Driving R&D intensive start-ups to scale-ups; it takes a village

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Spark904 & Open Kitchen Labs

Spark 904

World Bio Markets
8 – 9 JUNE 2022, HILTON DIAGONAL MAR, BARCELONA

Spark
904
We've got a problem

And you want to solve it in a socio-techno-economic way
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Our mission

Play a technology enabling role in 50 new innovative products/ services in the circular economy by 2028

Scale our proven facility sharing methodology at all European Science hubs by 2028

If you are a start-up in this sector, you are probably facing the following challenges:

- High Research and Development costs
- Specific equipment/ techniques
- Multi-disciplinary scientific expertise
- Long timelines from prototype to a product

- Funding
  - Policy
    - Competition
      - Team/ hires
        - etc etc etc

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Two solutions that we provide

1) Flexible access to academic high-tech infrastructure and experts: **Spark904**

2) Lab as a Service for start-ups in sustainability & circular economy: **Open Kitchen Labs**

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Getting involved

It's not about the piece of high-tech equipment, its about the information you want to get out of it, Spark904 does exactly that, get's you to the information you need to move forward with your development

Lab as a service concept for R&D-intensive businesses

Matrix ONE, Amsterdam Science Park

Open Kitchen Labs

PECTCOF

torwash

Caffe Inc.

From the grounds up

SPAAK circular solutions

"You don't just share equipment, you also share experiences."

Evaluna Marquez Salazar *co-founded Caffe Inc, a startup developing the concept of extracting pigments from coffee waste and use those for textile dyes and printing inks. The material that remains can be used, for example, for the cultivation of oyster mushrooms. Caffe Inc is all about waste valorisation and demonstrating that waste equals value.*

'Open Kitchen Labs provides just what we need'

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It starts with good communication &
It thrives on the relationships that we build

Some technologies we are currently developing & assessing

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- Chemical recycling of cellulose acetate (textiles and eyewear) #PEUKENZEE DICK MOBY
- Extraction of colorants from Spent Coffee Grounds Caffe Inc.
- CO_2 neutral products for the build environment based on linoleum Forbo
- Paste based 3D-printing using organic waste AMS Amsterdam Institute for Advanced Metropolitan Solutions, TU Delft, REFLOW
- Zeolites from minerals rich inorganic waste SMIT & ZOON, Universiteit van Amsterdam

We make it happen like a teamsport!

We can’t make it happen without them!