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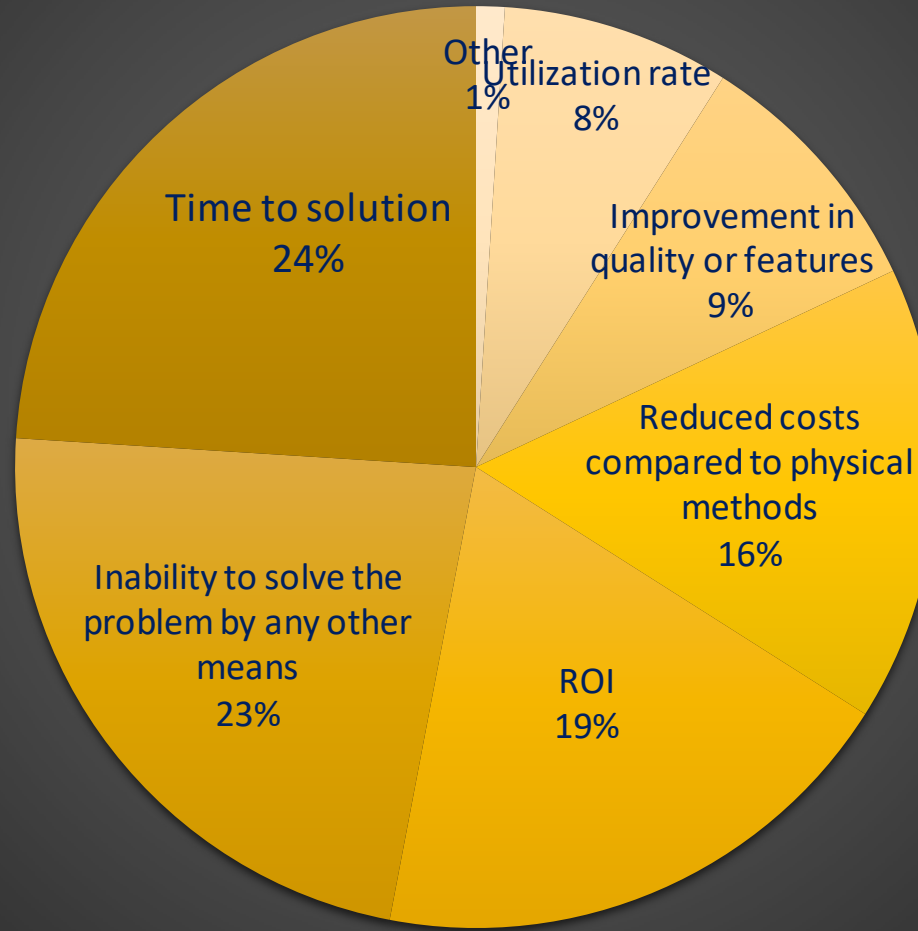
How to replicate a successful experiment in my Region? The Fortissimo Use Case

