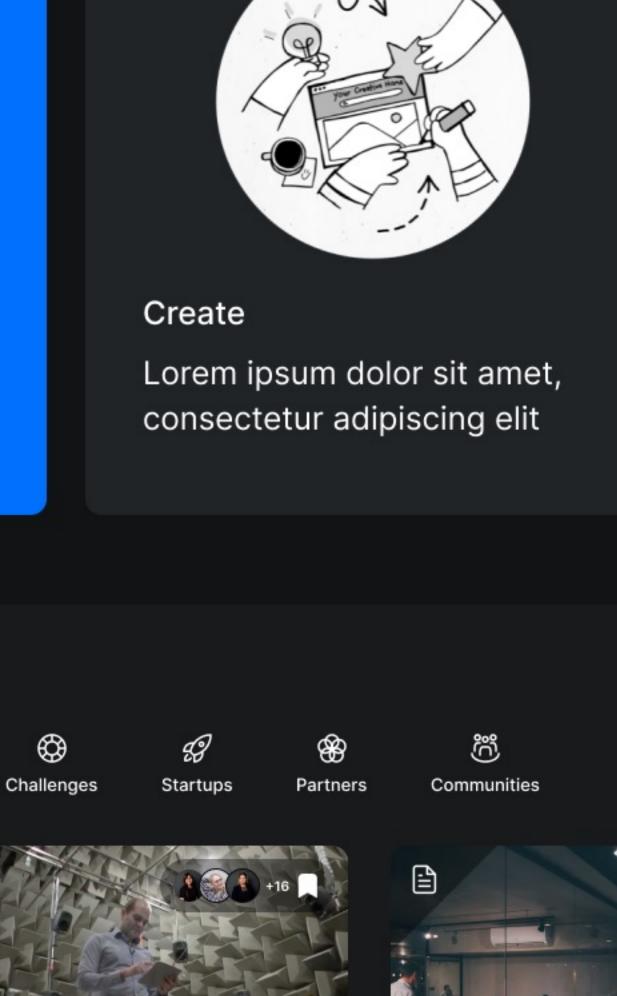
Persistence in University-

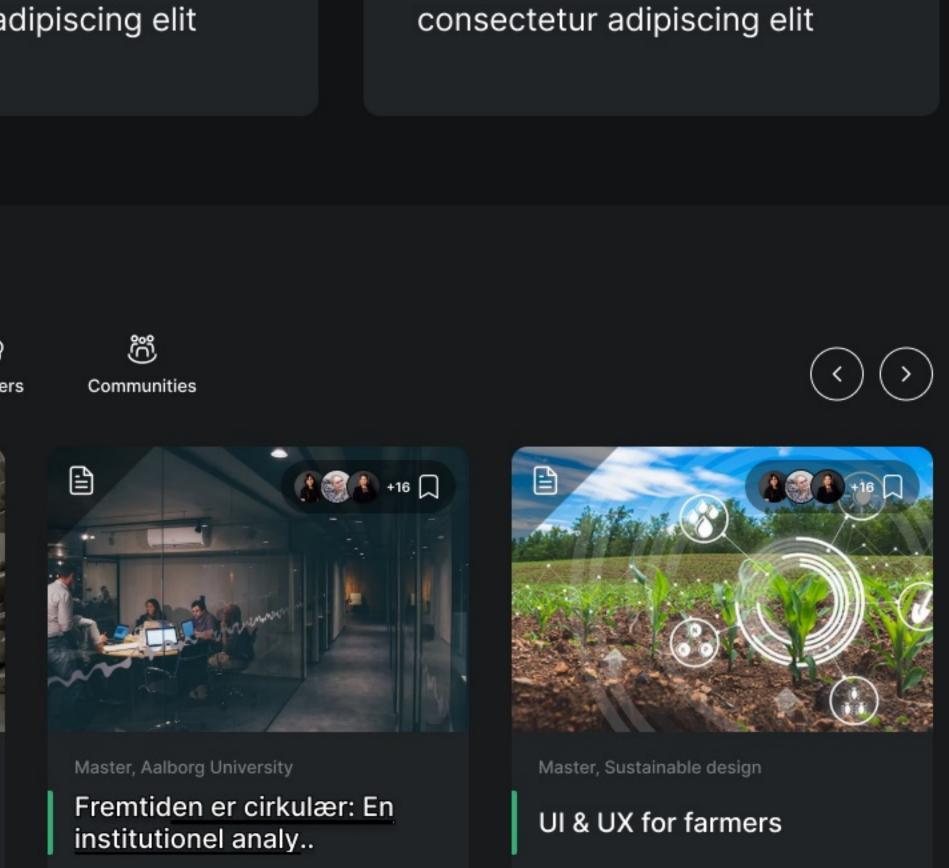
Industry Collaboration...

Challenge,B&O

sound walls

Sustainable breakdown of





AALBORG

UNIVERSITY

3

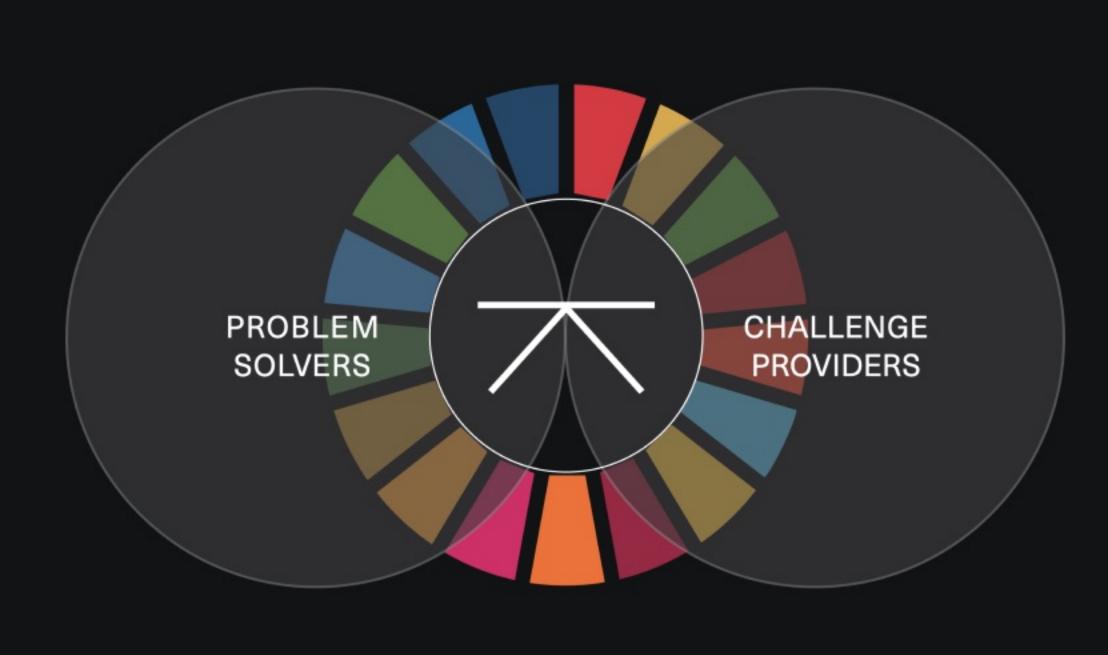
# We Challenge You!

Create your challenge

Connect with problem solvers

Collaborate across boarders

Post your project idea or challenge



SDG Wheel Challenges & Project Ideas



See all

### Challenge yourself, to keep on learning, while

Spin the Wheel!

making a real difference.

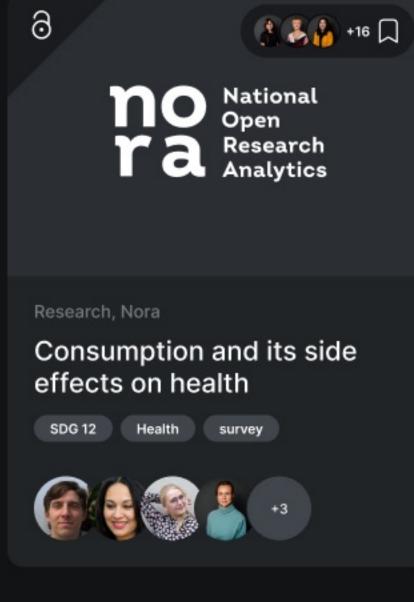


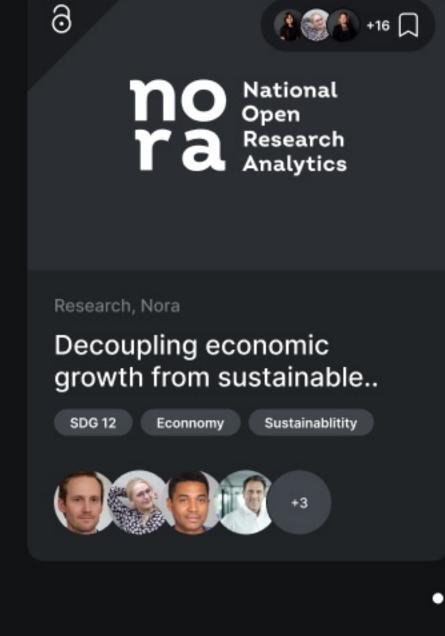
consumption and production patterns, which is key to sustain the livelihoods of current and future generations.

