

BoostUp

# BoostUp! 2020

Regional Final CLC North  
Winners



ACCELERATE



CREATE



TRANSFORM



Manufacturing

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# CREATE

Entrepreneurs with a new solution to commercialize



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**1st  
Place**



### **3D TOUGH**

3D TOUGH is developing a solution that makes use of 3D printing to make high-velocity impact materials (HVIM), which protect people and equipment, through a method that can make use of up to 100% recycled material. The 3D TOUGH method reduces both waste and the CO2 footprint of HVIM, which are used in the defence, construction, automobiles, aerospace, as well as the sports industry. The high-strength materials can be produced by anyone with a 3D printer, leading to flexible on-site production. The team consists of Gaurav Das, Arjun Das and Sanjay Shah.

**1st  
Place**



### **SoftDREAM**

SoftDREAM is developing a software which makes it possible and effortless to turn any robotic arm (500 000+ in Europe alone), regardless of manufacturer, into a hybrid additive manufacturing (AM) cell. This will allow companies to adapt their production and product portfolio at a significantly reduced cost, lead time and environmental impact. The core team members include Emil Johansson, Vasan Churchill, Franziska Aschersleben, Guenole Bras and Anne Keroue.



## CREATE

3<sup>rd</sup>  
Place



### Svala Technologies

Svala Technologies has developed a patent-pending technology, through which potential customers get valuable insights about the behaviour of molecular structures, allowing for optimisation of properties, potential cost reductions as well as higher lab-trial success rates. The method is relevant for several high-tech industries and enables sustainable energy through improved batteries and energy storage. Team: Rasmus Andersson, Fabian Årén, Patrik Johansson, Johannes Henriksson, Emil Krutmeijer and Sirikun Loetsakwiman.

3<sup>rd</sup>  
Place



### XCHANTO

XCHANTO has developed an innovative approach to X-ray CT data analysis, yielding a detailed and quantitative surface evaluation of components and channels. Surface texture is a critical part of the performance of components. Optimising components and tools improves design, as well as energy efficiency and productivity. Team: Christopher Gottlieb Klingaa and Abdul Rauf Khan.

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# ACCELERATE

For start-ups ready to expand



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**1st  
Place**

### PlasticFri

PlasticFri uses renewable resources for making a plant-based material that looks and functions much like conventional plastic. The high-quality material is biodegradable and non-toxic. It leads to up to 90% less CO2 emissions compared to conventional plastics.



<https://plasticfri.com/>



**2nd  
Place**



### Kaffe Bueno

Kaffe Bueno upcycles used coffee grounds from cafés, hotels, offices into active and functional ingredients for cosmetics and functional foods. Solutions include oil and exfoliating ingredients for cosmetics, as well as gluten-free flour, which is rich in insoluble dietary fibers and protein.

<https://www.kaffebueno.com/>



3rd  
Place

### LightSpace

LightSpace Technologies has invented key enabling technologies for real-time multi-plane and holographic 3D image displays. Their solutions are used in consumer products, automotive, as well as the fields of medicine, aviation and defense.



<https://www.lightspace3d.com/>

3rd  
Place

### Viking Analytics

Viking Analytics seeks to empower experts in asset-heavy companies with analytics and AI to analyse, monitor and predict the operational performance of their assets and processes, thereby preventing expensive machine downtimes and optimising performance.



<https://vikinganalytics.se/>

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# TRANSFORM

For SMEs ready to transform their business



Manufacturing

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**BoostUp**  
Winner 2020



**TRANSFORM**

**1st**

**Place**



### Scandia elevator

Scandia elevator is an established producer of grain-handling equipment and accessories (including elevators, chain conveyors, belt conveyors), with customers in over 30 countries. Its transformation initiative is to develop automated, smart systems for grain handling, with integrated internet of things (IoT) and AI technology, which helps prolong equipment-lifespans, reduce downtime through predictive maintenance and provides farmers with real-time data about the quantity and quality of stored grain.

<https://skandiaelevator.com/>

**1st**

**Place**



### Neurisium

Neurisium builds next-generation production management and automation platforms to manage production processes spanning multiple sites or companies. Its transformation initiative is to develop a modular product development platform with AI add-ons that enables collaboration across the whole value chain. The platform will allow Neurisium's clients to ramp up product development efficiently, while cutting the IT costs and gaining extra benefits with AI support tools — improving both time to market and product quality.

<https://www.neurisium.com/>

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# BoostUp! 2020

Congratulations to all the Winners! We'll see you at BoostUp! 2021 in Gothenburg!