# SixSq and H2020

**SixSq experience, tools, and possible topics**

# SixSq Sàrl

- Founded in 2007 by three partners

- Based in Geneva, Switzerland

- Privately held, limited liability company

- Categorized as SME by European Commission

sixsq.

# Expectation

- Participation centered on software development experience and development roadmaps for SixSq tools.

  - Extensive experience in managing software development processes via agile methodologies

  - SlipStream: multi-cloud coordinated provisioning engine and appliance factory

  - StratusLab: IaaS cloud platform

# Experience

- European Projects
  - CELAR, EGI-InSPIRE, StratusLab
- Collaboration
  - Helix Nebula

sixsq

# H2020 Topics

- Cloud Federation

  - Brokering: matching resource and data requirements

  - Multi-cloud: distributed deployments for redundancy, optimized access for users, etc.

- Scientific PaaS Solutions

  - Appliance mgt.: reliable and documented generation of appliances

  - Service Catalog: providing diverse set of high-level services for on-demand deployment

sixsq.

# H2020 Topics

- **Intelligent Autoscaling**

  - Scaling: modifying service deployments in response to changing load

  - Elasticity: providing means for applications to do fine-grained adjustments of allocated resources

- **Software Development Processes**

  - Testing: provide framework for full service validation

  - DevOps: continuous delivery of services

# Conclusion

- Extensive experience in cloud technologies

- Excellent track record in a number of projects

- Excited by a potential collaboration in H2020

sixsq.

Thanks :-)
sixsq.com
support@sixsq.com