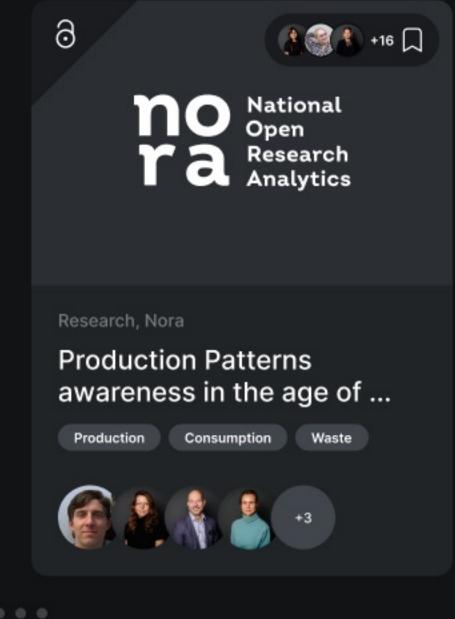
Goal 12 is about ensuring sustainable



SDG 12 Research

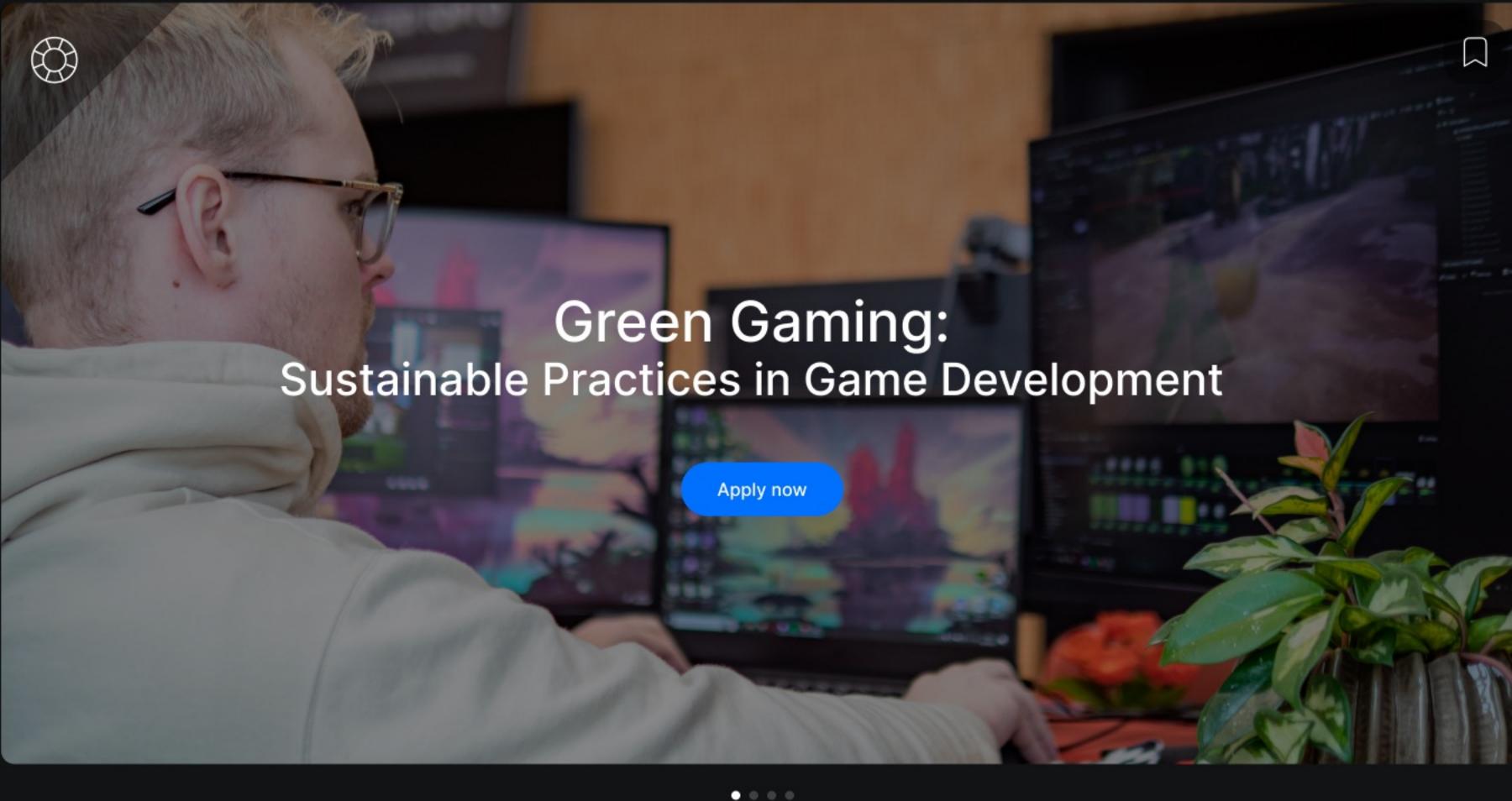


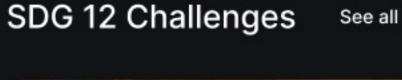




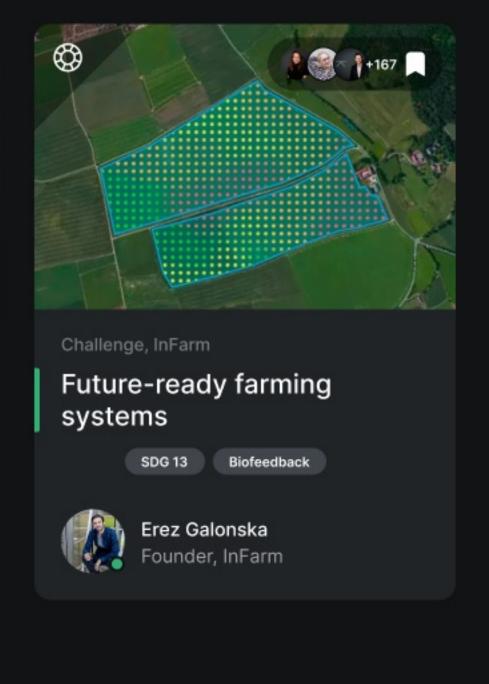


Featured SDG 12 challenges



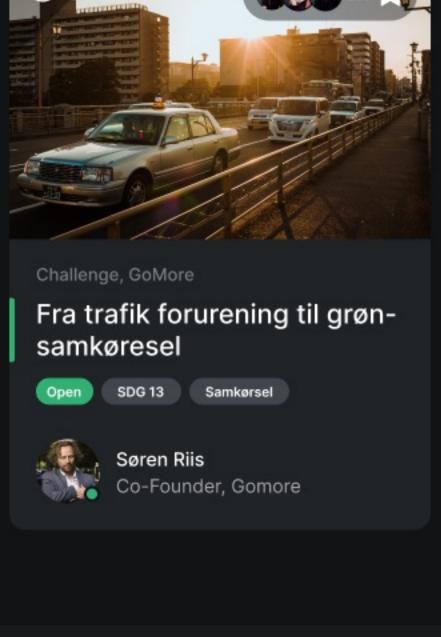


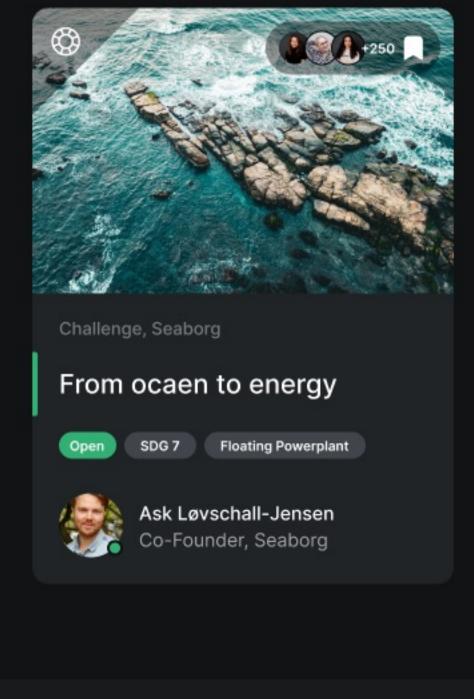


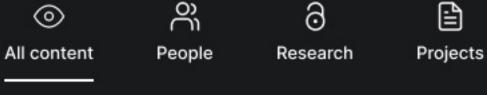


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Challenges

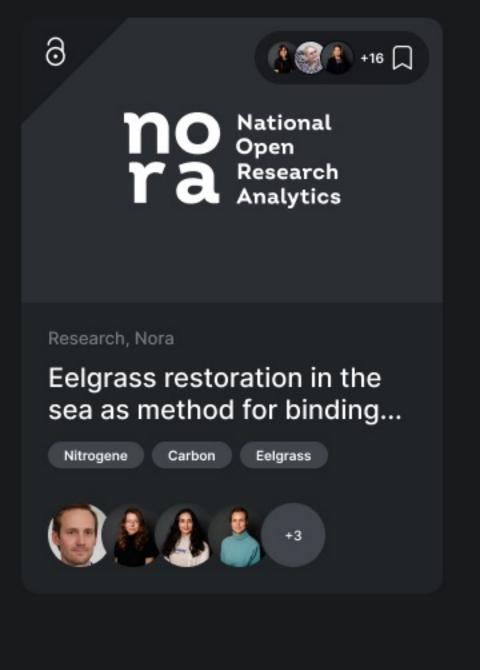


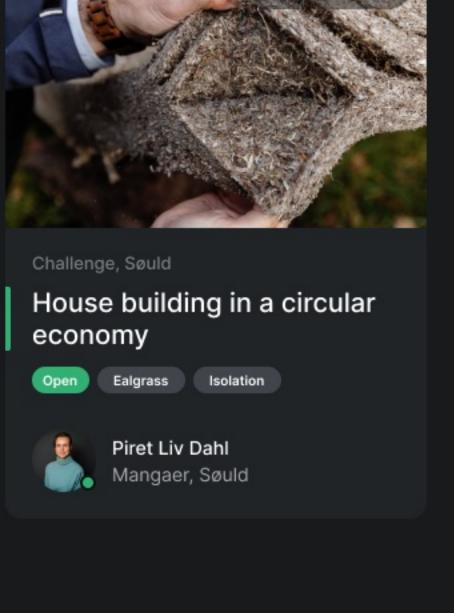




Learn more

**Thirdroom Connects** 



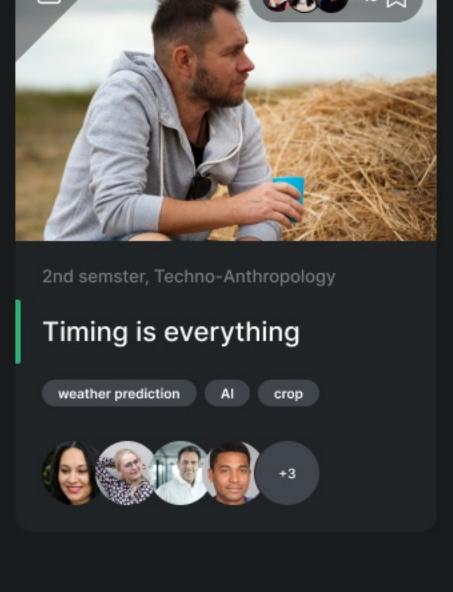


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Startups

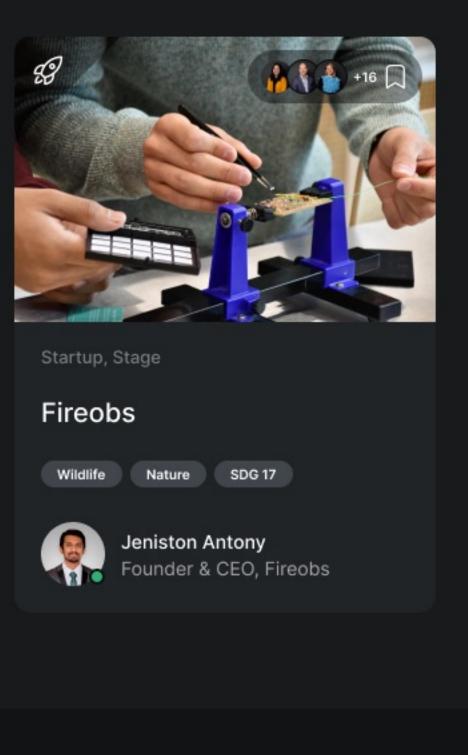
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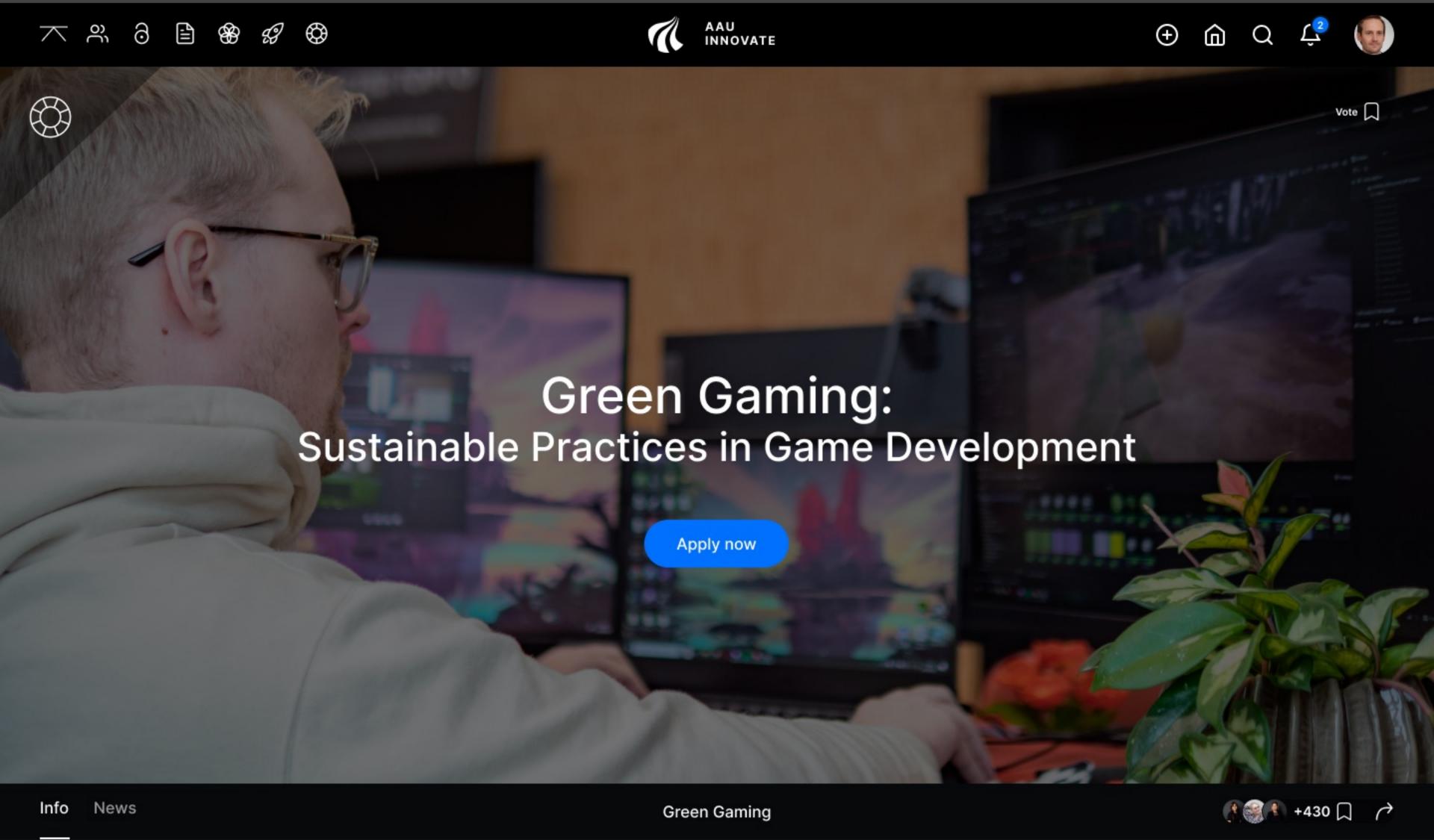
Partners



3

Communities





### The Challenge

Ever thought about saving the planet while developing video games? Dive into the 'Green Gaming' project! Your mission? Transform Cindercat Games' game production into a beacon of sustainability.

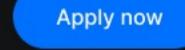
Throughout this project, you'll be a sustainability detective, investigating every corner of our game development processes. From energy consumption to resource usage, you'll identify where and how to inject sustainability. You'll also delve into the world of green gaming practices, borrowing brilliant ideas from pioneers in the field.

leaner gaming machine. Not only will you be making a tangible impact on the industry, but you'll also contribute to achieving the UN's Sustainable Development Goals 12, 13, and 15.

Join us to make gaming greener and Cindercat Games a sustainability superstar! This is more than a project; it's a chance to be part of the sustainability revolution in gaming.



Read less





Mentorship Microgrant

Legal support

### Requirements

Students Science major **Aalborg University** 

Read more >

### **UN SDG Classification**

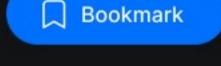




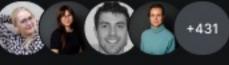




Read more V





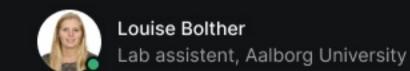


Bookmarked by Signe and 430 others

With this knowledge, you'll craft an action-packed plan for us, helping them morph into a greener,

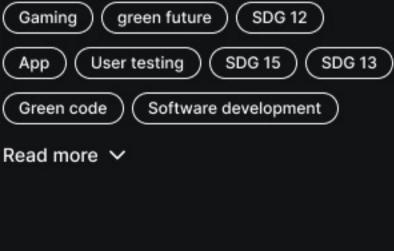


### Co-mentors



### Tags





## Connect

Co-founder, Cindercat Games

Sebastian Antony •

Innovation & Technology

Finance, Business Management,

Contact person

Schedule

2023

01.07 - 01.08

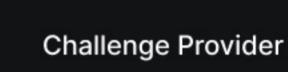
02.08 - 20.08

01.09 - 31.11

Collaboration

Open for submission

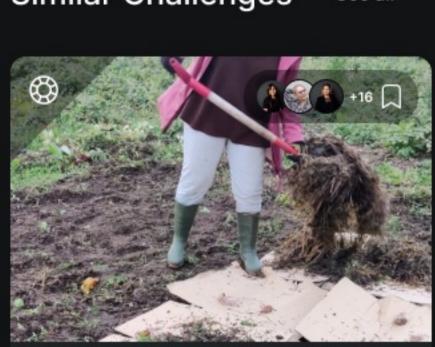
Review of proposals





Co-Founder, Cindercat Games

#### Similar Challenges See all



Seaweed Culture: Edible, Furniture, or Building Materials

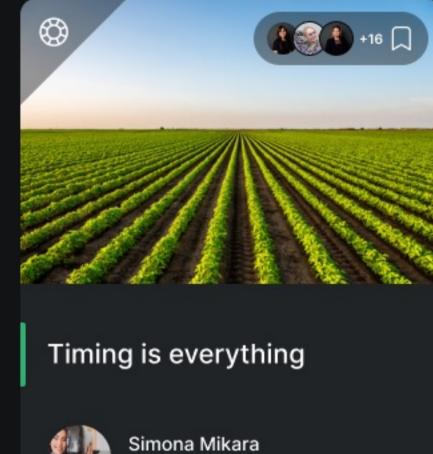




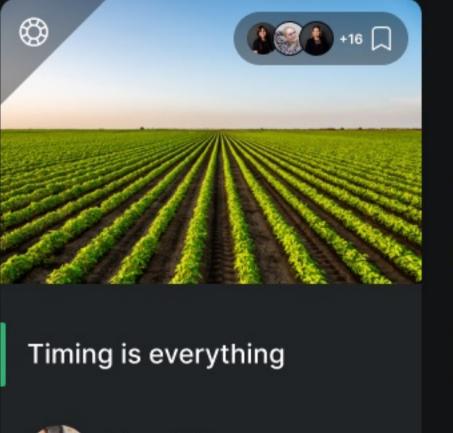
Atomkraft og implementering Emmy Laura Perez Fjalland

Supervisor, Roskilde University

Startups



Projectleader, ASOA



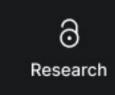


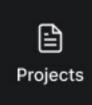
Projectleader, ASOA

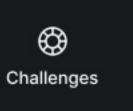


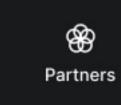










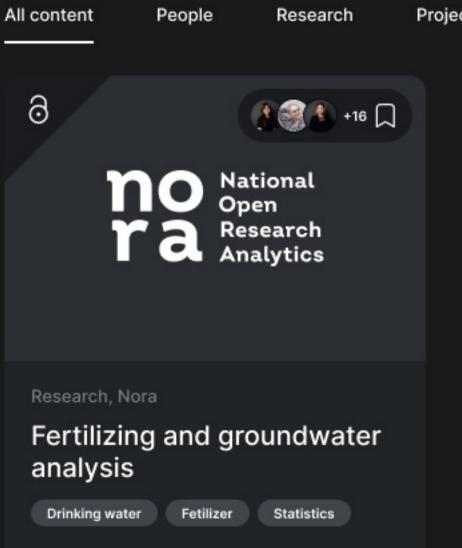




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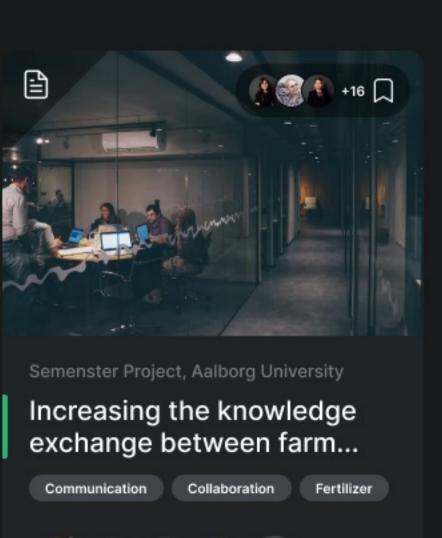
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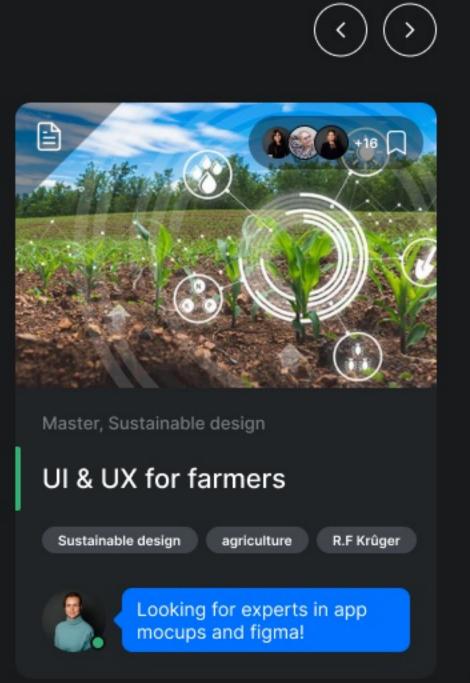
(7) Communities

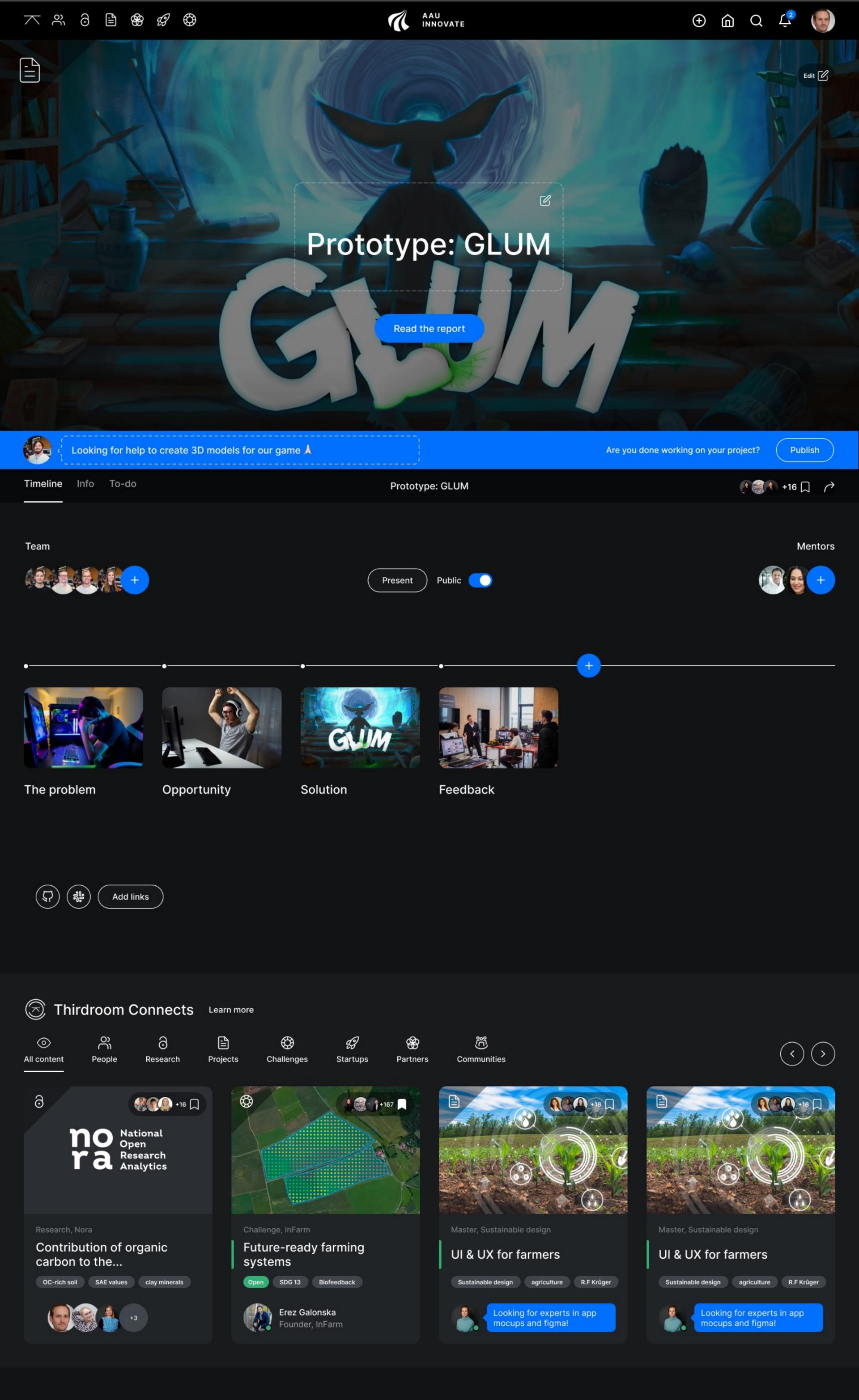




Projectleader, ASOA









#### **Idea Generation:**

It all started in a small room, with a few bright minds, lots of coffee, and a massive whiteboard. We wanted to create something different, something that would make players laugh, engage, and come back for more. Ideas flew across the room, some wild, some wacky, but all with a spark of potential.

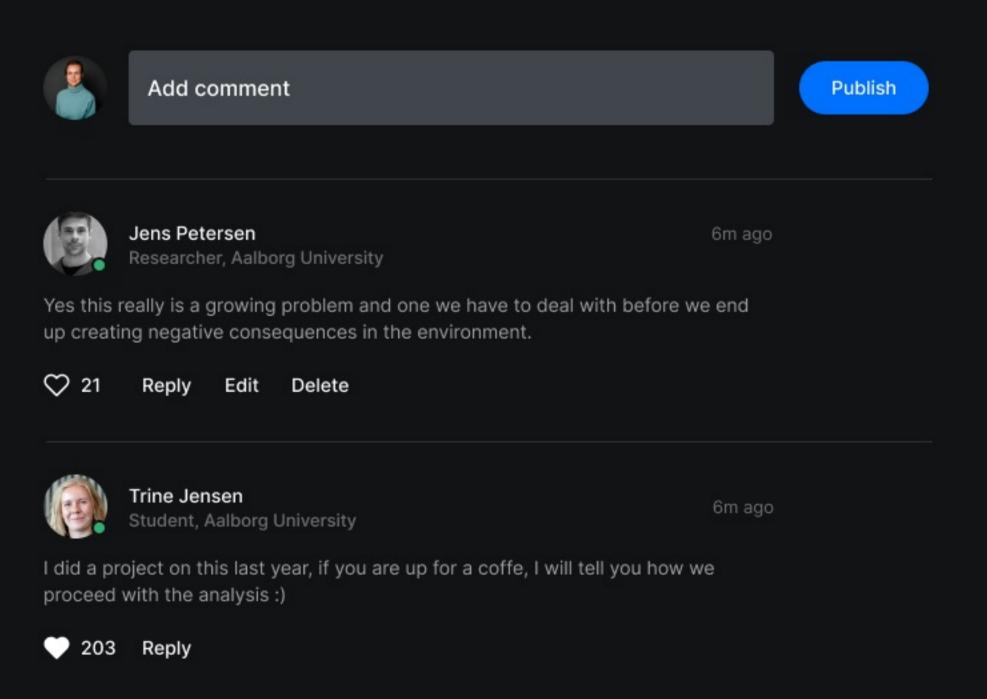
We explored diverse game genres, characters, settings, gameplay mechanics, and themes. We dreamt about innovative storylines and how they could be intertwined with intriguing gameplay. We imagined a unique character that could instantly grab attention. After hours of brainstorming and countless cups of coffee, the idea of Glum, the grumpy goblin, was born.



### Market Research:

With the game idea of Glum taking shape, we embarked on a research mission to understand the gaming landscape. We sifted through popular genres, titles, and player reviews, focusing on their wants and gaps. Our eureka moment? Realizing there was a need for an action-adventure game with a humorous, distinct character. This confirmed our belief - Glum had a space in the gaming world, and with that, we took our first significant step towards developing "Glum: A Wicked Misadventure."