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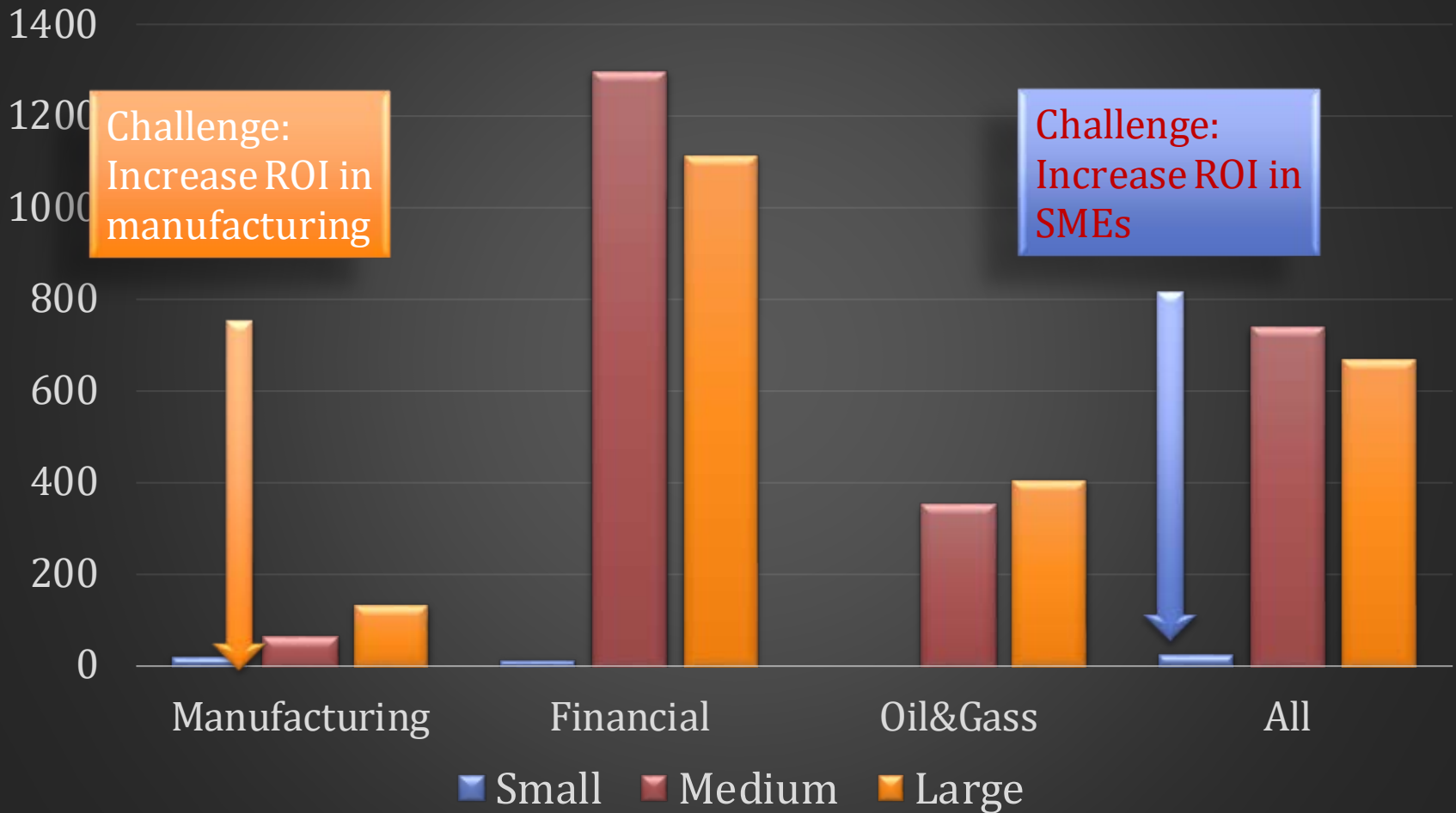
European Week of Regions and Cities
Brussels
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Why HPC?

Benefits of HPC
(Source: Council of Competitiveness)



Average Revenue \$ per \$ invested in HPC
(Source: HPCForum)



Experiments



□ Business oriented experiment:

