

Q1 What is your organisation's/project's name?

Iceotope (EuroExa, ExaNeSt)

Q2 Your organisation's/project's website

www.iceotope.com

Q3 Are you?

A company

Q4 Your name

Q5 Your email address

Q6 Your contact phone number

Q7 Please summarise who you are and what you do

Iceotope is an SME backed by Schneider Electric and Solvay with unique and world leading liquid cooling technology. Iceotope have both EU and UK presence.

Iceotope acts as the system/data centre integrator and provides the technology for total liquid cooling, green power distribution and data centre optimisations for ExaNeSt and EuroExa.

The technology has enabled deployments of compute systems at up to 200kW within the footprint of a conventional cabinet.

Within the projects, we have been enabling scaling up of technological capability towards ExaScale:

(within 1 cabinet)

ExaNeSt - >100 TF

EuroExa - >1 PF

These platforms have been targeted for a rich mix of key HPC applications from across climate/weather, physics/energy and life-science/bioinformatics domains

Q8 In what way would like to contribute to an EsD project? **As a technology provider,**

**As a system
integrator**

Q9 What would be your contribution to an EsD project?

Iceotope would be able to contribute as an integrator of the ExaNeSt/EuroExa platform architecture (with our sponsors enabling scale deployments), or alongside an integrator as a data centre technology provider enabling access to ExaNeSt/EuroExa innovations.

Iceotope's own technologies can enable high density liquid cooling, with efficient and effective modular data centre deployments for HPC and Exa-Scale

Q10 What partners are you looking for?

EU based HPC Centre to host the system. We are currently supported by partners from the EuroExa group of projects. We are also open to other partners who wish to use portions of the technology in their EsD project.

Q11 Please include links to any additional material.

www.exanest.eu

www.iceotope.com

Q12 Other comments/ideas

Many thanks for this initiative! :-)