Cross-Fertilization of HPC and Big Data

Jean-Thomas Acquaviva, jtacquaviva@ddn.com
Angelos Bilas, bilas@ics.forth.gr
ICT11 €14M – 19 Partners
User Centric Value Proposition

hpc

An advanced computing platform with HPC features and systems software.

big data

cloud
User Centric Value Proposition

- hpc
- big data
- cloud

A versatile big-data processing stack for end-to-end workflows.
User Centric Value Proposition

Ease of deployment, access, and use in a shared manner, while addressing data protection.
Pilot Applications
Agriculture optimization

Change Detection at the European Scale

Maritime Surveillance
Vehicle Predictive Maintenance

Automotive Service

Mobility Service
Monitored and Improved Service Planning
Heterogeneous HW Platform
Heterogeneous SW Platform