HIOS: Heterogeneous I/O for Scale

Provide a scalable and efficient solution to the problem of streaming large quantities of data for the Exascale Analytics and Artificial Intelligence.

Current status of progress:

% of deliverables completed so far: ~30-40%

% of budget (100 kEUR) spent so far: 53%

Any remaining uncertainties w.r.t planned deliverables

X	No
	Yes

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Using students (PhD/MSc/BSc) in the project?

	No
X	Yes

Any interactions with other funded ATTRACT projects so far?

X	No
	Yes; (project names…)
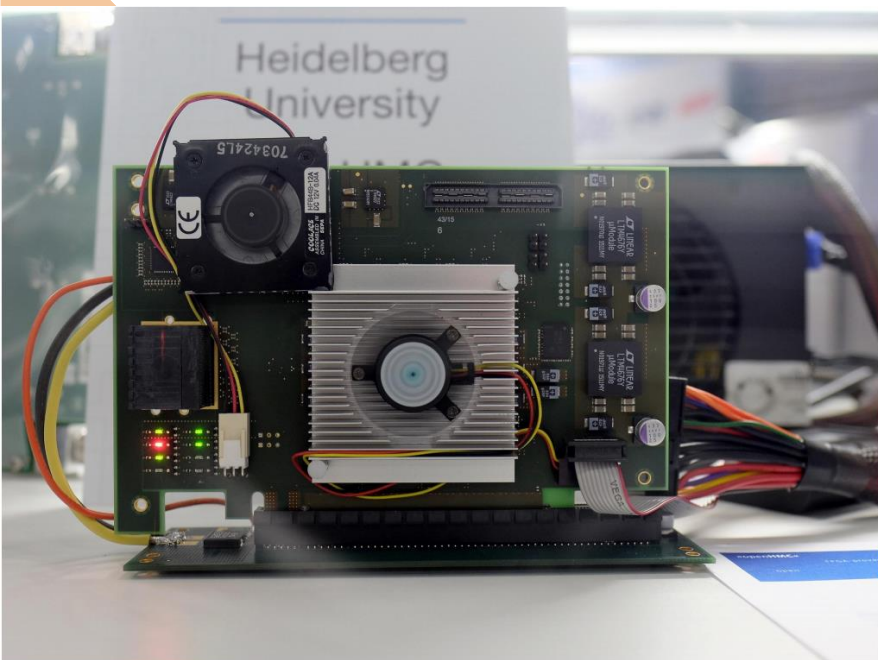
If your project were to be selected for ATTRACT Phase 2:

How would your technology scale up to become an industrial product/system?
Integrability into existing HPC and Datacenter facilities is the key to scale up from the Proof of Concept!

With who you would need to partner for this to happen? (No names, just profiles of type of organizations)
Organizations delivering products in the same field…

Have you already discussed this with KT Group?
No

What applications will you demonstrate with value for science, industry and society? (Examples)
Any Data Science/Data Analytics application requiring ingesting a lot of data (100TBs+)

Any comments, remarks or observations you would like to make to CERN?