## Comments



# Based on your post Thirdroom Suggests

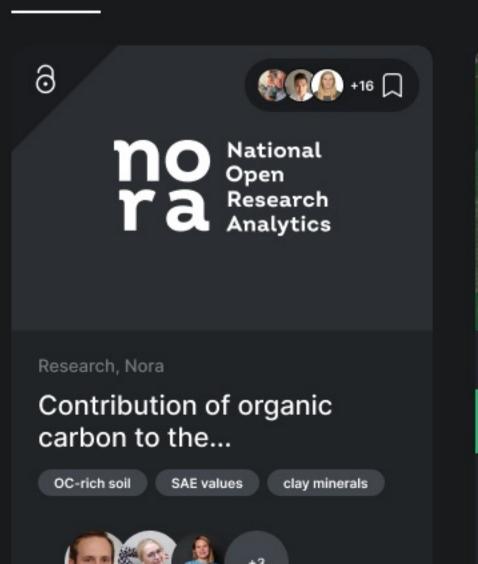
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Research

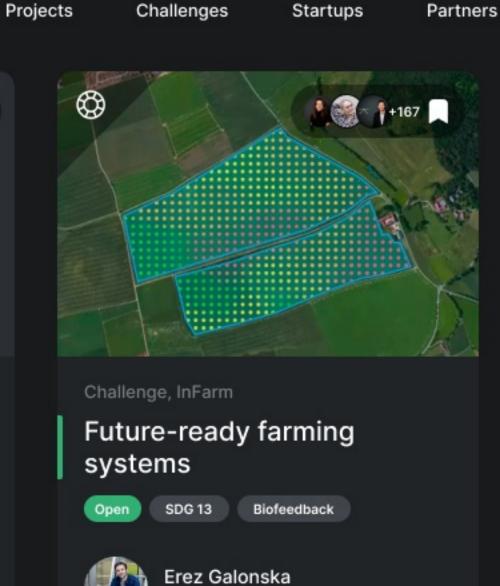
Learn more

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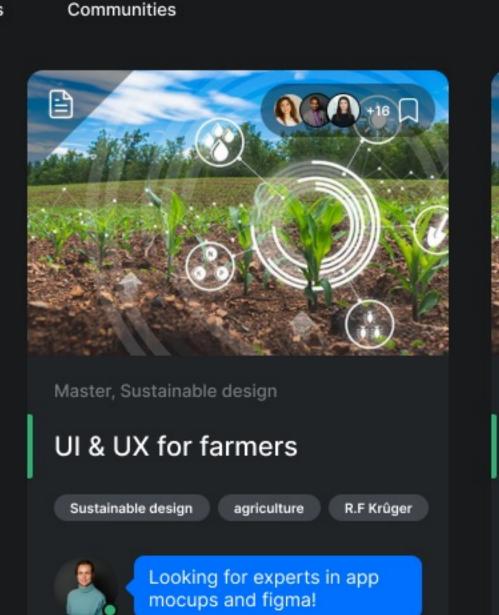
All content



People

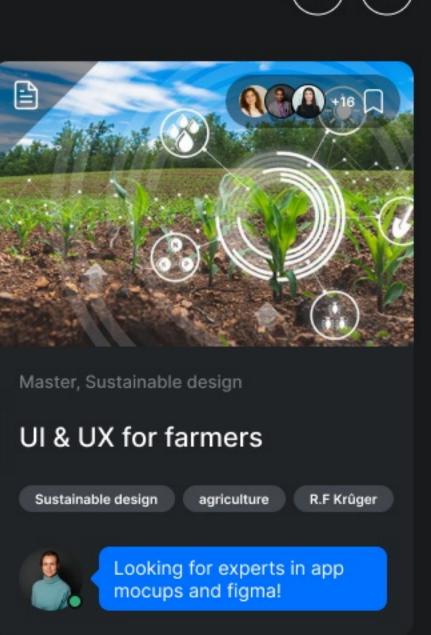


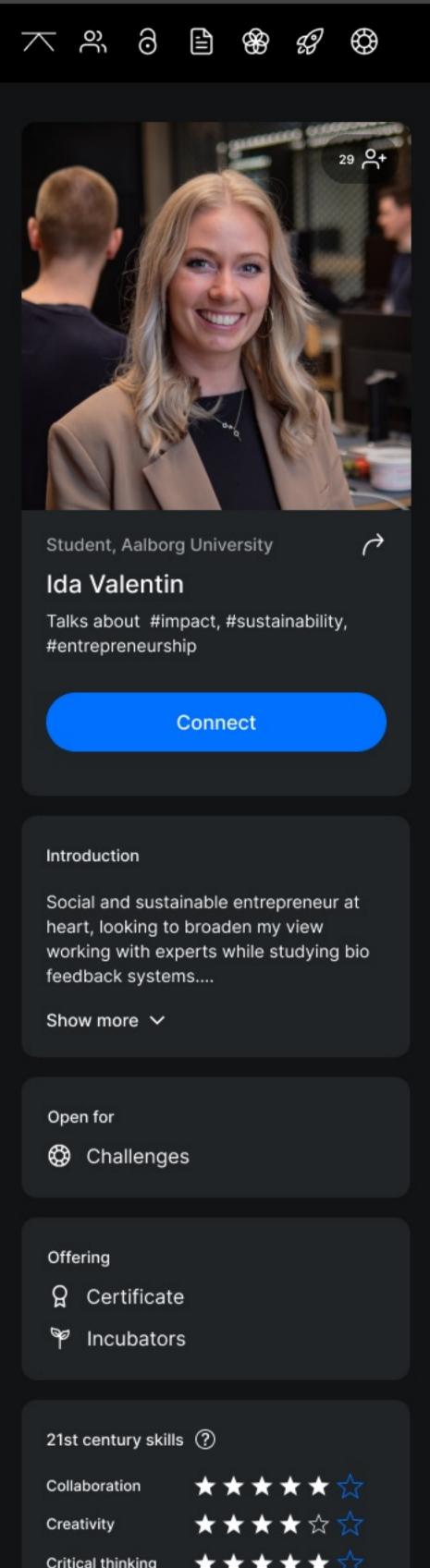
Founder, InFarm

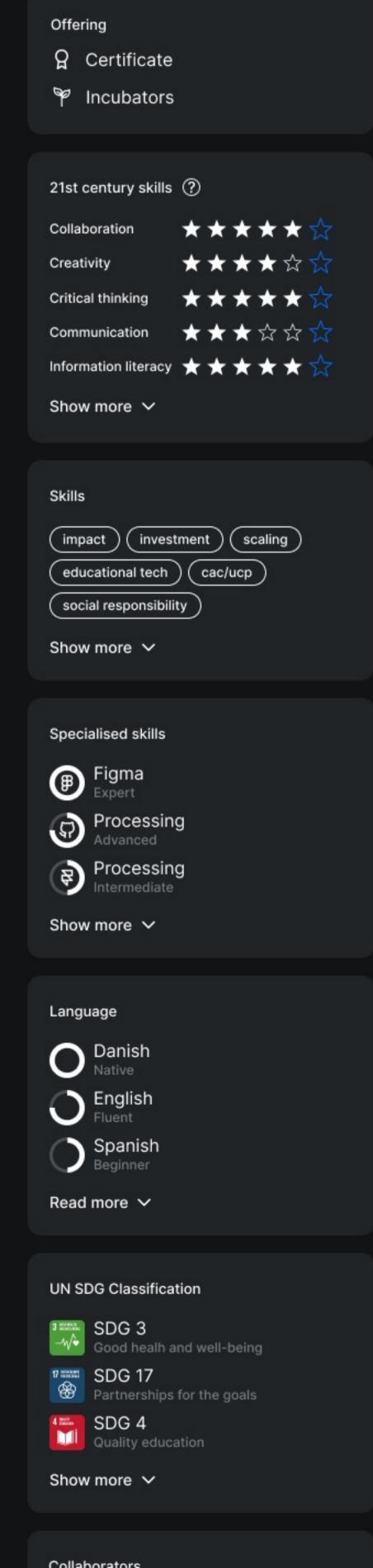


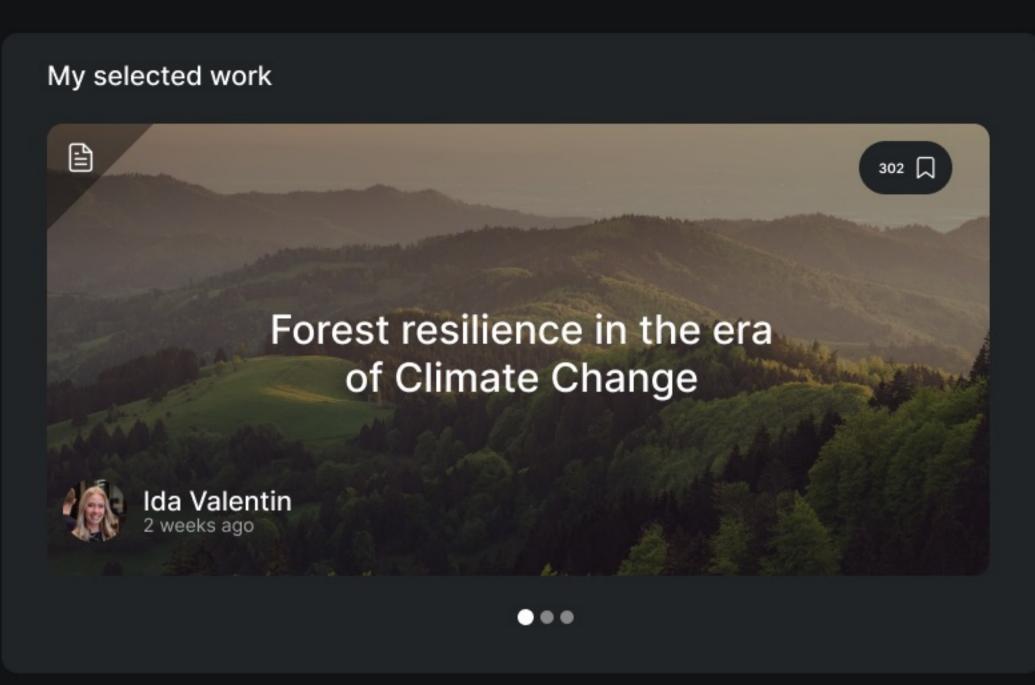
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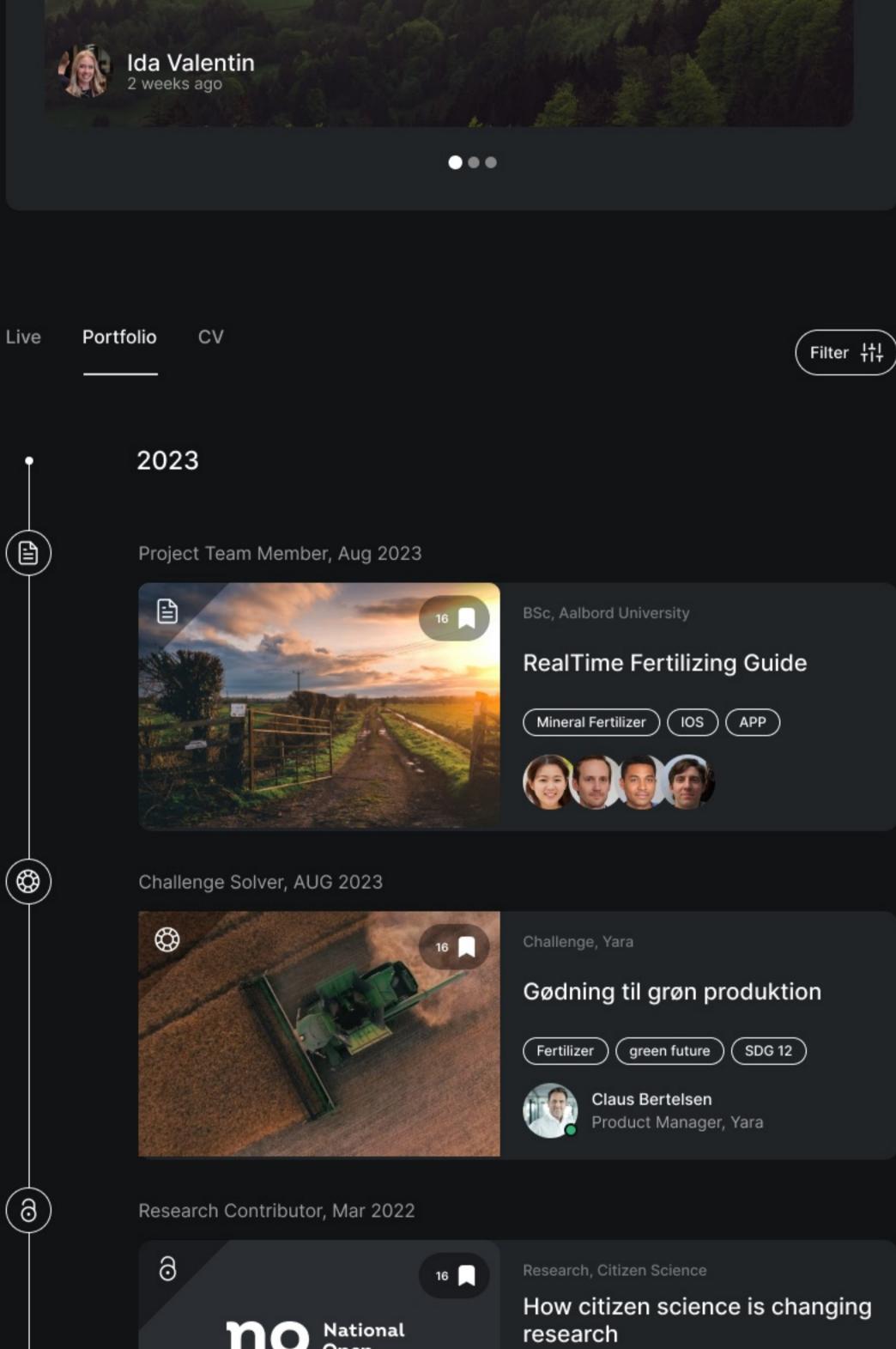


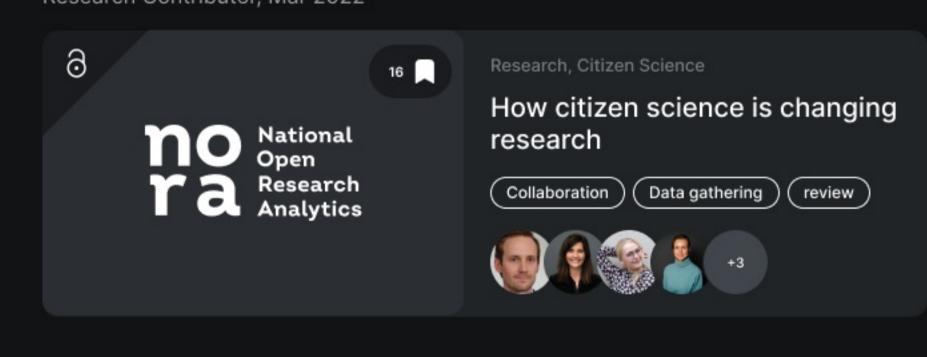


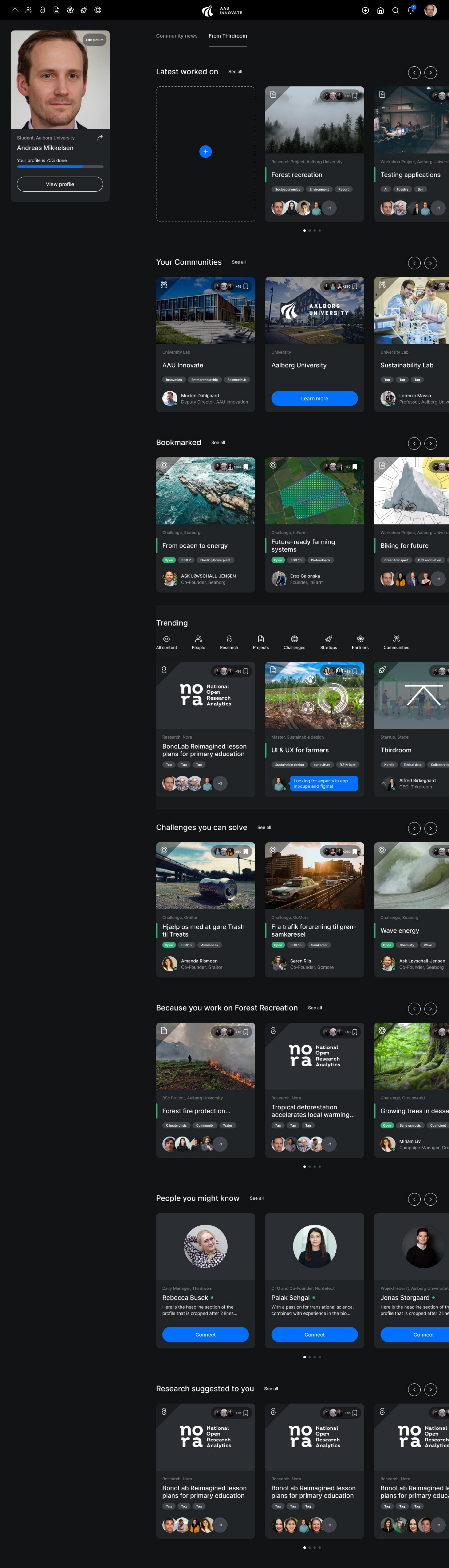


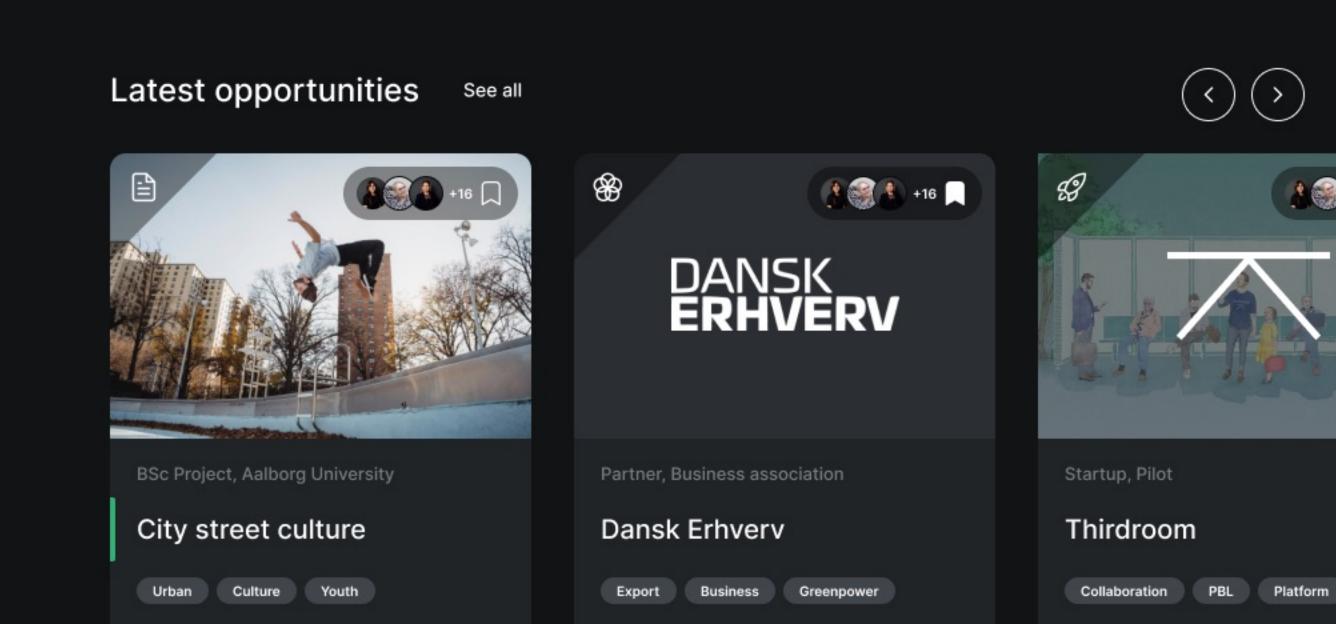


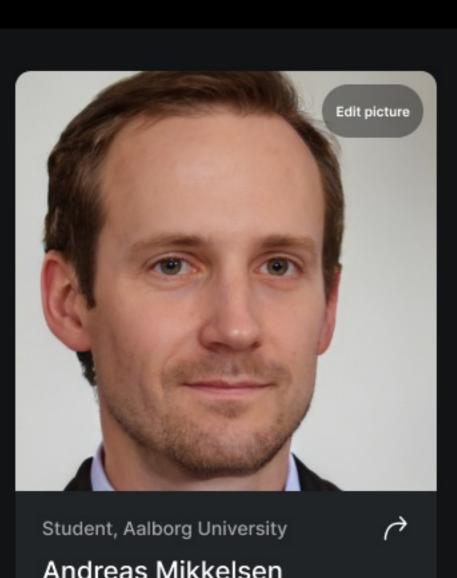
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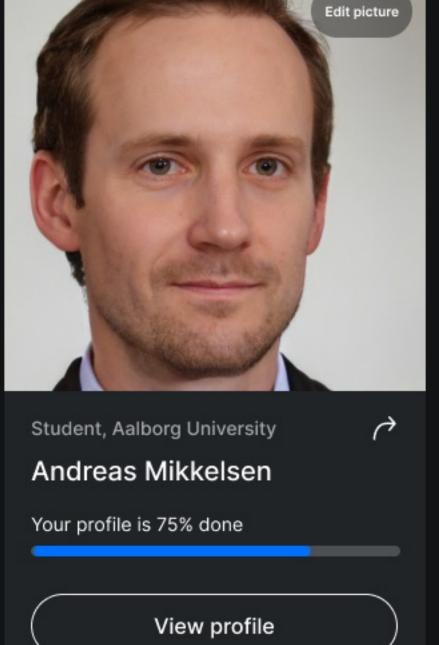












