

# Helping SMEs with HPC

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HPC services and consulting  
3D modeling and visualisation  
web and mobile APPs

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# Who are we?

- Start-up based in STEP-Ri
- Offering HPC&Cloud services to SMEs
- Partnership with HPC vendor

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**Sugon**

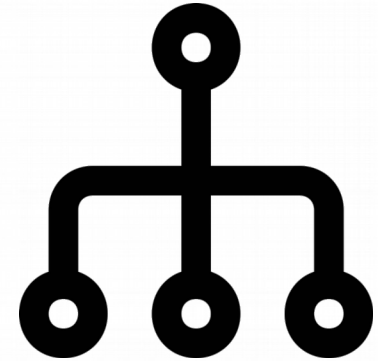
- R&D – EU funded projects:

**sesame**net  
SUPERCOMPUTING EXPERTISE FOR  
SMALL & MEDIUM ENTERPRISE NETWORK

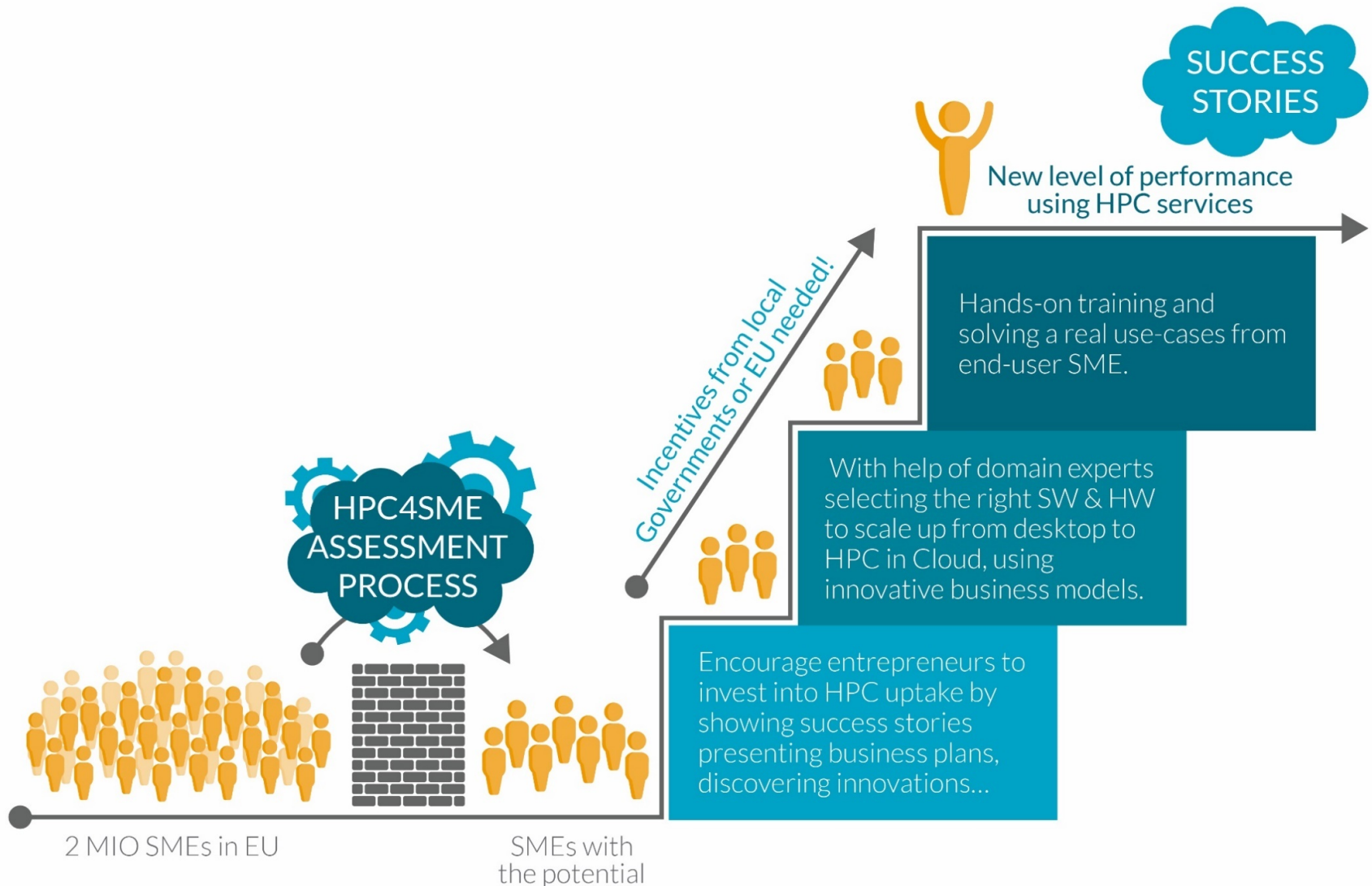


# Challenges in HPC adoption for SMEs

- Resources for HPC
  - Financial and human
- Cooperation with HPC centers?
  - Not a problem if you're large enough
- Awareness for opportunities
  - Is there even demand for HPC in SMEs?