- Solve a business problem
- Evaluate ROI
- Business Plan

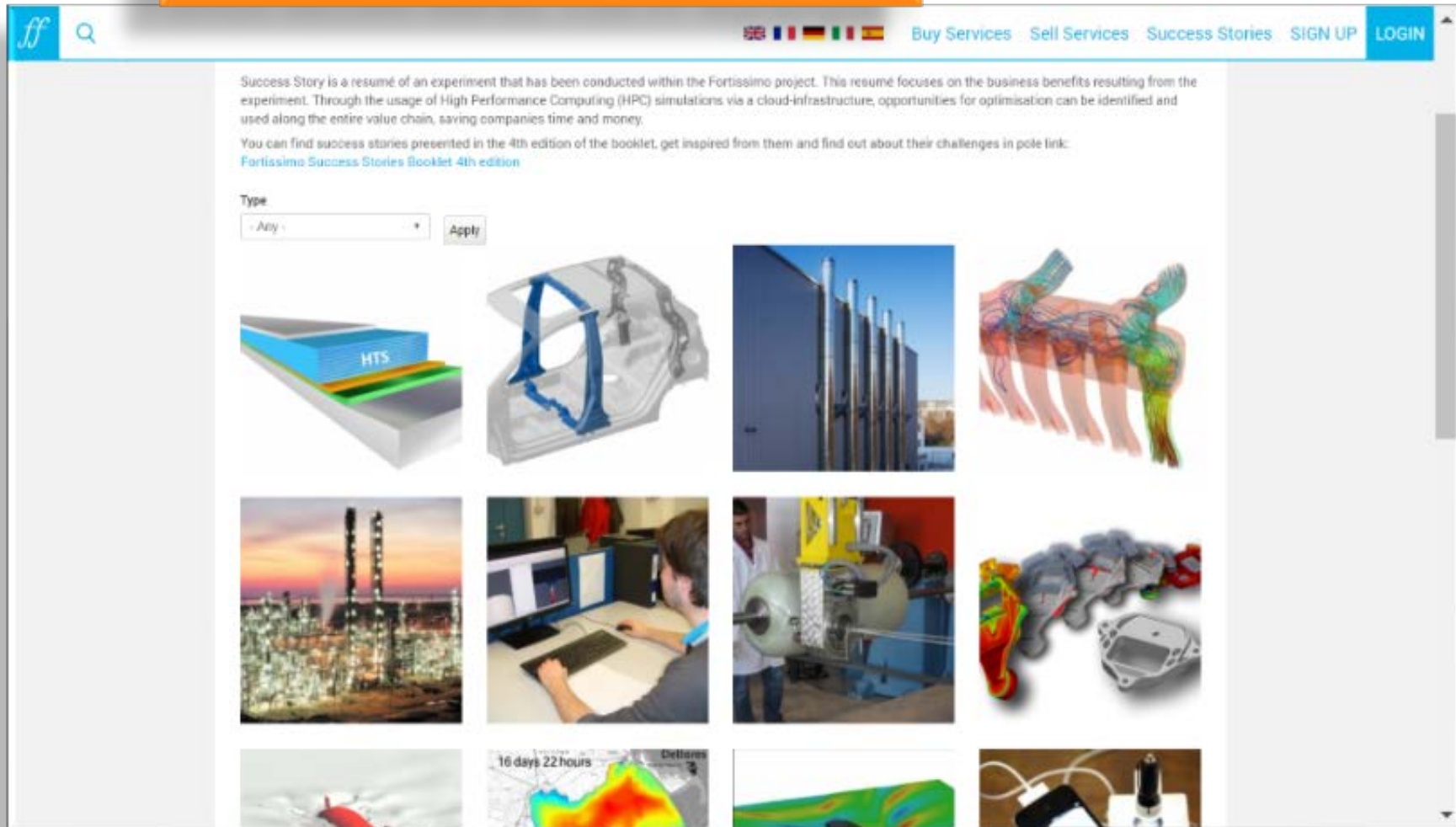
□ Identify and join actors:

- SME
- Domain Expert
- Technology providers

□ Oversight:

- Follow the experiment monthly
- Evaluate results

Publish Success Stories. Visit FF Marketplace



Success Story is a resume of an experiment that has been conducted within the Fortissimo project. This resume focuses on the business benefits resulting from the experiment. Through the usage of High Performance Computing (HPC) simulations via a cloud-infrastructure, opportunities for optimisation can be identified and used along the entire value chain, saving companies time and money.

You can find success stories presented in the 4th edition of the booklet, get inspired from them and find out about their challenges in pole link: [Fortissimo Success Stories Booklet 4th edition](#)

Type

The screenshot displays a grid of 12 images representing various success stories:

- 1. A 3D diagram of a layered structure labeled "HTS".
- 2. A 3D model of a mechanical component, possibly a turbine or engine part.
- 3. A photograph of several tall, vertical industrial chimneys or towers.
- 4. A 3D visualization of a human torso showing internal structures like the ribcage and spine.
- 5. A photograph of an industrial facility at night with many lights.
- 6. A photograph of a person working at a computer workstation.
- 7. A photograph of a person operating a large piece of scientific equipment, possibly a particle detector.
- 8. A 3D model of a complex mechanical assembly.
- 9. A photograph of a red boat on water.
- 10. A heatmap visualization with the text "16 days 22 hours" and "Deltares".
- 11. A 3D visualization of a curved surface with a color gradient.
- 12. A photograph of a small electronic device or sensor on a white surface.

Regional Analysis

- Which technology to push: HPC, Big Data, AI, etc.?
- Where to leverage it? Manufacturing, Agriculture, etc.?
- Do I have regional capabilities and capacities?
- Where is my region? (Technology readiness)
- Incremental or disruptive?
- How can I detect a valid experiment?
- Etc.

Thanks!