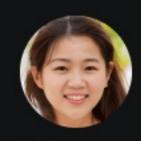


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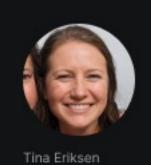
AAU INNOVATE

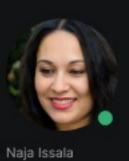


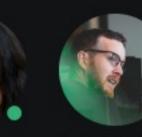
Mette Nielsen



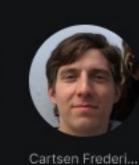
Kim Young

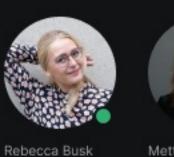


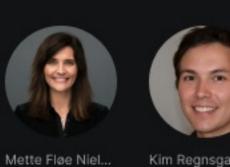




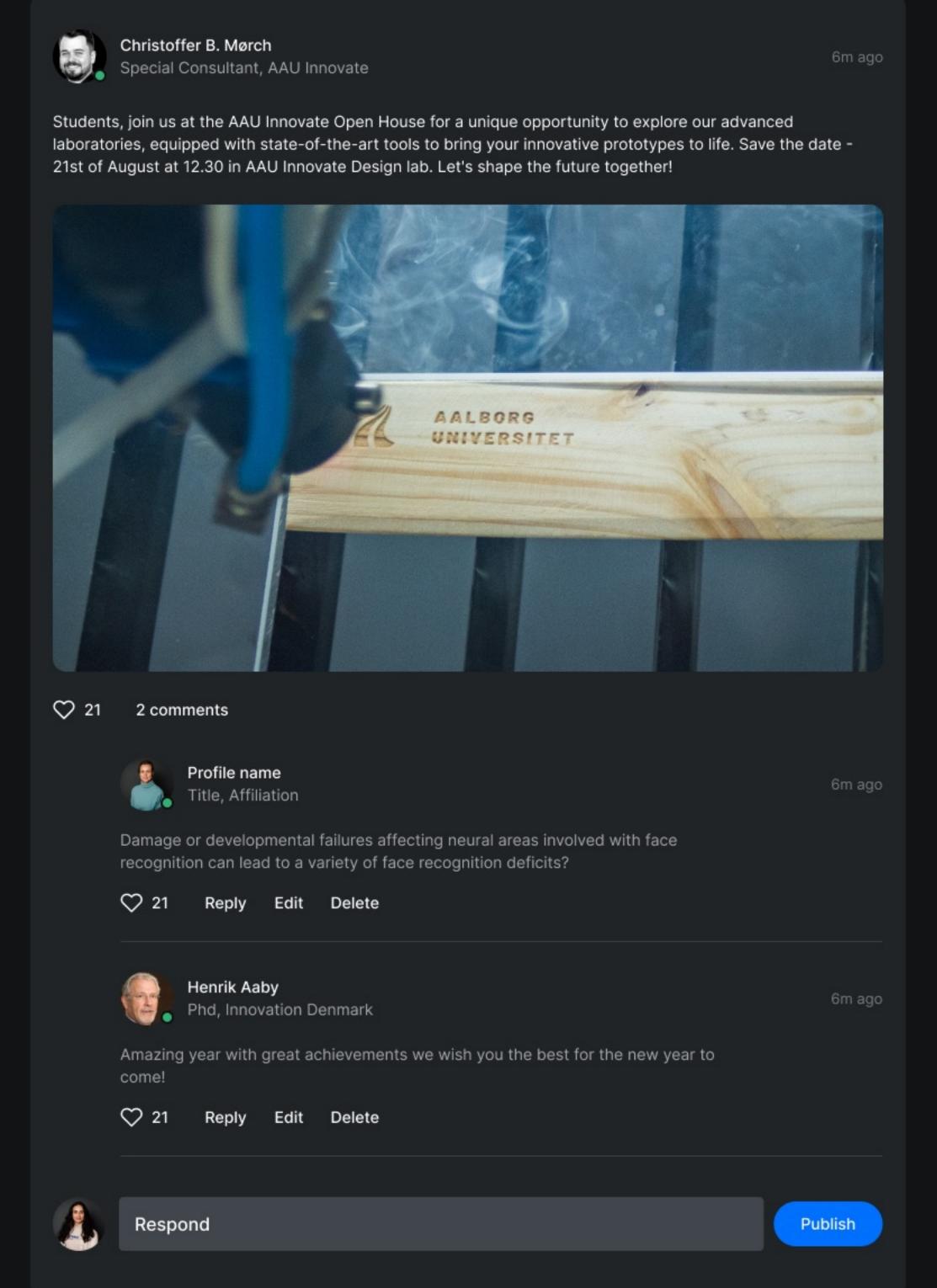
Morten Beck

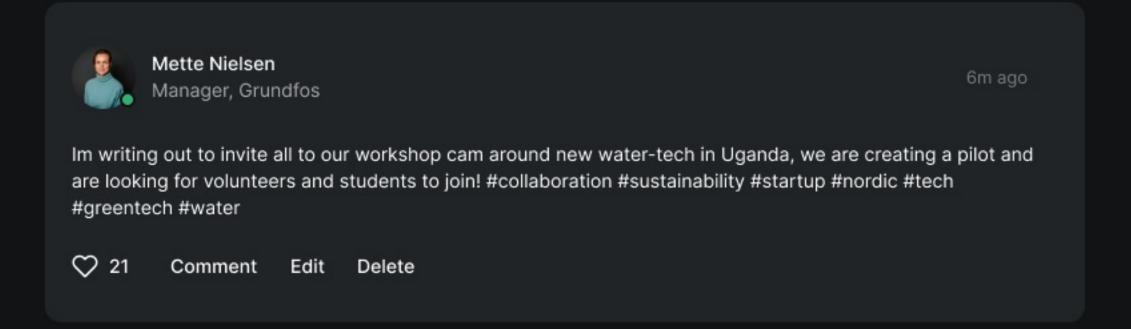






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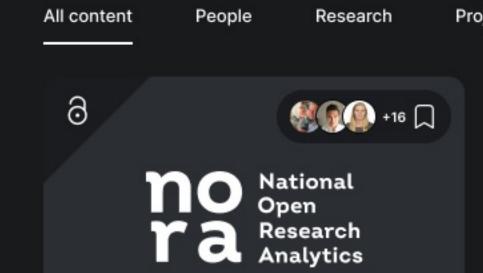


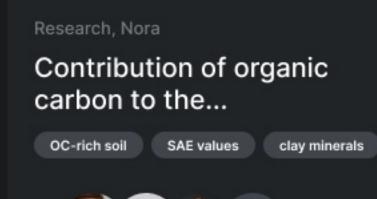
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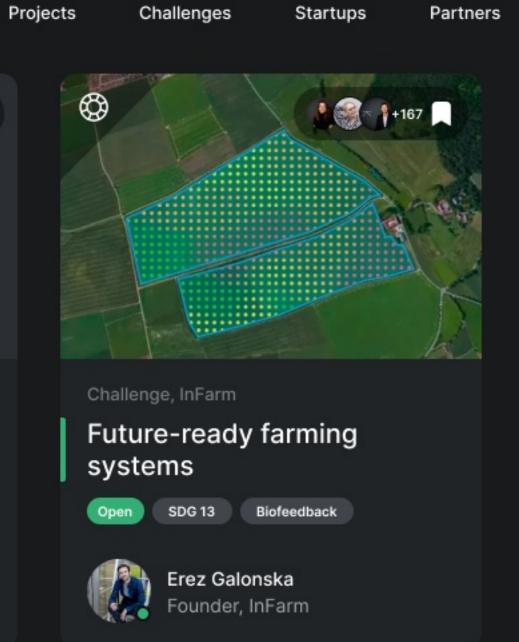
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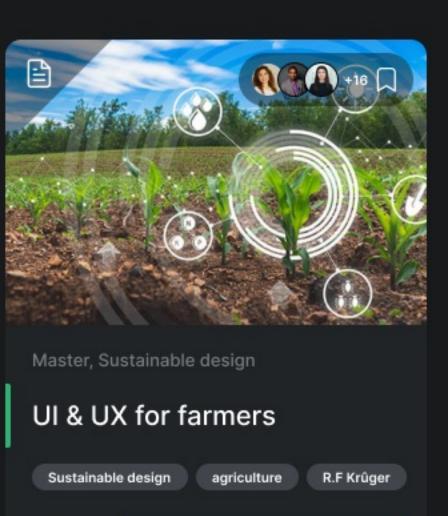






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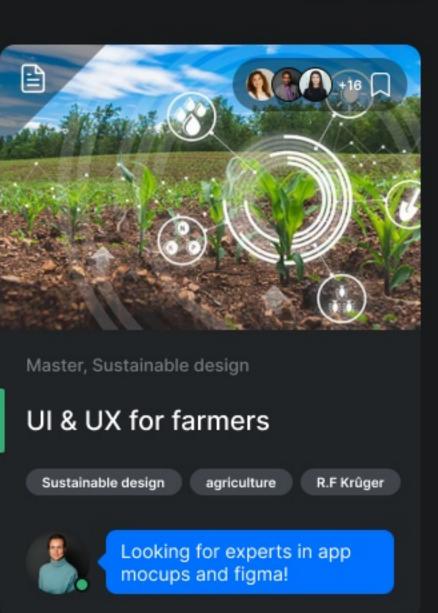
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Looking for experts in app mocups and figma!

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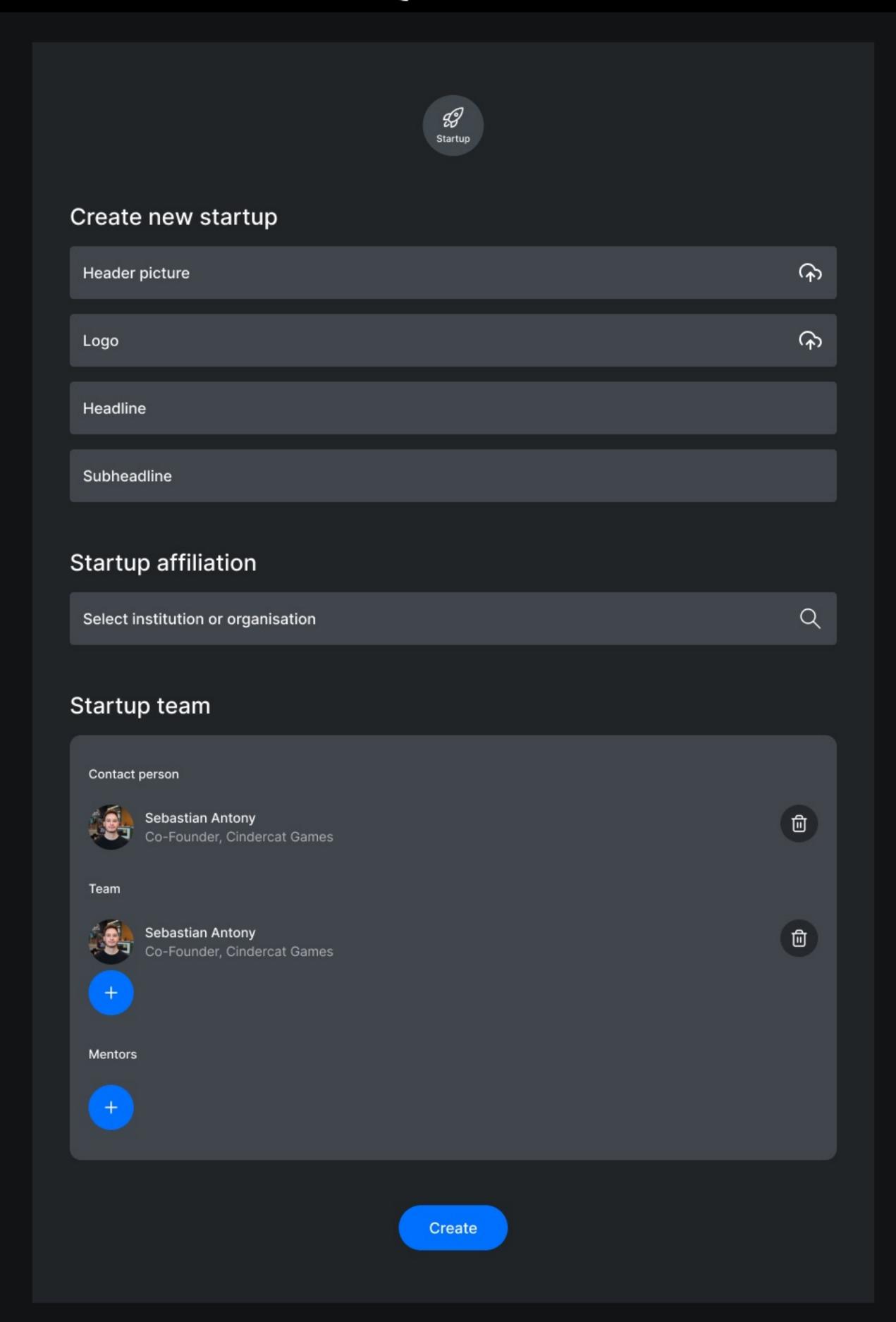
Communities