# How to get SMEs into HPC?





# Partner network



Fraunhofer SCAI

Flemish Supercomputer  
Center VSC

HPC-UGent - Ghent  
University

Zenotech

Irish High End  
Computing

Yotta Advanced  
Computing d.o.o.

Ruder Boškovic  
Institute

ARCTUR

University of Ljubljana

EngineSoft Spa

eXact-lab srl

University of Coimbra  
- Laboratory for  
Advanced Computing

CESGA

BIFI-UNIZAR

HPC Now

Performance  
Optimisation and  
Productivity Centre  
of Excellence (POP  
CoE)

Riga Technical University  
HPC Center

Vilnius University

PSNC

TechInnowacje Sp. z o.o.

IT4 Innovations National  
Supercomputing Center

KIFU / NIIF Programme

Obuda University, Biotech  
Knowledge Center

West University of Timisoara

Gradski zavod za javno  
zdravlje

University of Novi Sad,  
Faculty of Sciences

Faculty of Science  
Kragujevac

Institute of Physics Belgrade

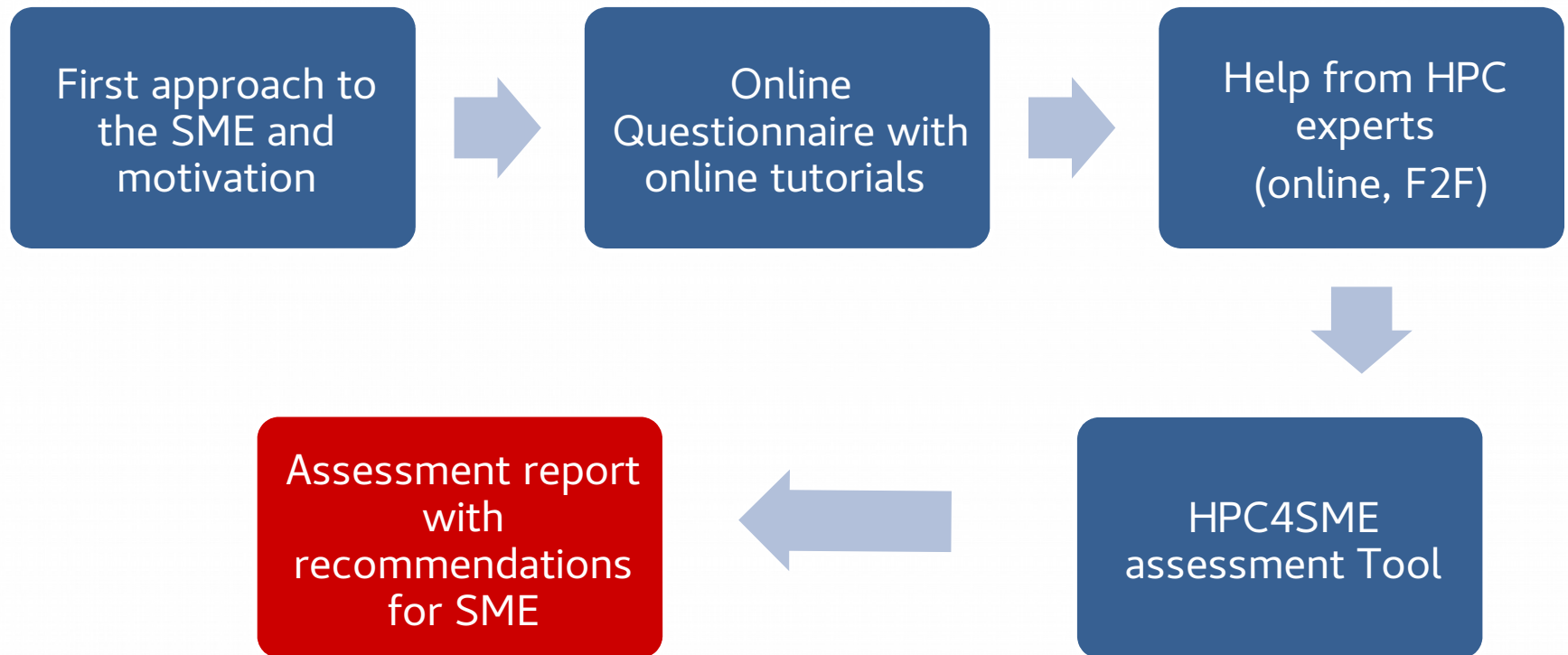
Institute of Information  
and Communication  
Technologies

