

Biovalley
Investments
Partner

JumpStart
FVG

ESOF2020
EUROSCIENCE OPEN FORUM
TRIESTE



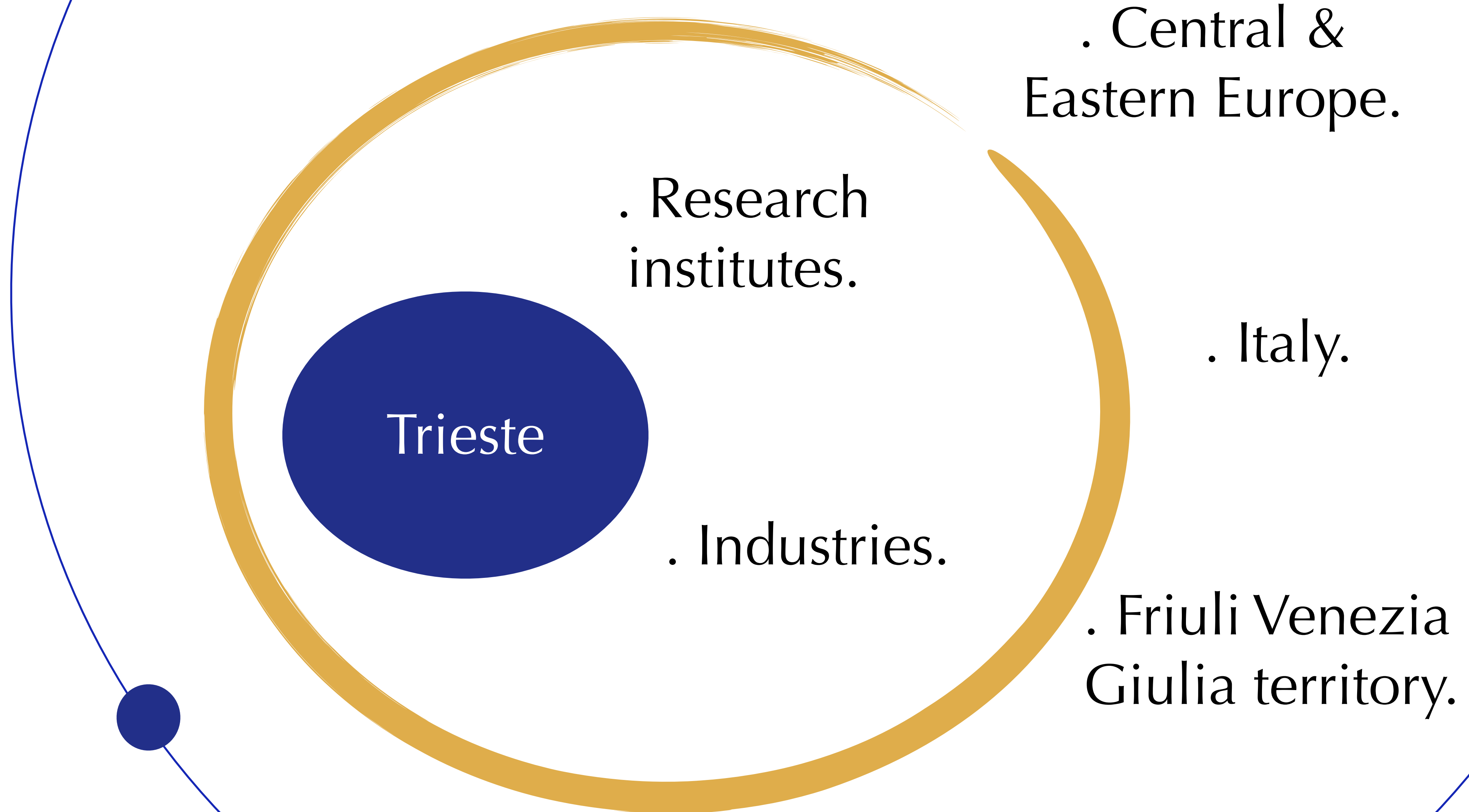
NEXUS, the new HPC data centre in the heart of Trieste, sponsored by Biovalley.