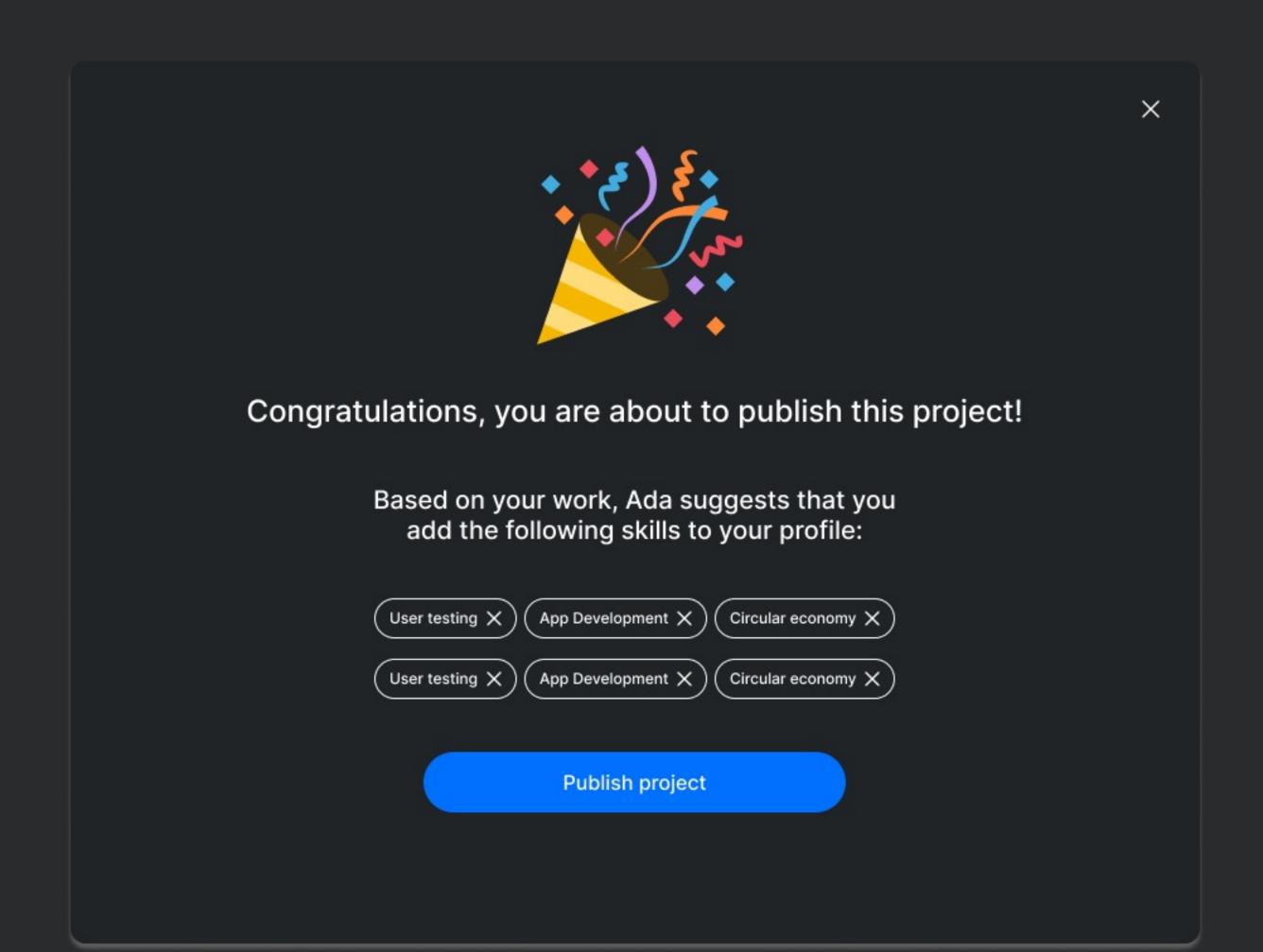


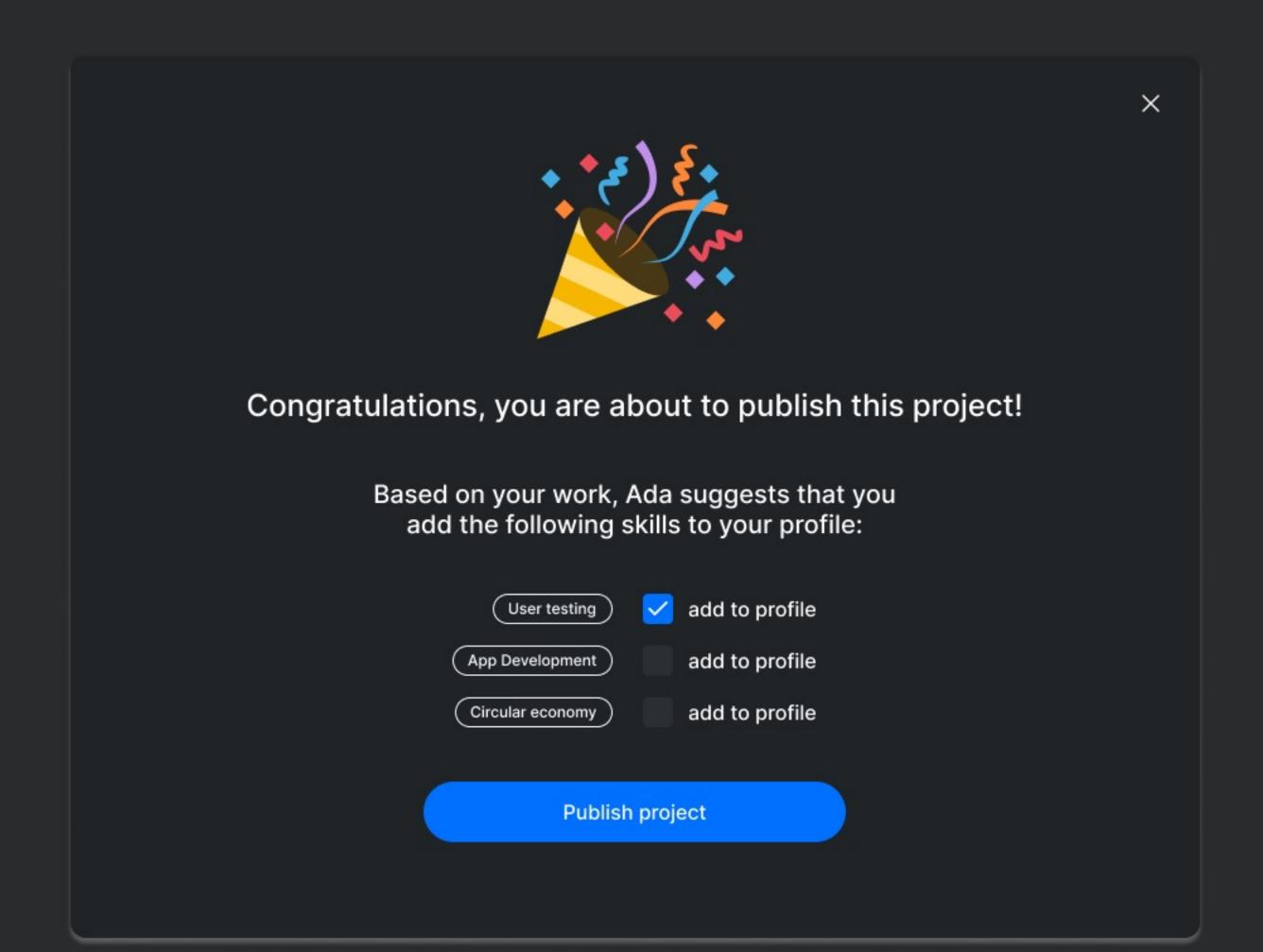


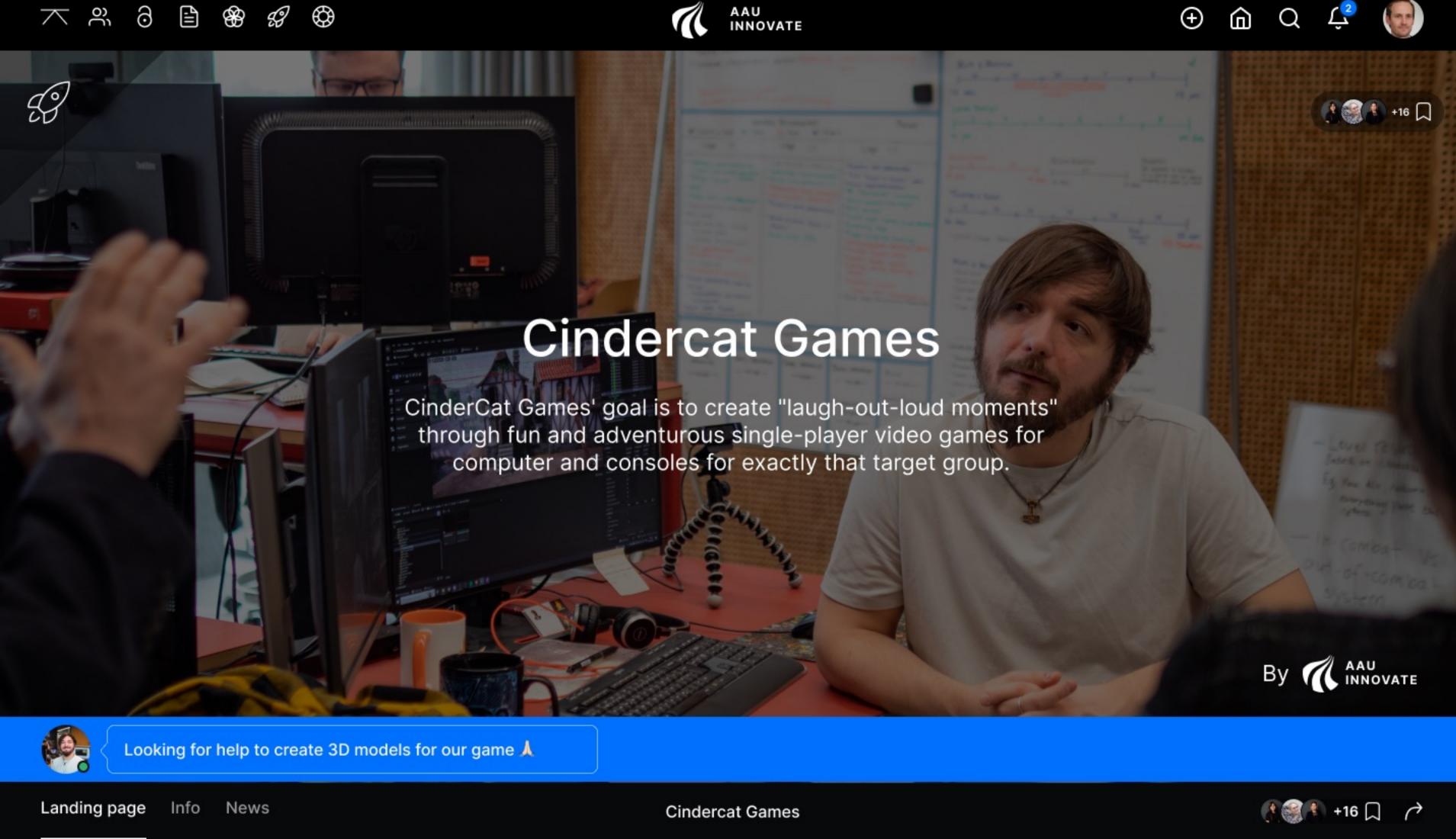




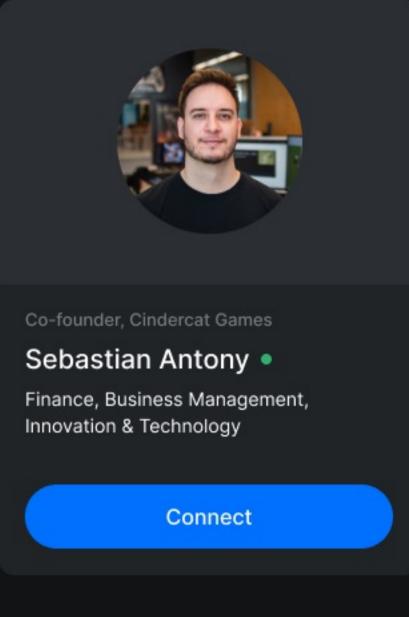


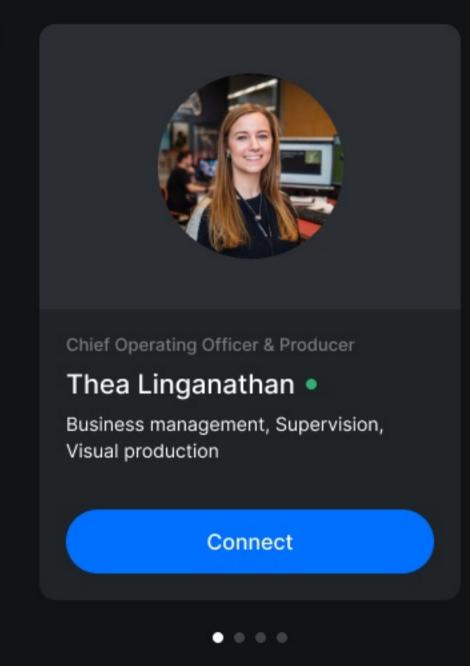


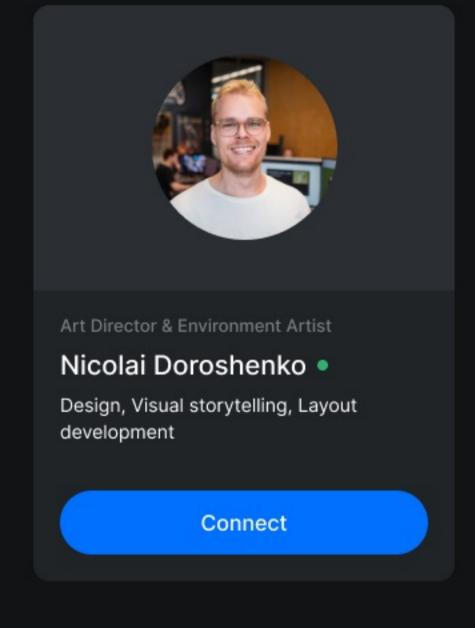


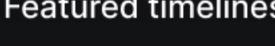


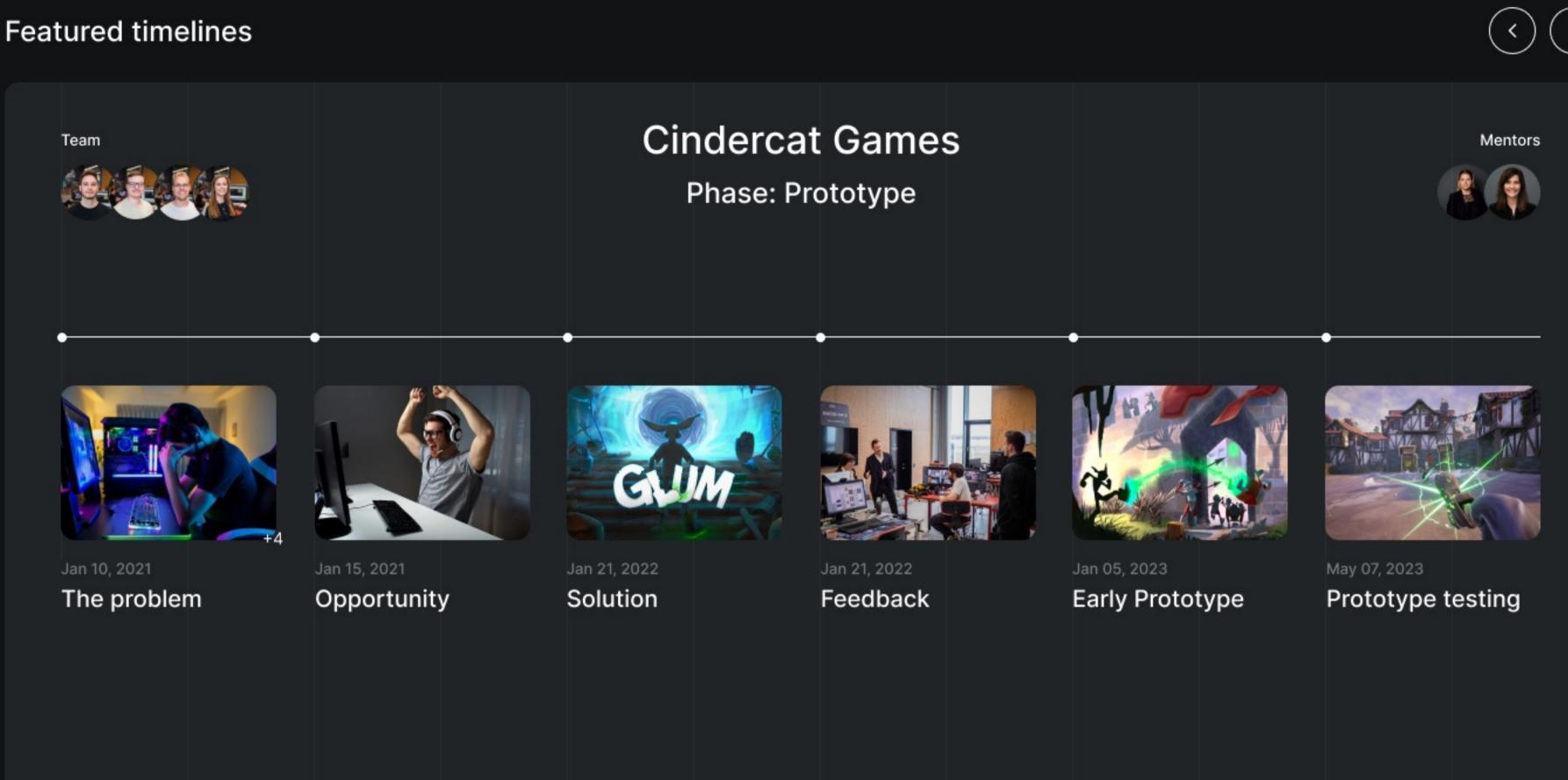
Meet our team See all



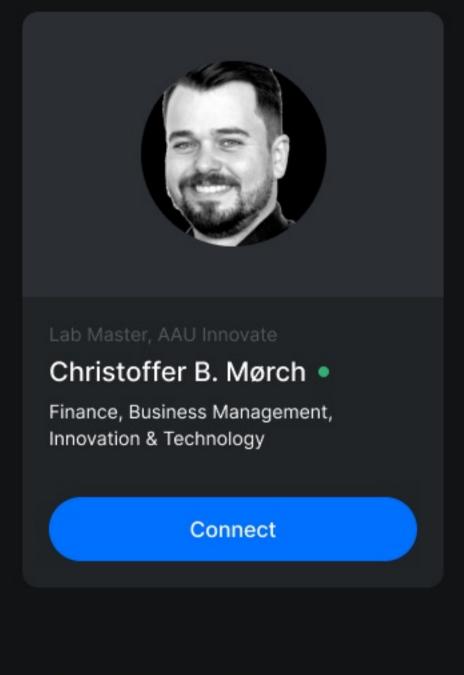


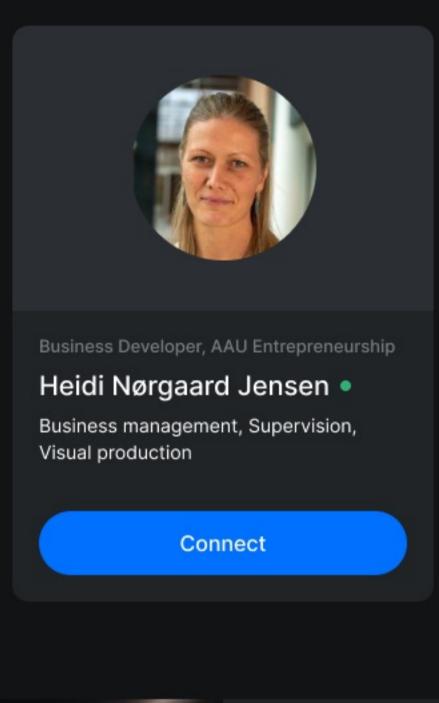






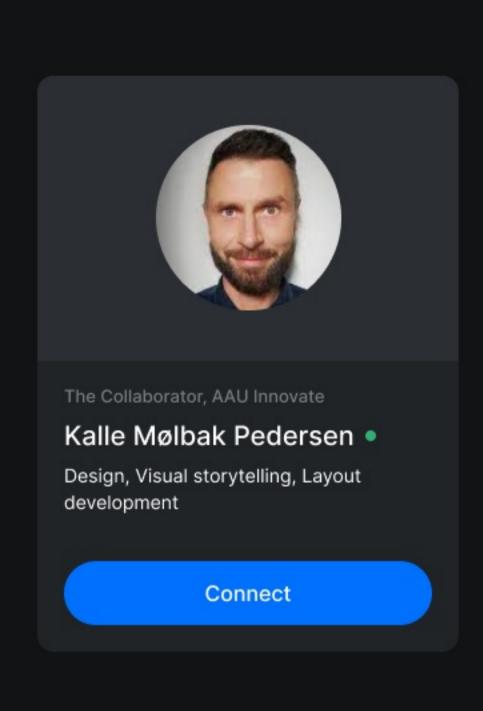
#### Meet our mentors See all





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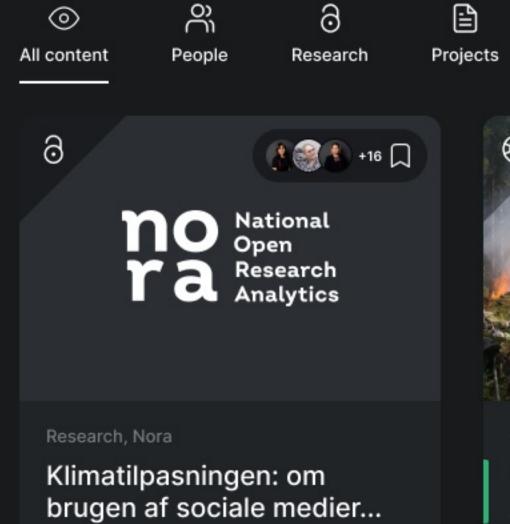


Learn more

We are ambitious, energetic and have good wind in our sails. We create the funnest experiences while also having fun making them.

