

E-CAM

European HPC Centre of Excellence



Codesign



Adoption



Funded by the EU (Project n°676531)



www.e-cam2020.eu



E-CAM addresses the bottleneck by:

- Leveraging the existing distributed science networks of CECAM and PRACE and building a complementary network of industrial partners (user community)
- Addressing the human capacity deficit of our users through training and industrial placements (and by confronting issues of gender and status)
- Developing an open repository of useful future-proofed software modules targeting the needs of our users (contributing to the codesign of future HPC systems)





Event structure

- Scoping workshop (with industry)
- State of the Art Workshop
- Extended Software Development Workshops





Event structure

- Scoping workshop (with industry)
 - *Can expose PoP services to industry partners*
- State of the Art Workshop
- Extended Software Development Workshops
 - *Potential for EoCoE type collaboration*





E-CAM Software Delivery

• EasyBuild

- *Interested in direct integration of Score-P instrumentation*

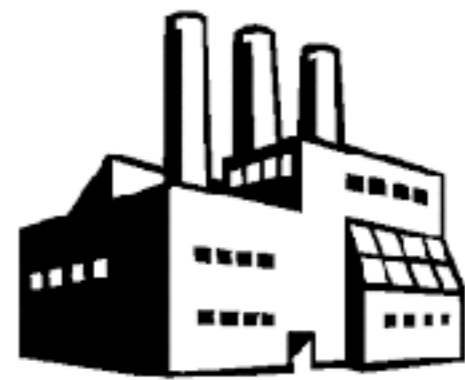
• Singularity containers

- *Would need to package performance tools with container*



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Vision remains the same:

A “Brainware” e-Infrastructure addressing the bottleneck in human capacity and software modules impeding widespread adoption of current and future HPC simulations by industry and academia.

Rooted in the traditions and expertise of the extended CECAM family.

User community from Academia and Industry.