High level machines for
research and business

```
elif _operation == "MIRROR_Y":
    mirror_mod.use_x = False
    mirror_mod.use_y = True
    mirror_mod.use_z = False
elif _operation == "MIRROR_Z":
    mirror_mod.use_x = False
    mirror_mod.use_y = False
    mirror_mod.use_z = True

#selection at the end -add back the deselected mirror modifier ob
mirror_ob.select= 1
modifier_ob.select=1
bpy.context.scene.objects.active = modifier_ob
print("Selected" + str(modifier_ob)) # modifier ob is the active ob
#mirror_ob.select = 0
name = bpy.context.selected_objects[0]
obj_data = obj[modifier_ob.name].select = 1
```

Trieste as strategical NEXUS of cultures and knowledge.




High
performance
data analysis

HPC
Simulation

AI/ML and
Deep
Learning

NEXUS as a jumpstart for territory business, through digital transformation & future computing.



Big data is creating new solutions by including new users/buyers to the HPC space. AI, ML, Deep Learning & High Performance analysis are major growth areas for all industries

Major development areas for business and research.

HPC simulations

Oil and Gas

Fluidodynamics

Material Science

Life Science

AI, ML, Deep Learning

Medical imaging

Semiconductors

Risk/portfolio
Management

HP data analysis

Business Intelligence

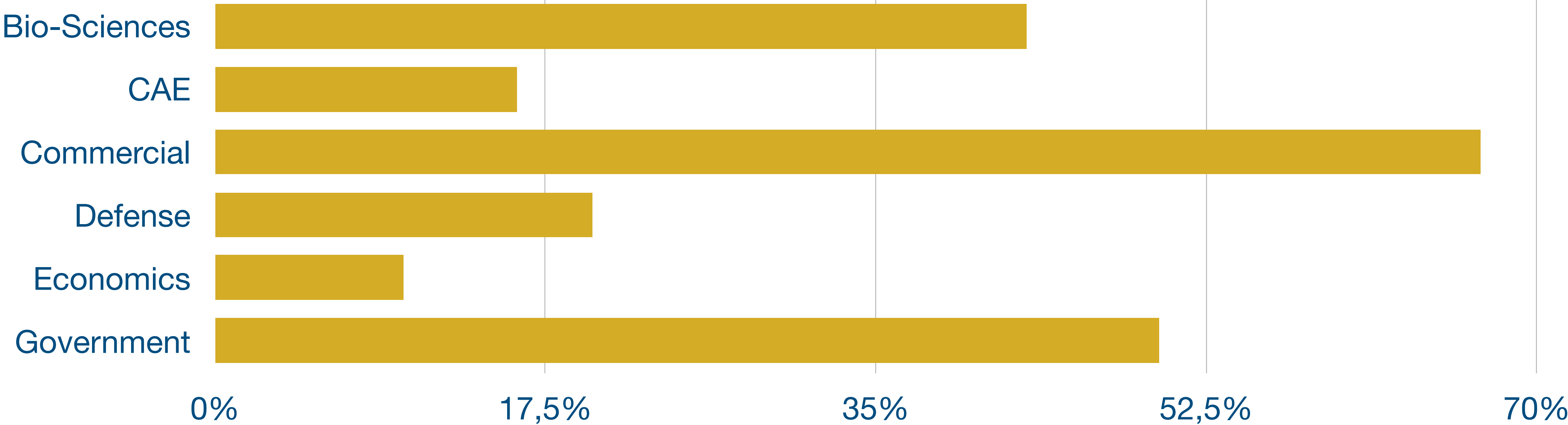
Big data

Financial Analysis

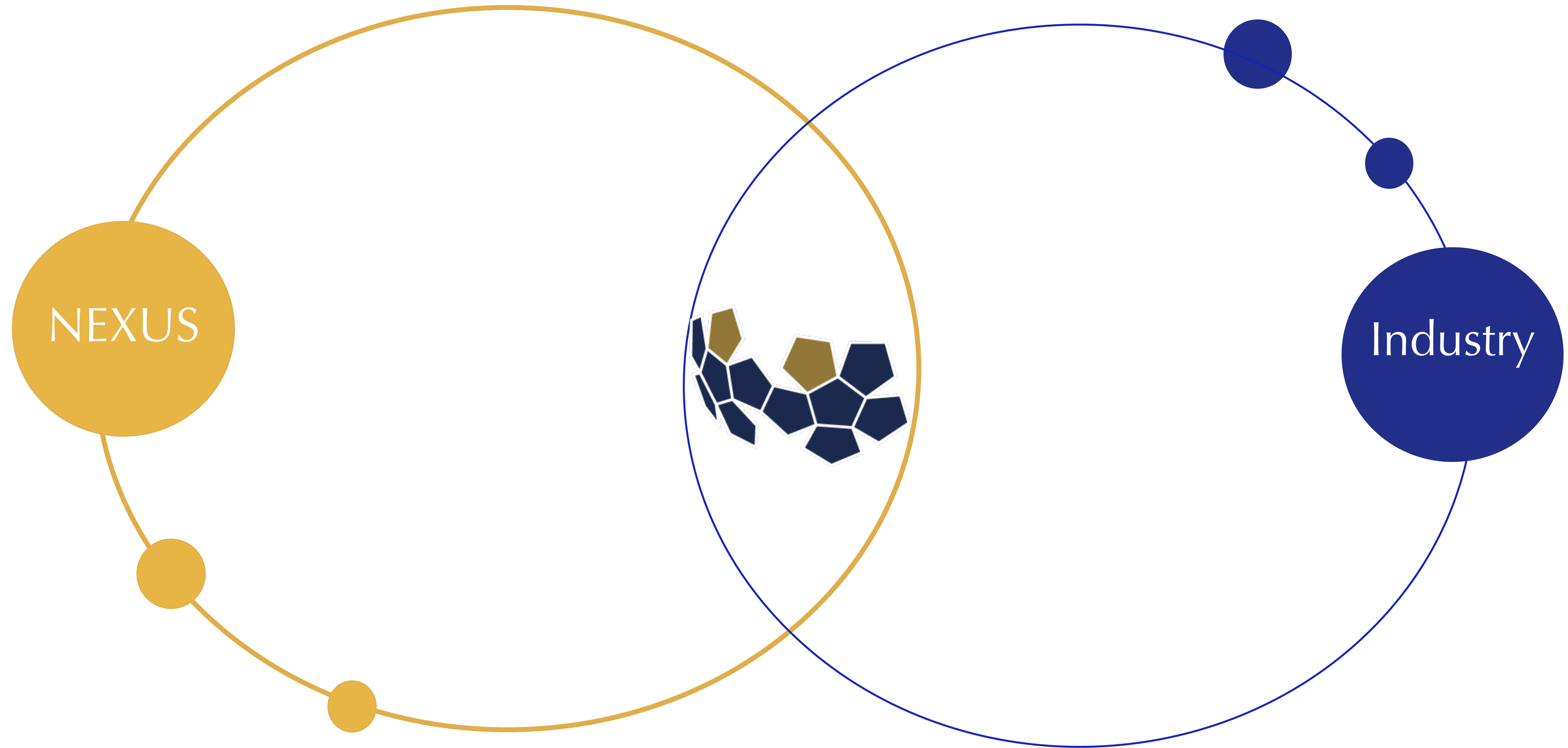
Social Analysis

HPC is becoming essential in multiple industry domains and not traditional use cases, and ubiquitous than ever.

Capital investments in HPC by area



RnBGate's role is to connect the potentiality of Nexus to the needs of industry.



With its many IT partners and experience in the field, Rnbgate is the ideal choice to find innovative solutions.

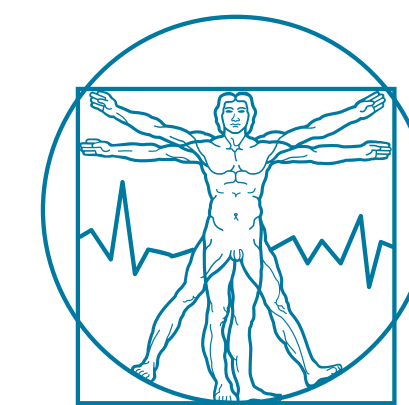
FABRIZIO RENZI
CEO & Founder.
Former Director Technology &
Research - IBM Italy Central
Eastern Europe Middle east Africa

IBM Research





THANK YOU!



Biovalley
Investments
Partner