Tomas Hanks, Leonardo Cindercatio Team, Cindercat Games

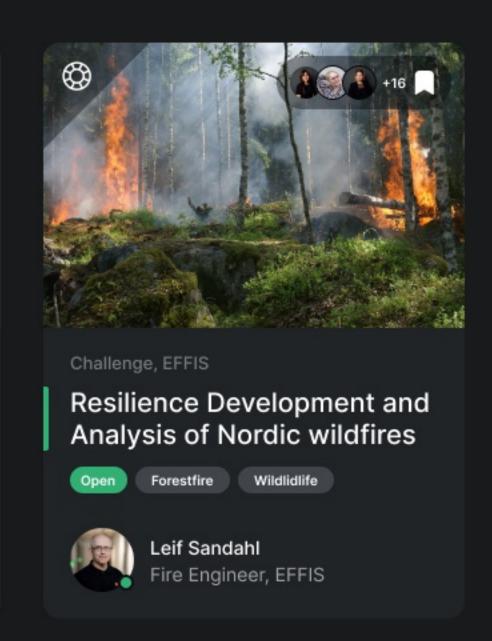
Sebastian Antony, Nicolai Doroshenko & Thea Linganathan,



SoMe

**Thirdroom Connects** 

Climate Action



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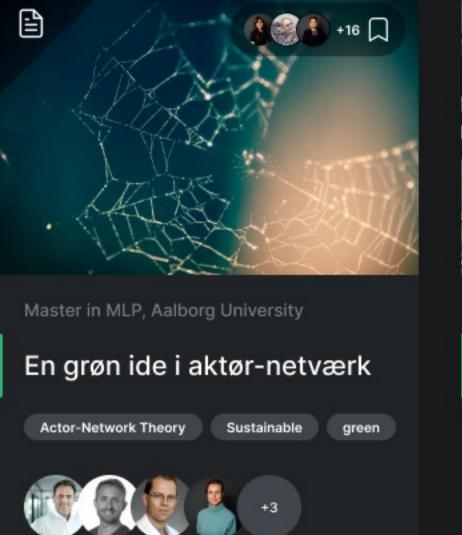
Startups

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Partners

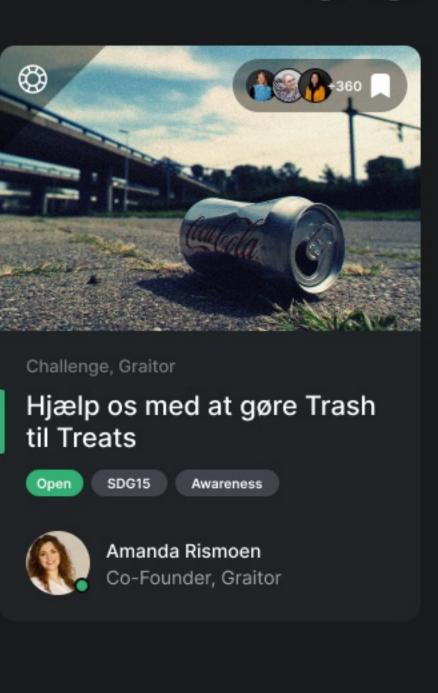
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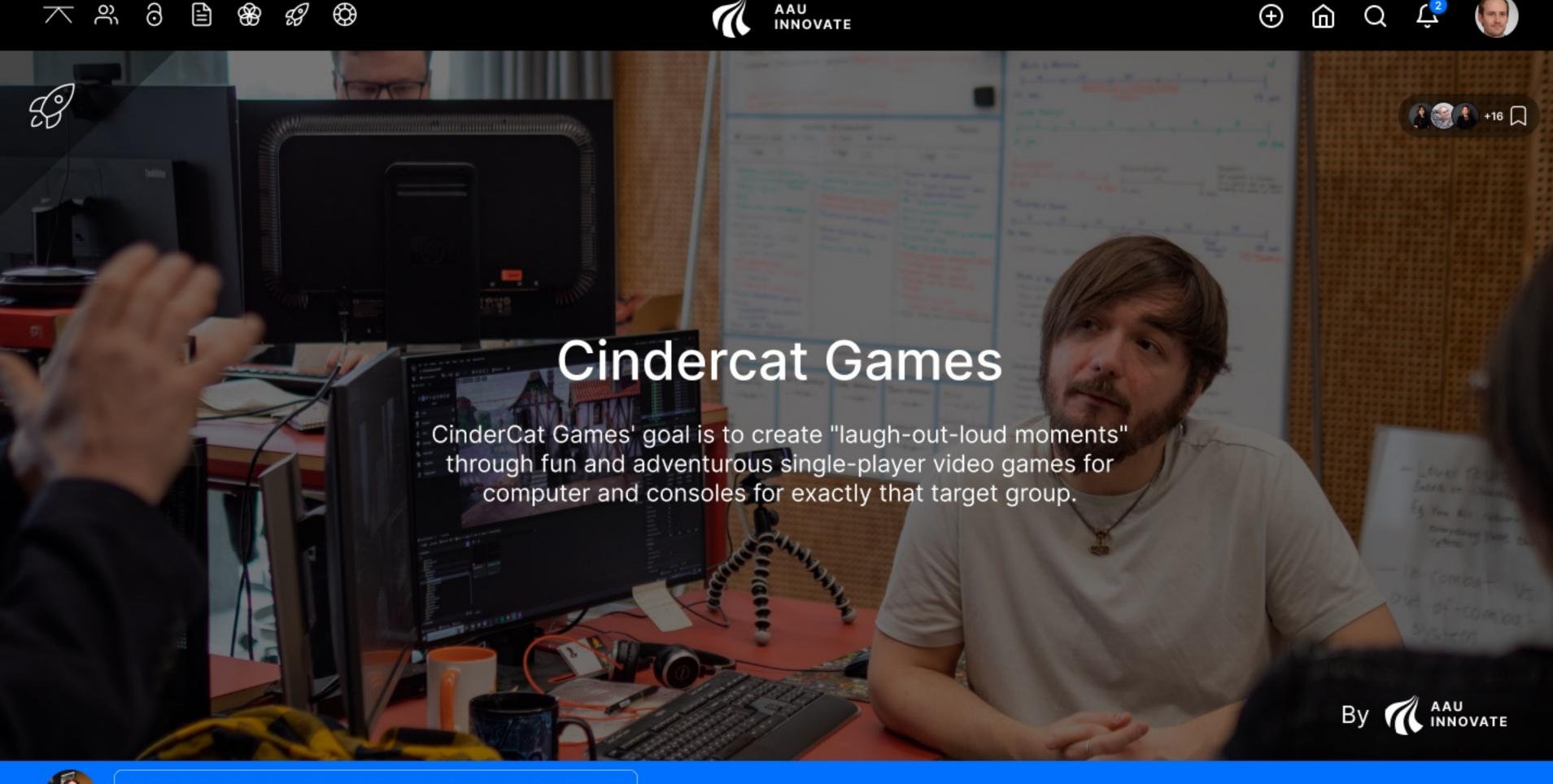
Challenges

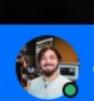


(3)

Communities







Looking for help to create 3D models for our game A

Landing page

News

**Cindercat Games** 

### About us

At Cindercat, we believe that great interactive entertainment is for everyone!We want to create fantastical experiences and amusing gameplay situations that you want to share with friends, family, colleagues, or even strangers! We strive to grow as a studio ...



Credit: Image of the team, Cindercat Games

Road more

### Info

Sector:

Stage: Prototype

Read more V



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Pitchdeck

**Attachments** 

Linkedin

Tags

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SDG 15

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Gaming

Mentorship

SDG12

SDG13

Innovation )

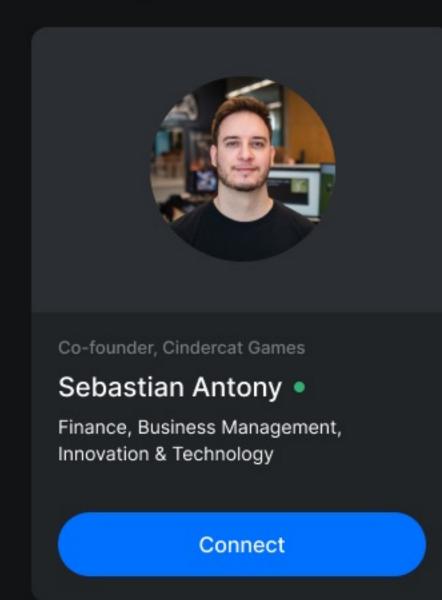
Visual storytelling

Website

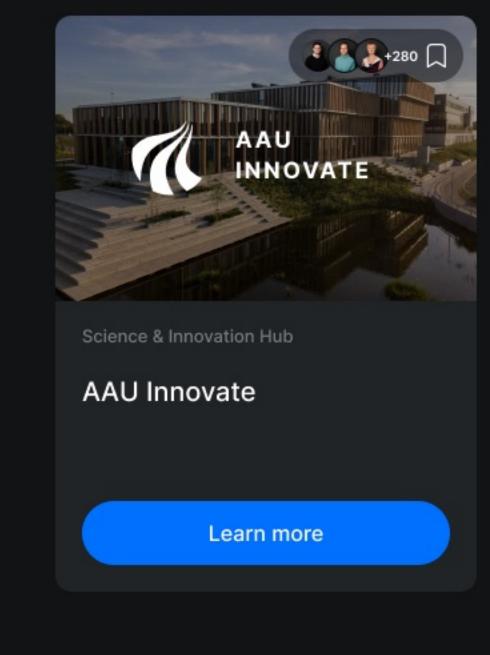
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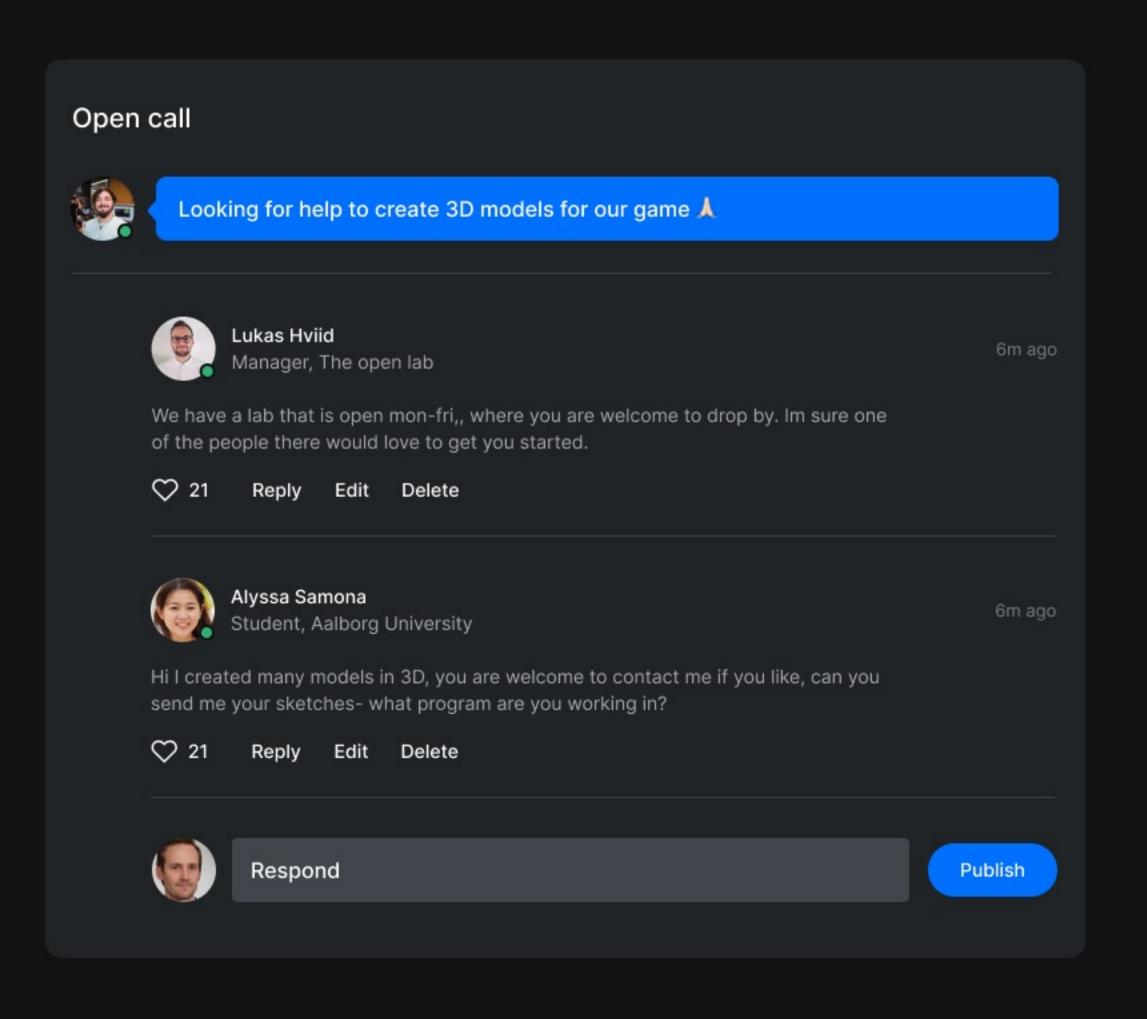


### Contact person



### Affiliation







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9 Research

+16 💭

Projects

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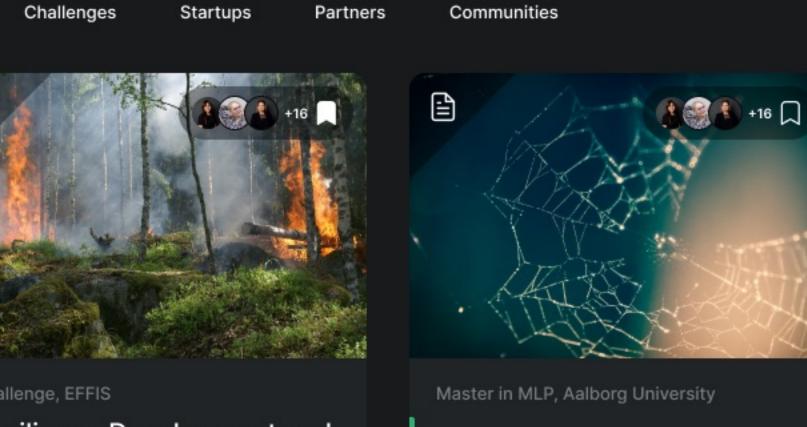
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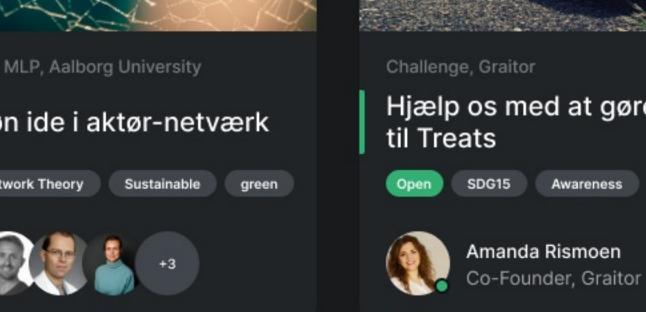
**688** 





Fire Engineer, EFFIS





# External Collaboration: Unlocking Boundless Innovation Opportunities

"

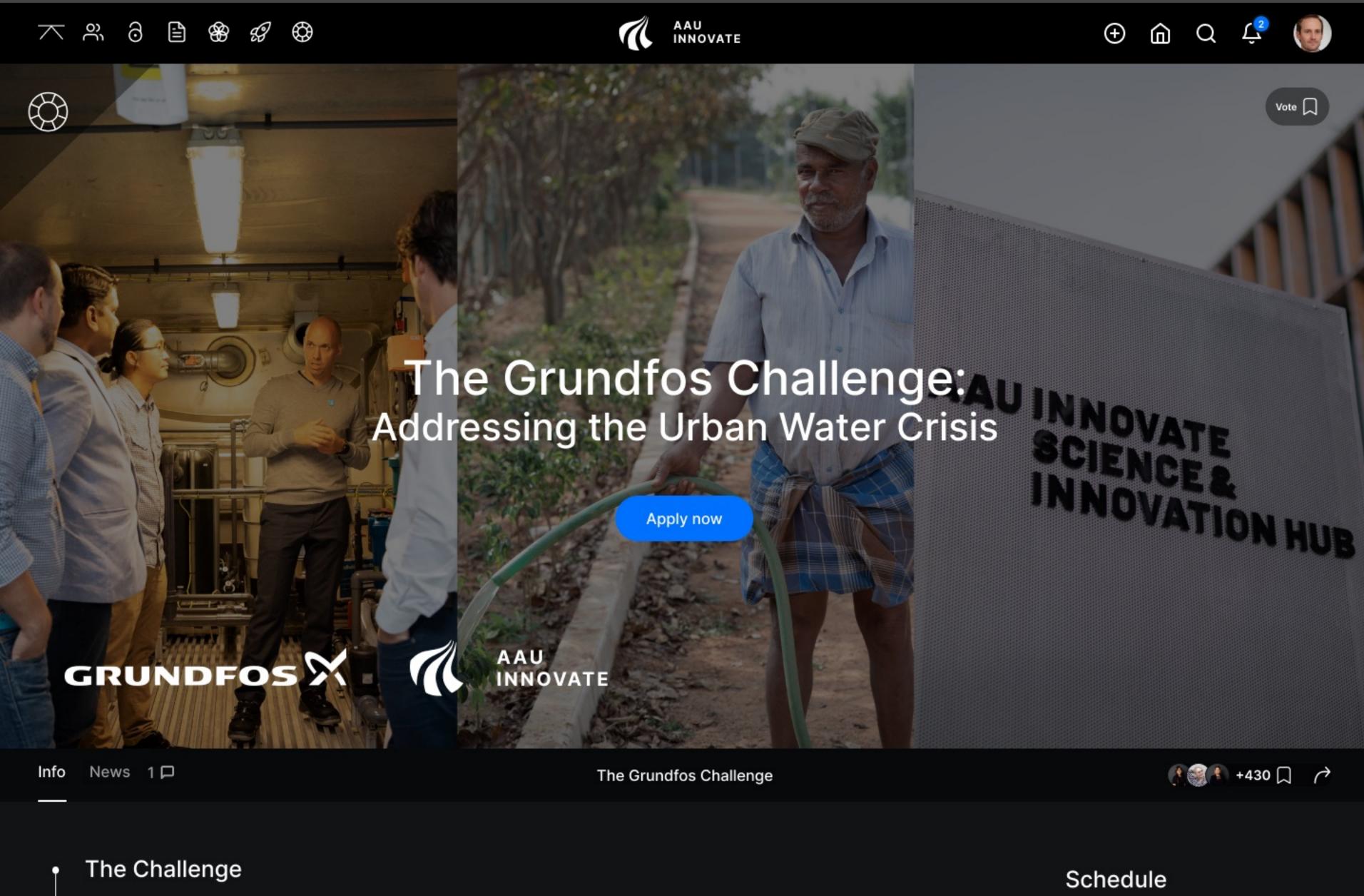
Introduction Welcome to AAU-Innovation Open Challenge, where challenge-providers and problem-solvers unite to drive innovation and tackle complex problems head-on. Our platform revolutionizes the way companies, organizations, research institutions, and universities collaborate. By effortlessly posting and pinning challenges and projects, we foster seamless collaboration and unlock a world of limitless possibilities.

Kalle Mølbak Pedersen

Head of digital incubation, AAU Innovate







2023

24.09 - 03.10

04.10 - 31.10

01.11 - 15.11

Contact person

Director, Grundfos

**Challenge Provider** 

Company

Grundfos

Mission Alignment

AAU Mission

Urban sustainable living

Learn more

Henrik Juul Nielsen •

I work with the front-end of innovation -

Connect

GRUNDFOSX

Learn more

. . . .

scouting for new opportunities and...

Collaboration

Open for submission

Review of proposals

# Grundfos, in collaboration with the Innovation Department at Aalborg University (AAU

Innovation), recognizes the urgent need to address the global water crisis. We are committed to finding innovative solutions and advancing research in sustainable water management. By adopting a multidisciplinary approach and fostering collaboration with stakeholders, we aim to tackle the challenges posed by the water crisis.

Through our partnership with AAU Innovation, we invite cutting-edge research, educational initiatives, and practical interventions to develop strategies for efficient water resource management, pollution prevention, and equitable water distribution. By gaining a deep understanding of the intricate relationship between water, society, and the environment, we aim to contribute to global efforts in addressing water challenges.

### Commitment to the SDGs Grundfos and AAU Innovation are both committed to UN SDGs, focusing on SDG 6 (Clean Water

and Sanitation), SDG 11 (Sustainable Cities and Communities), and SDG 17 (Partnerships for the Goals). Grundfos develops energy-efficient pumps for water conservation and safe water access, aligning with SDG 6 and 11. They value partnerships and collaboration for sustainable development, reflecting their commitment to SDG 17. AAU Innovation facilitates innovative solutions the specifically related to clean water, urban innovation, and sustainable urban planning, supporting SDGs 6, 11, and 17 through partnerships and knowledge exchange.



### Who is Grundfos

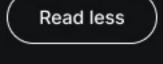
**About The Partners** 

Grundfos is a Danish company, one of the world's leading pump manufacturers, founded in 1945. It produces a wide variety of products including circulator pumps, submersible pumps, and centrifugal pumps. The company is dedicated to energy-efficient and sustainable solutions, with a strong focus on innovation. Grundfos operates globally, having more than 80 companies in over 55 countries. Their commitment to social responsibility and environmental sustainability remains central to their operations.

### AAU Innovation) is the new innovation hub at Aalborg University. AAU Innovation aims to bridge

Who is AAU Innovation

the gap between academia and industry by supporting researchers and students in developing and commercializing their innovative ideas, technologies, and inventions.





