



18th EUROPEAN WEEK of REGIONS and CITIES

05>09 OCTOBER 2020

12>16 OCTOBER 2020

19>22 OCTOBER 2020



RESTART
EUROPE
Together

#EURegionsWeek



Dr Gábor Vicze
innomine DIH



European Committee
of the Regions



innomine DIH is focused on
Smart manufacturing (digital
transformation of
manufacturing SMEs)

Located in Hungary, Budapest and Pécs

Track record of 10+ years to work with
innovation, digitalization and SMEs

Member of multiple H2020 projects
(Cloudifactoring, DIH4CPS, DIGITbrain)

Participated in PWC/Oxentia mentoring
program in CEE



CHANGES IN THE ENVIRONMENT

01

MARKET NEEDS

Massive restructuring of market needs -> for manufacturing companies this meant smaller production series

02

SUPPLY CHAIN

Drastic disruption of supply chain

03

ENVIRONMENT

Fully uncertain environment with frequent changes

OUR SERVICES



IT COMPANIES

Restructuring,
cash-flow
we prepare them for
export markets



SMEs

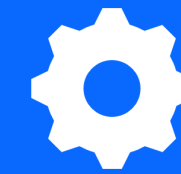
We help the traditional
SMEs transition into the
new era of
manufacturing

COVID-19 brought massive, drastic changes along with speeding up the existing ones

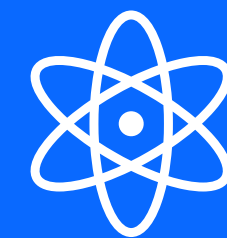
CHALLENGE.

Not possible to manage smaller production series and constant changes in customer orders with the traditional methods

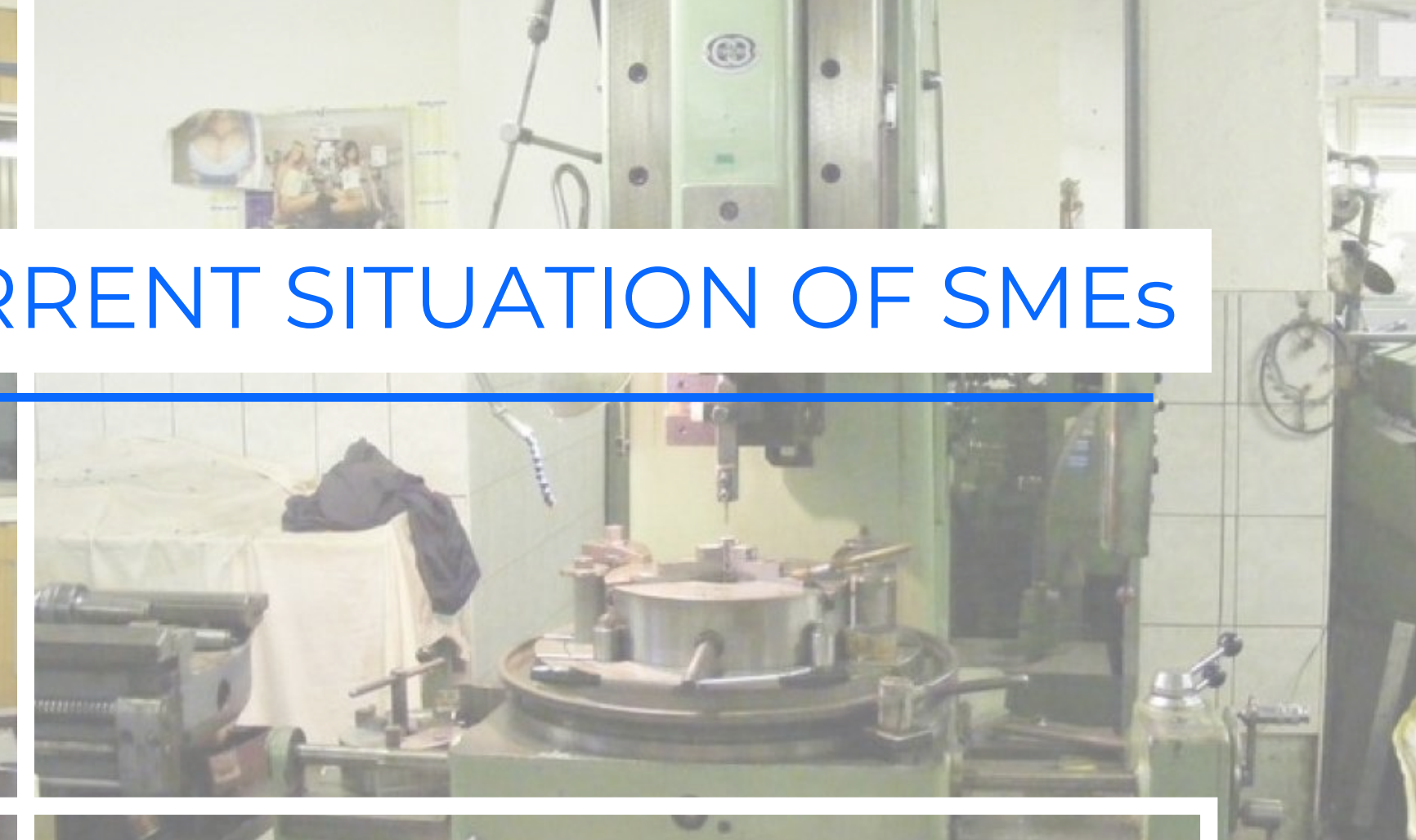
Digitization is needed to simulate different scenarios



PRODUCTION



DIGITALIZATION

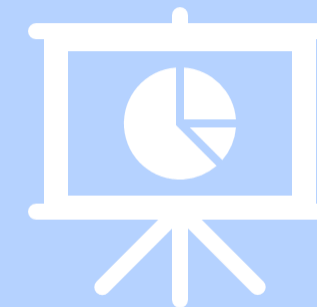


CURRENT SITUATION OF SMEs



DIGITALIZATION

Slow progress
towards digitalization



SUPPLY CHAIN

No frequent change
in supply chain



TRUST

They try out solutions only
from trusted partners

SOLUTION.

Step 1

Data collection
from the
factory
(sensors)

Step 2

Building the
digital twins

Step 3

Playing out
scenarios

Online event, October 22, 2020 at 10:00 (CET)



RESEARCH MEETS BUSINESS



lab-on-chip
interdisciplinary
approach for cancer
stem cells (CSCs) real
time isolation and
neutralization

Dr. Cristiano Palego)



Establishing a brand novel
terahertz-frequency
EPRmicro-spectroscopic
technique based on a
combination of plasmonic-
based magnetic field
enhancement and scanning
probe microscopy. Božena
Čechalová



Examines acoustic
markers for enhanced
remote sensing of
radiation doses - by Prof.
Dr. Jan D'hooge

Fill out this short form: <https://forms.gle/xe2Dwi6bchcGYT6t6>

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