Faculty of Computer  
Science and Engineering

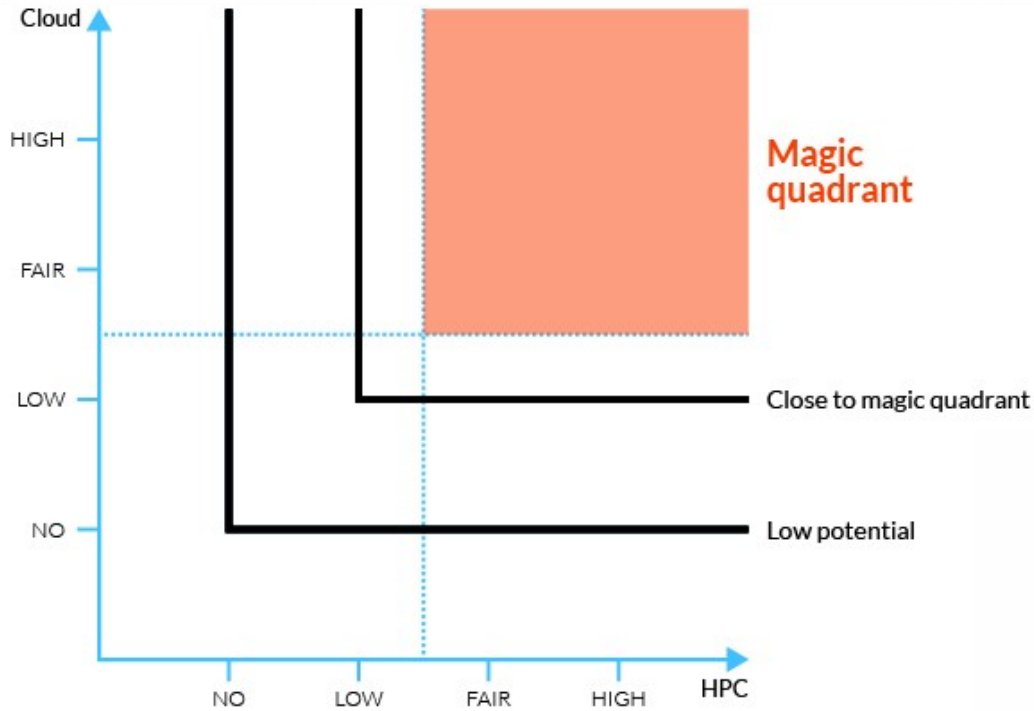
Greek Research and  
Technology Network S.A.

WEIZMANN  
Institute of Science

# HPC4SME Assessment Tool



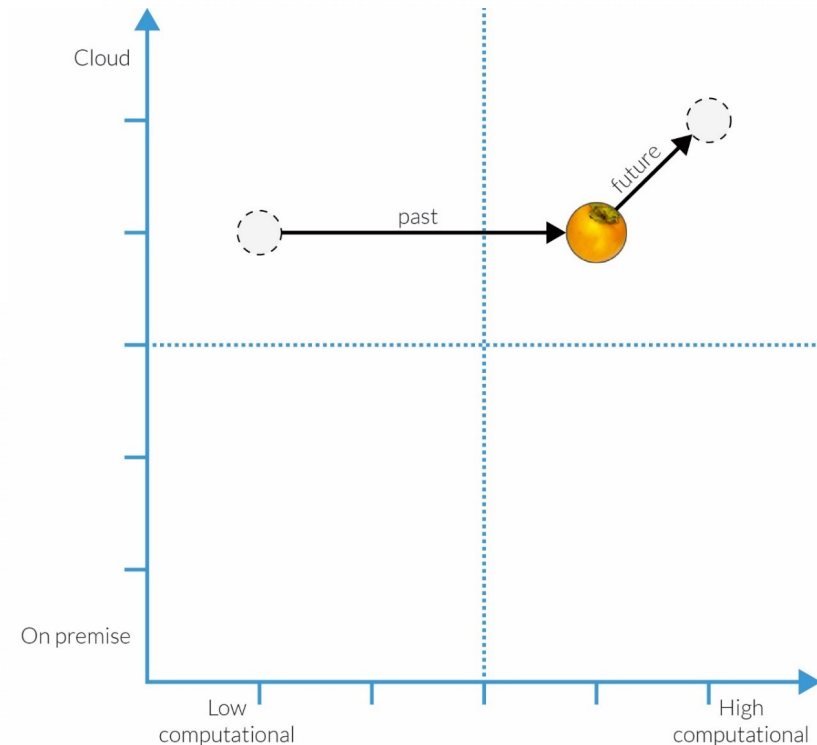
# HPC4SME Assessment Tool



sesame



SUPERCOMPUTING EXPERTISE FOR  
SMALL & MEDIUM ENTERPRISE NETWORK



# Network goals

- Raising awareness and encouraging SMEs
- Facilitate access to HPC using innovative business models
- Offering services and sharing best practices
  - Software development, code optimization services, performance benchmarking...

**Open & inclusive SESAME Community**





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