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Co-Mentoring Award

> Joint venture Certificate

Scholarship Reference letter

Legal support

Lab space

Reference person Read more >

Requirements

Students

Potential incubator

Startups

Innovation Challenge

Researchers

Efficient Management

Read more >

Pollution Prevention

# Tags

Water Crisis Sustainable Water

You have to be a part of AAU

Water Equity

Read more >

# **UN SDG Classification**

₩



# Read more 💙

Co-mentors

Louise Bolther Supervisor, AAU Innovate

Technology assistant, AAU Innovate

Mark Lewinsen

Henrik Juul Nielsen Thomas Arkinson

Director, Grundfos

Collaborative Research

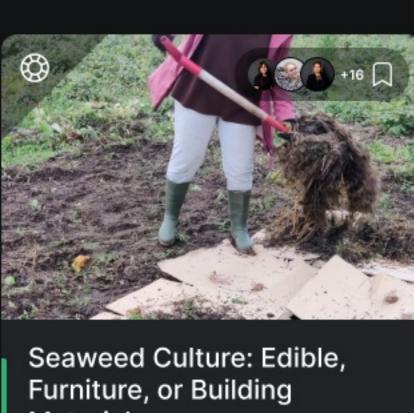
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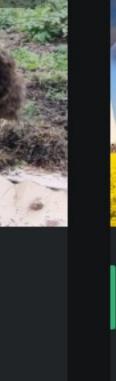
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Bookmarked by Signe and 430 others

Lab assistent, Grundfos

# Similar Challenges

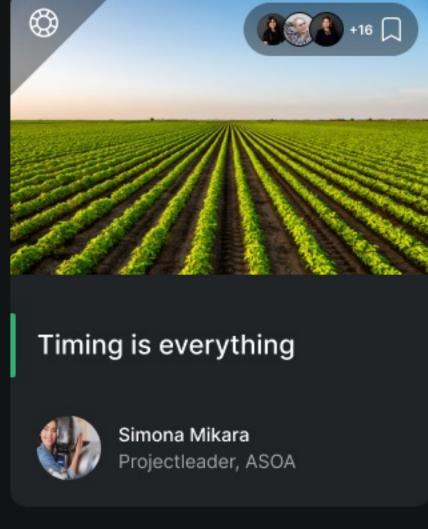


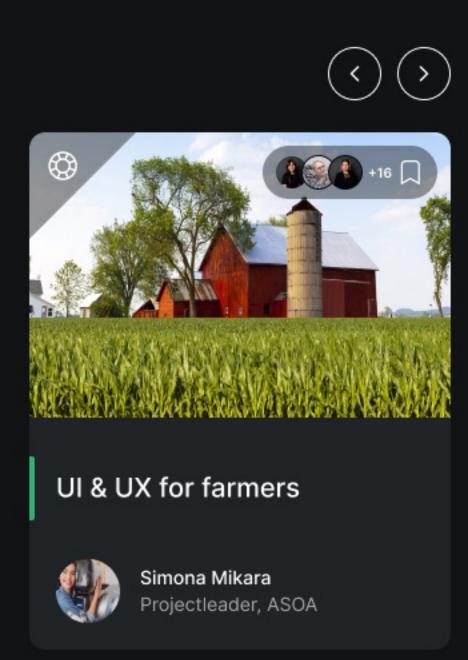


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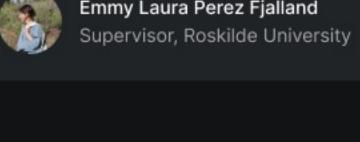
Challenges









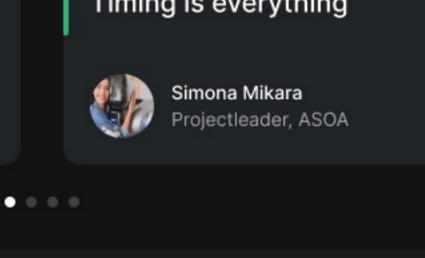


**Thirdroom Connects** 



Supervisor, Roskilde University

Startups



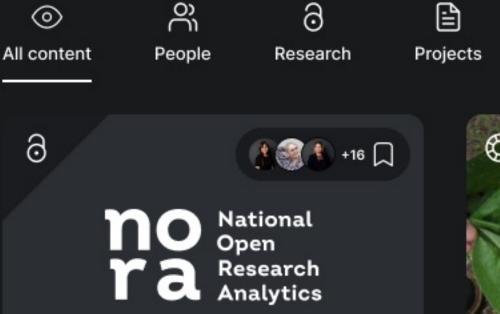
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Communities

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Partners

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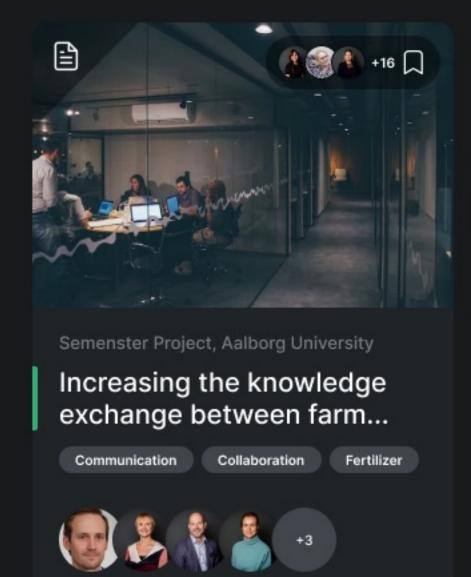


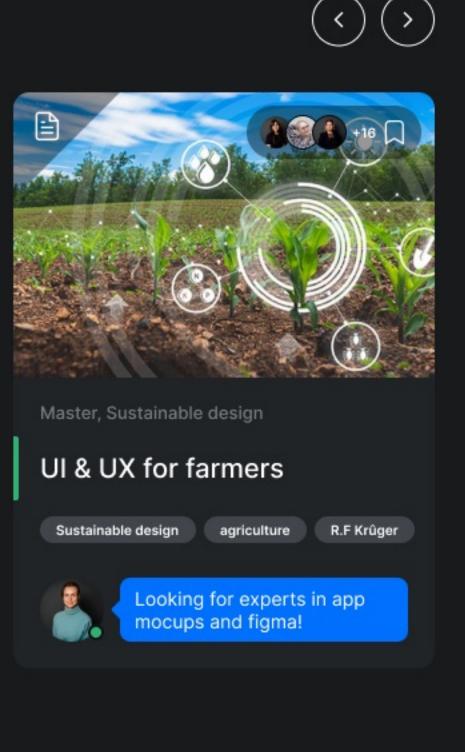
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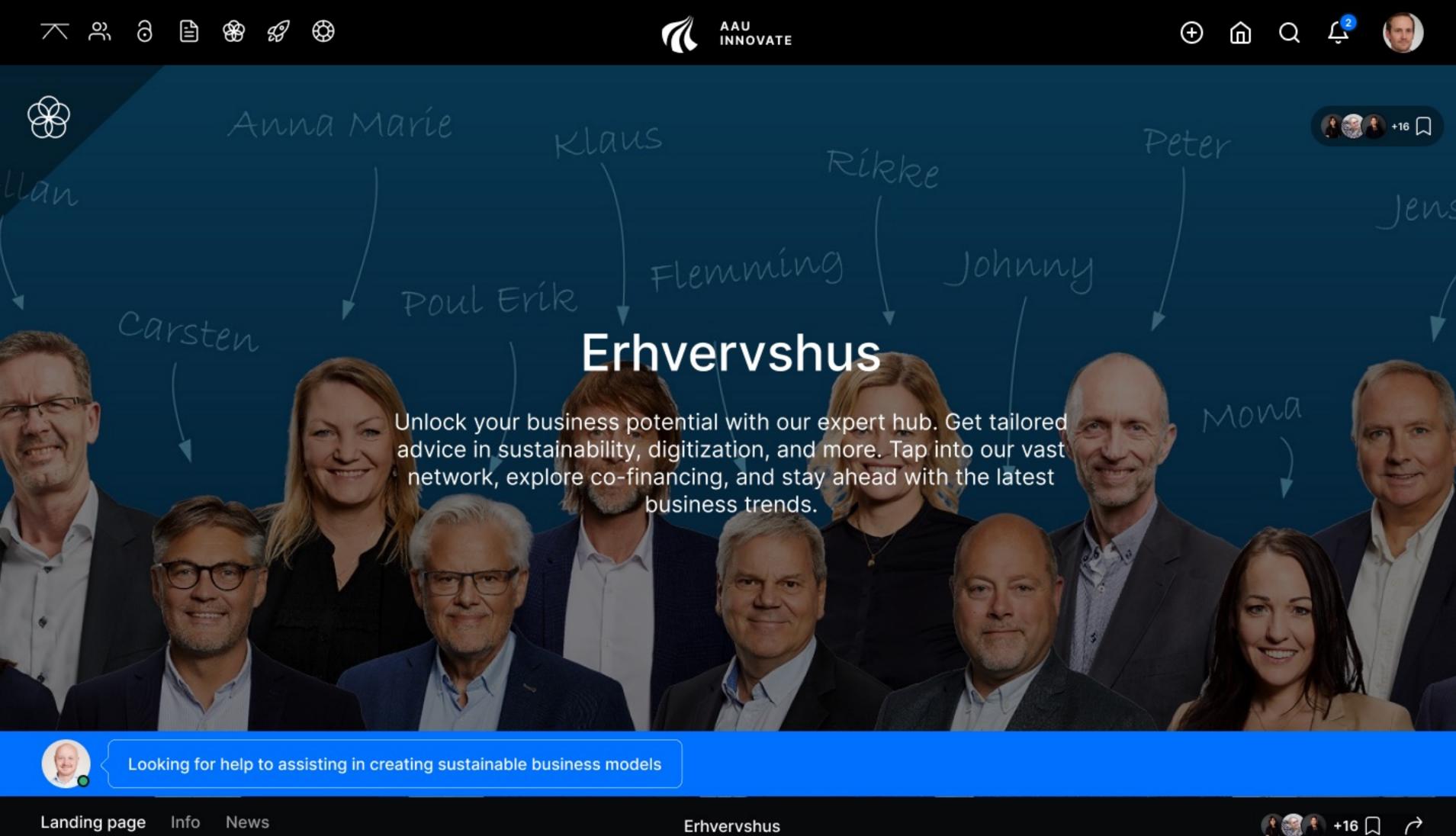


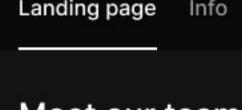
Simona Mikara

Projectleader, ASOA









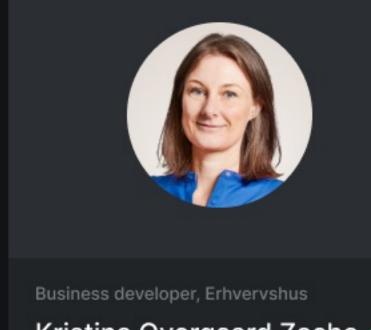
Meet our team

See all



Bjarne Brodersen • I feel best out with the companies. For me, it's a pleasure when we can...

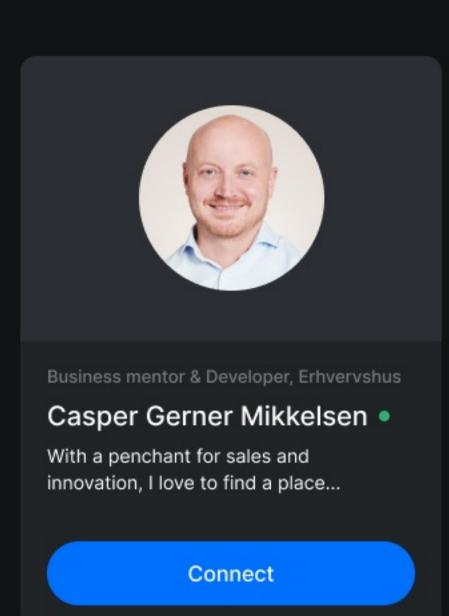
Connect



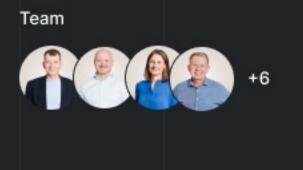
Kristina Overgaard Zacho • I love sparring with companies about how exactly they can translate...

Connect

 $\bullet$   $\bullet$   $\bullet$   $\bullet$ 



### Featured timelines



### Erhvervshus Project: Business Expansion Accelerator



Jan 10, 2021 Market Analysis



Jun 15, 2021 Product Development



Sep 21, 2021 Marketing Strategies



Jan 24, 2023 Operational Efficiency



Mar 05, 2023 **Financial Planning** 



Jun 12, 2023 Partnership and Collaboration



"

"In Denmark, we are primed for business growth. Let's overcome modesty, embrace risk, and tap into digital and global scales to provide the knowledge, networks, and funds necessary."

Sebastian Antony, Nicolai Doroshenko & Thea Linganathan, Tomas Hanks, Leonardo Cindercatio Team, Cindercat Games

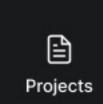


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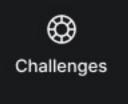
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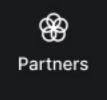


Forestfire

Leif Sandahl

Fire Engineer, EFFIS





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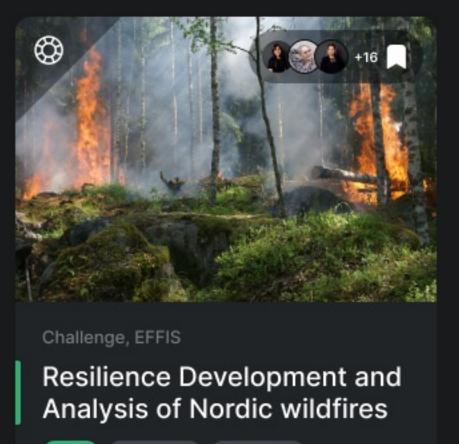




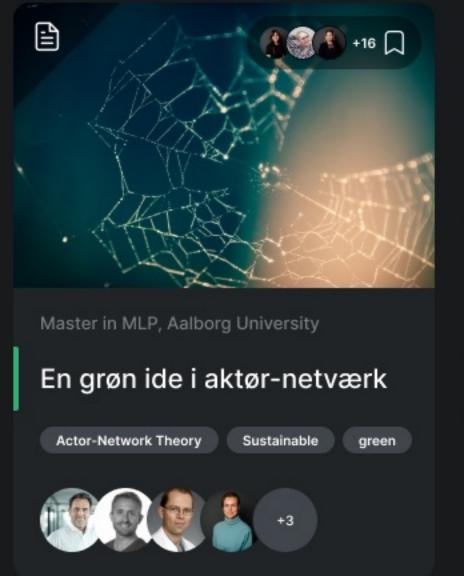


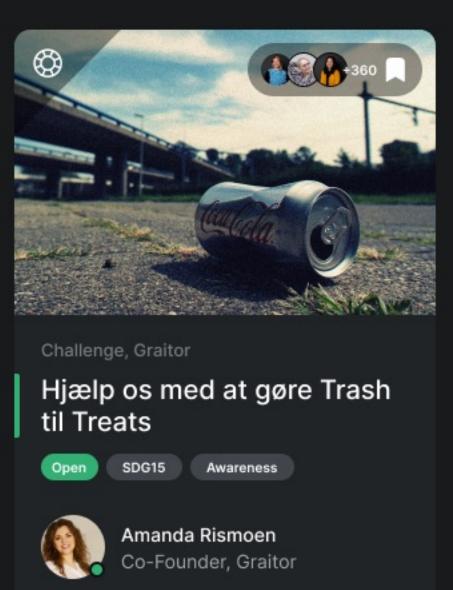


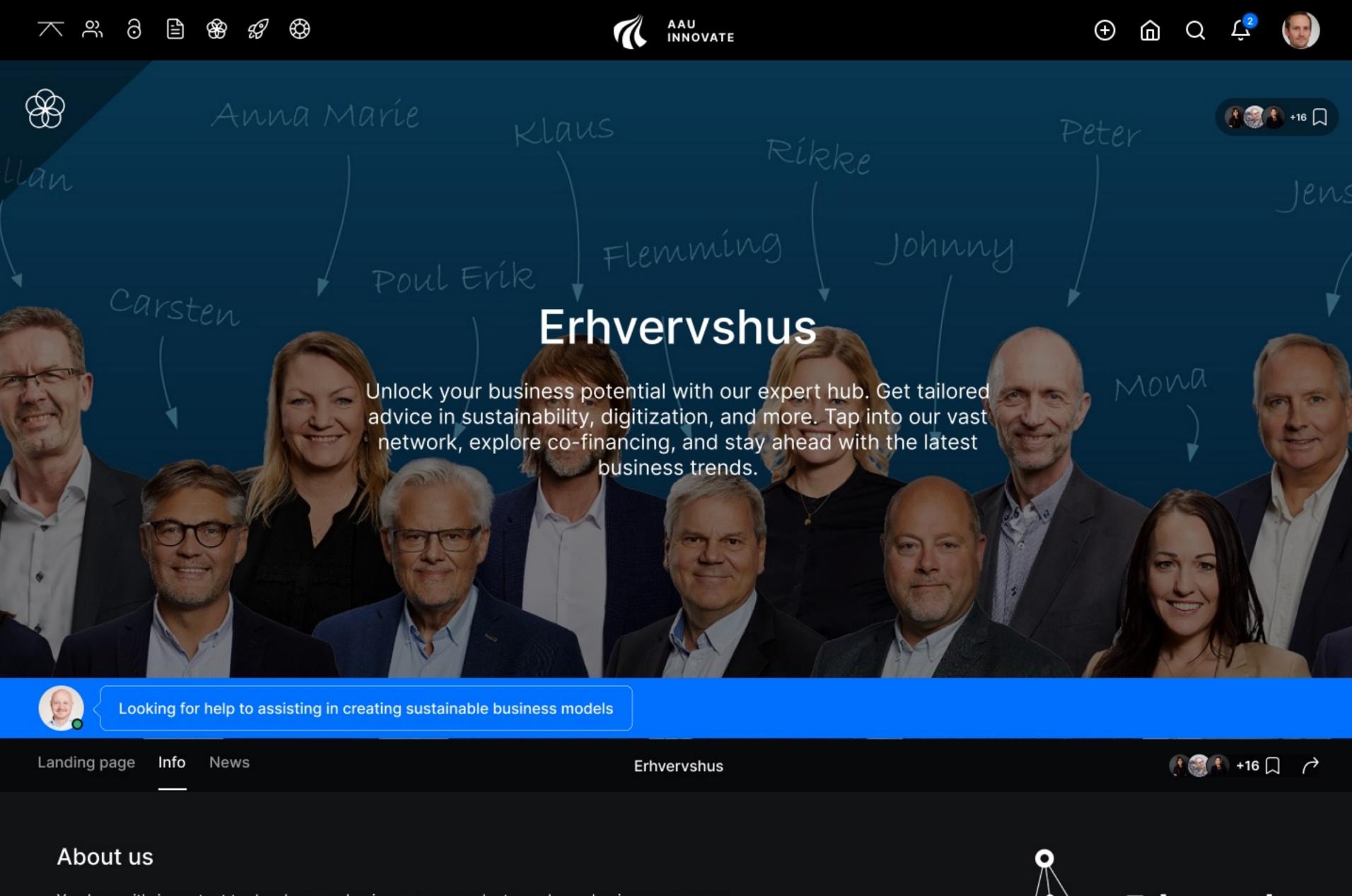
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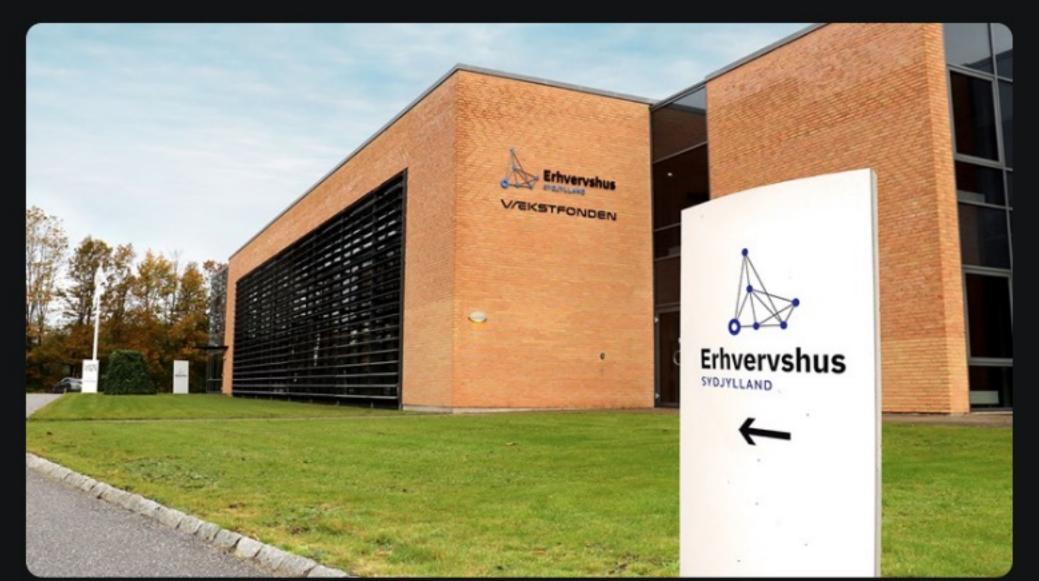
Wildlidlife



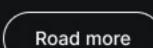




You know, it's important to develop your business, your products, and your business processes. But how should you approach it? Talk to us. We have specialists in digitalization, sustainability, export, strategy, and much more. At the same time, we are a gateway to a network and a wide range of offers that help you progress in developing and growing your business. It only costs you your time and commitment to receive impartial guidance from our experienced business developers.



