

BoostUp

BoostUp! 2020

Regional Final CLC East
Winners



ACCELERATE



CREATE



TRANSFORM



Manufacturing

EIT Manufacturing is supported by the EIT,
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Boost  Up



CREATE

Entrepreneurs with a new solution to commercialize



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CREATE

**1st
Place**



3D Food Printing of plant-based seafood alternatives

We develop plant-based seafood with 3D Food printing. 3D Food printing allows us to produce complex, heterogeneous products such as salmon fillets or tuna steaks, which do not exist on the market right now. We see 3D Food Printing as the enabling technology for the next generation of plant-based meats, which are fully structured (e.g. whole cuts) as opposed to current predominant analogues of processed meats (plant-based hamburgers, fish sticks).

**2nd
Place**



Wasteful

Waste is a resource. The plan is to create a mobile-factory in a shipping container that produces recycled pavements from plastic and construction waste. The resources are sourced locally as the plastic and construction waste are found in every city around the world. The pavements will be used for public spaces, sidewalks and squares so there will be a visible impact for each community. In need of bigger capacity more production units can be deployed. At the end of a project they will be moved for the next town.



**3rd
Place**



Multi-Purpose Disinfection Robot

During the COVID-19 epidemic, the professional disinfection of plant areas that employ larger groups of people has proven to be a particular challenge. Currently used indoor disinfection procedures are extremely human resource- and time intensive and require personnel to be present in potentially contaminated rooms. Our idea provides a solution for companies engaged in plant work by enabling an automated disinfection procedure that requires significantly reduced human resources and time.

**4th
Place**



End-to-end Intelligence Augmentation platform

The addressed problem is the skills and innovation gap in manufacturing the root cause of which is the need for long on-the-job training to assimilate complex plant operating knowledge. An estimated 2.4 million manufacturing jobs are expected to be unfilled by 2028 with a potential economic impact of \$2.5 trillion (Deloitte). The total addressable market (TAM) of the augmented analytics market size will reach \$22.4 billion in 2025 (Grand View research) with the manufacturing segment representing 20% of TAM. The vision is to create a recurrent revenue model called Prediction as a Service by selling actionable manufacturing insights to be used by business experts for decision making.

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ACCELERATE

For start-ups ready to expand



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1st
Place



D-Cube Immersive Solutions

D-Cube is a spin-off company of the Visual Computing Lab/CERTH and specializes in cutting-edge quality assurance solutions for diverse industrial domains, using computer vision, machine learning, artificial intelligence and big data analytics.

2nd
Place



RADICOS Technologies GmbH

Radicos develops and supplies TWIN, a patented hardware sensor platform for industrial IoT applications in harsh environments. Sensors can be used as actuators to trigger alarms or activate equipment via e.g. a photocoupler.



ACCELERATE

3rd
Place

 **twinzo**

Twinzo j.s.a.

Twinzo changes the way manufacturing companies are looking and can look at their whole production process in its complexity. Their 3D Live Digital Twin can visualize in 3D any type of data, from any type of source, on any type of device, anytime and anywhere and become so the management's central point for decision making.

4th
Place

 **incus**
part of your production

Incus GmbH

Incus is a high-tech system provider for additive manufacturing of metal powder. With its newly developed lithography-based method of processing a wide range of materials, Incus is able to set new standards for the additive manufacturing of metals.

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TRANSFORM

For SMEs ready to transform their business



Manufacturing

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1st

Place

Katty Fashion Ltd.



Katty Fashion is a highly innovative SME in the regional fashion industry of North-East Romania. It is transitioning from a rather unsustainable garments manufacturing business model to a highly innovative and sustainable one.

2nd

Place

HOLLEN s.r.o.



Hollen helps automotive manufacturers and their suppliers to improve the quality of their production and to maintain their supplier evaluation. They are a Slovak company with German know-how, present in Slovakia, Czech Republic, Hungary & Russia since 2001.

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Winner 2020



TRANSFORM

**3rd
Place**



ROSEAL S.A.

Roseal is an innovative SME with long-term experience in sealing systems. Activities include research, design, production, repairing, technical assistance and commercialization of almost all kind of existing sealing systems and sealing materials.

**4th
Place**



CSF ELECTRIC
Feather Processing Machines

CSF Electric Ltd.

CSF-Electric Ltd. was founded in 2014. Its main activity is to produce textile industrial devices, including washing, drying, cooling, and dedusting machines; wet and dry silos, feather sorters, vacuum boxes, duvet and pillow filling machines.



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Congratulations to all the Winners! See
you at the Grand Final in December!