pursuing a common objective with the Heterogeneity Alliance: influence and develop the heterogeneous market
Today’s workshop

• Keynote: The heterogeneity challenge, Antonio Peña (BSC)
• The heterogeneity Alliance, Clara Pezuela (ATOS)
• The Alliance approach, Karim Djemame (University of Leeds)
• Contributions from EU projects involved
we live in an 

heterogeneous world

Heterogeneity

challenging but... also hard!

it provides lots of specific benefits
it’s growing due to a number of devices
it’s expected to explode even more
heterogeneous hardware ecosystem

highly heterogeneous

Heterogeneity

better together
there is an opportunity
let's do something

Heterogeneity

better together

influence the market & close the gap
TANGO pursues creating an Alliance

we are creating an alliance of organizations interested in technologies & tools related to heterogeneous hardware:

development, deployment, operations, and optimization of energy & performance & more

Academia, Research Projects, Open Source Initiatives, Interested Parties, Standardization Bodies
influence & develop the market

Alliance main goal?

we want to... influence & develop

found an association with a common purpose of interaction and collaboration with other interested entities involved in any technological field related with the full life-cycle of heterogeneity.

support the creation of a common and extendable set of technologies & tools around development for heterogeneous hardware, shared as open-source, which can be improved for mass adoption utilizing technologies in which all members collaborate taking charge of promoting, supporting, and enhancing the assets shared by the Alliance.

and benefit from the synergies, opportunities, visibility and relevance that the community around can generate for their own objectives and closing the gap between research and industry
collaborate to
improve HHW

H-HW&SW
Heterogeneous Hardware & Software Alliance

reference architecture
catalogue of tools & technologies
collaborate to improve HHW

abstract & control
Simplify & Optimize Heterogeneity

Current Activities

Defining the Common Architecture & Catalogue of Tools
Establishing Working Groups (periodic meetings & sessions)
Governance Structure & Membership Agreement
Leverage Visibility at HiPEAC, Launch Events, Website
participate to benefit and help
improve HHW

Current members

9 research projects
5 organizations
participate to benefit and help improve HHW

abstract & control
Simplify & Optimize
Heterogeneity

better together

we want to grow and become even more relevant

contact us
For more information about the alliance contact us:

- [http://heterogeneityalliance.eu/](http://heterogeneityalliance.eu/)
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