Credit: Image of the headquarters, Erhvervshus





- Mentorship
- Microgrants
- ිලී Network
- S News

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### **UN SDG Classification**







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### Ask us about

Digitalization & automation Sustainability Financing Innovation Internationalization Sales & marketing ) ( Energy crisis guidance )

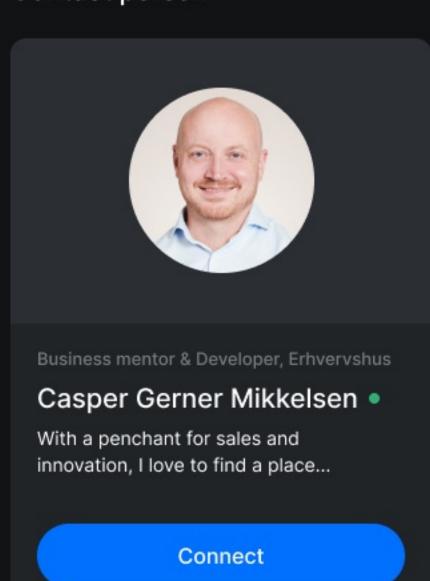
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### Attachments

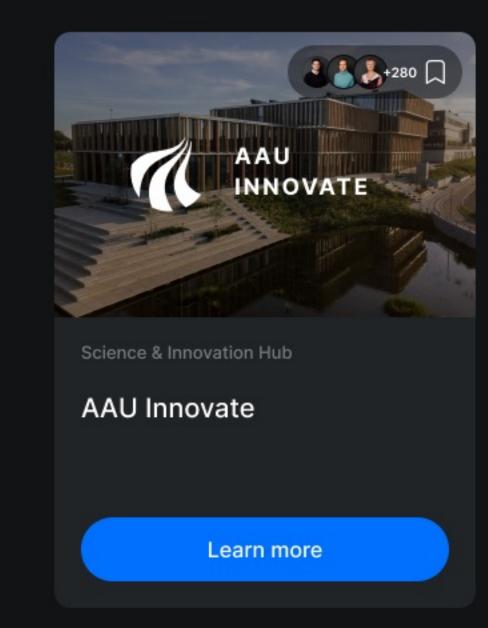
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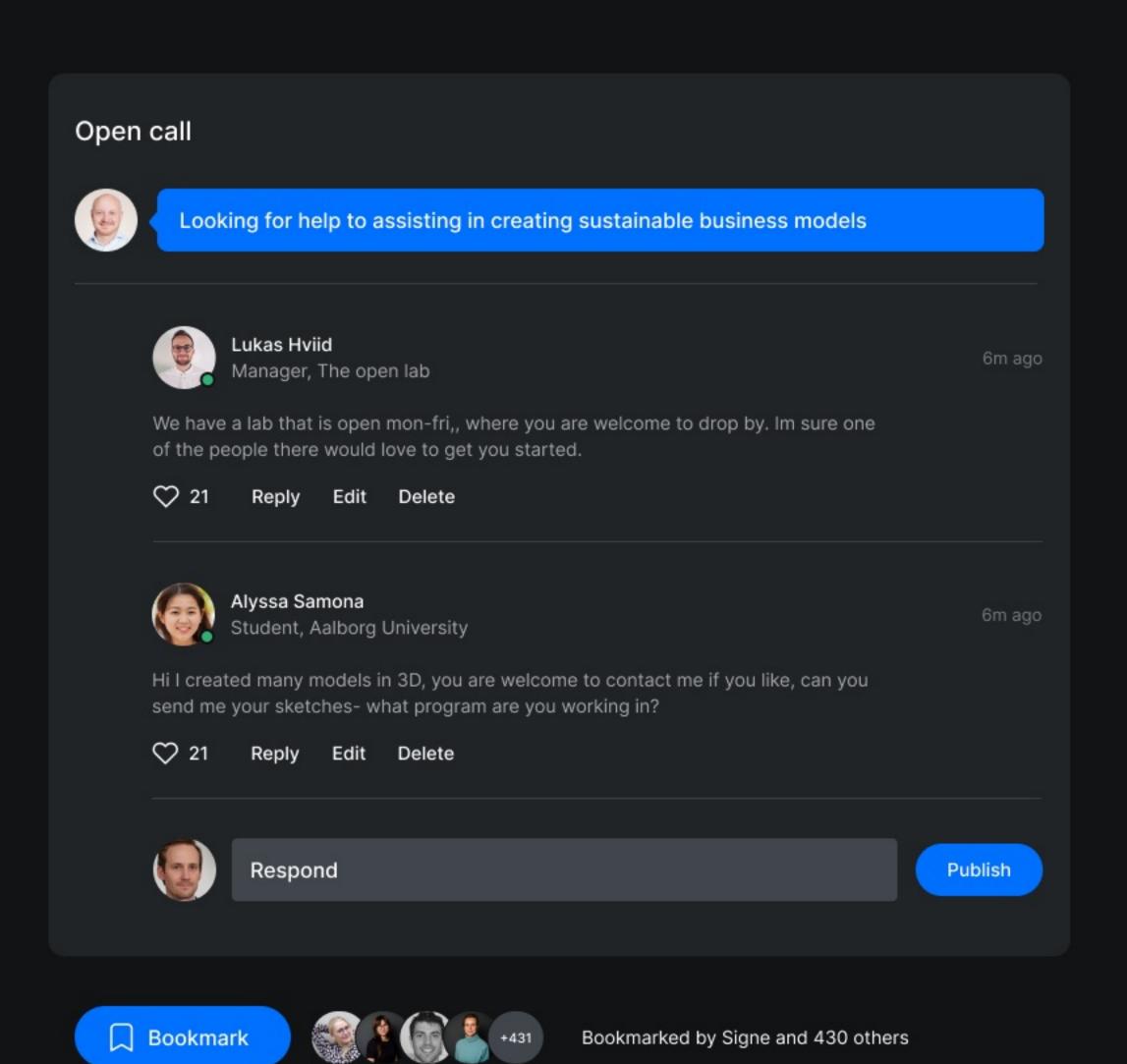
# Erhvervshus NORDJYLLAND

### Contact person

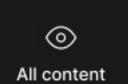


### Affiliation









9

Research, Nora

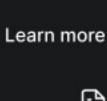
Climate Action

SoMe



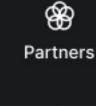






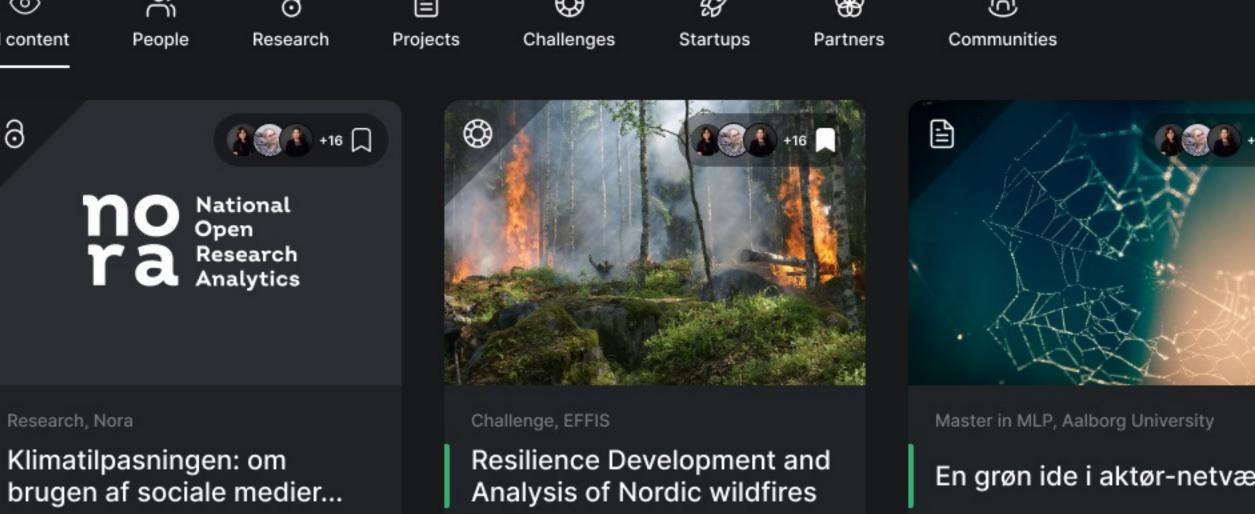










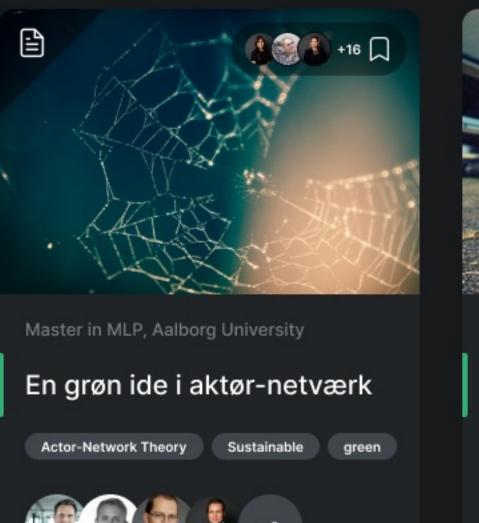


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Fire Engineer, EFFIS

Wildlidlife





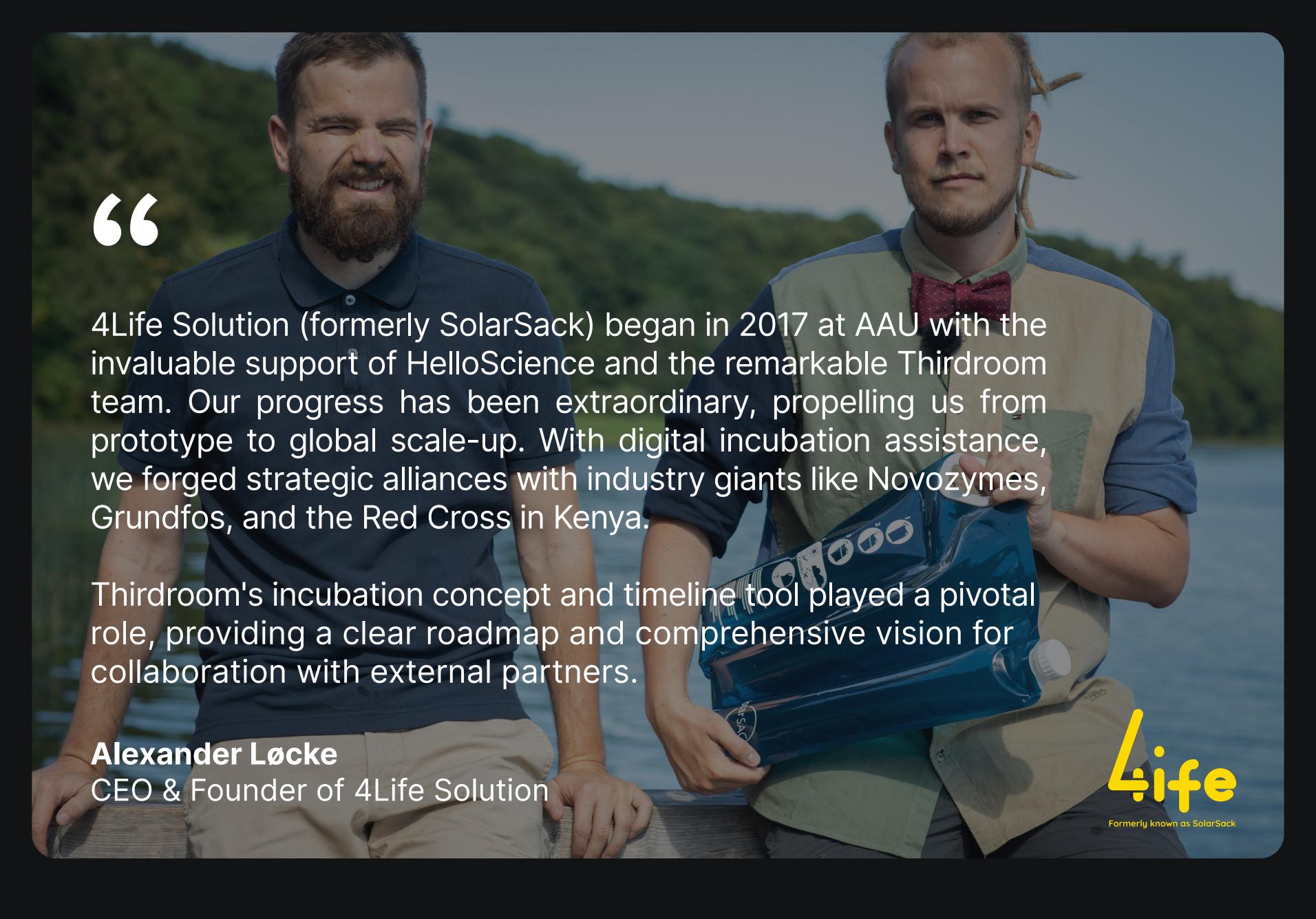
### A Reference Case

Johan Juul Jensen johanjuulj@gmail.com

Alexander Løcke al@4lifesolutions.com

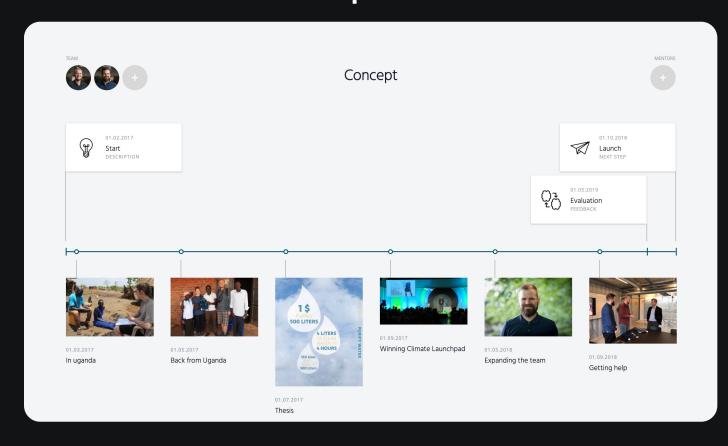




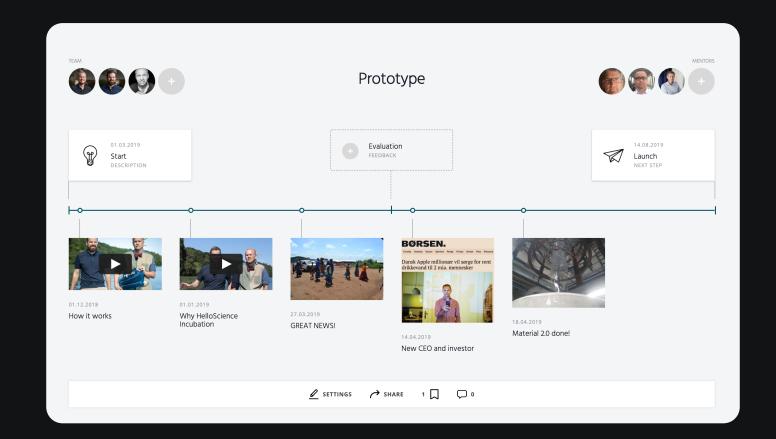


# The Digital Incubation from Prototype to Scale Up

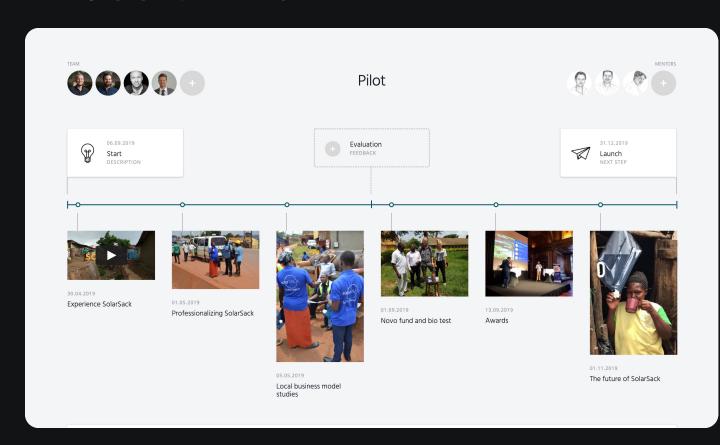
Phase 1: Concept



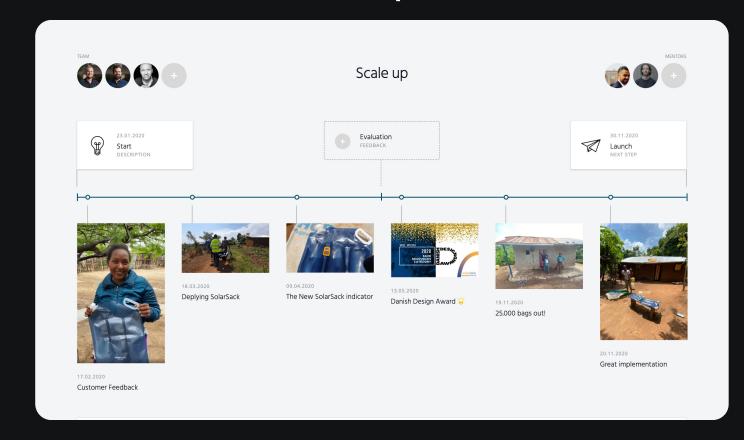
Phase 2: Prototype

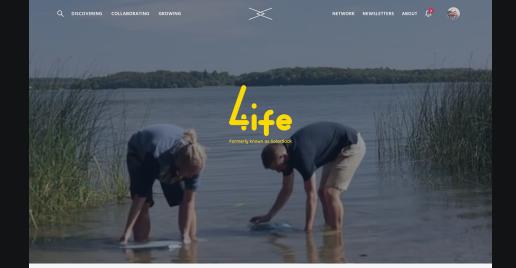


Phase 3: Pilot



Phase 4: Scale Up





#### THE CHALLENGE



#### CLIMATE IMPACT

#### THE FULL JOURNEY







#### COLLABORATION WITH RED CROSS

"Our collaboration with the Red Cross is going to be fundamental for the way that we structure our







#### SDG FOCUS











### SolarSack: Phase 4

Follow the journey of SolarSacks scale up now with a bullet proof product, a stonger team and 25.000 bags to being deployed

