

06 April 2026



CHERI Adoption Programme

CHERI Blossoms Interim

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CHERI Adoption Programme – CHERI Alliance

○ **CHERI Adoption Programme**

Funded by DSIT:

- To build a clear, credible, and independent view of global CHERI adoption
- Part of the UK's broader ambition to support real world deployment of memory safe technologies



Department for
Science, Innovation
& Technology



○ Who am I?

- ◆ Linux Kernel on Morello
- ◆ Developer Experience Collaborator
- ◆ Business Collaboration on Next Generation of CHERI FPGAs and Boards
- ◆ codebar.io, warks.dev and techmids.io

Please get in touch about Developer Experience or Hardware Collaboration, particularly where CHERI can deliver practical impact regardless of operating system or platform.

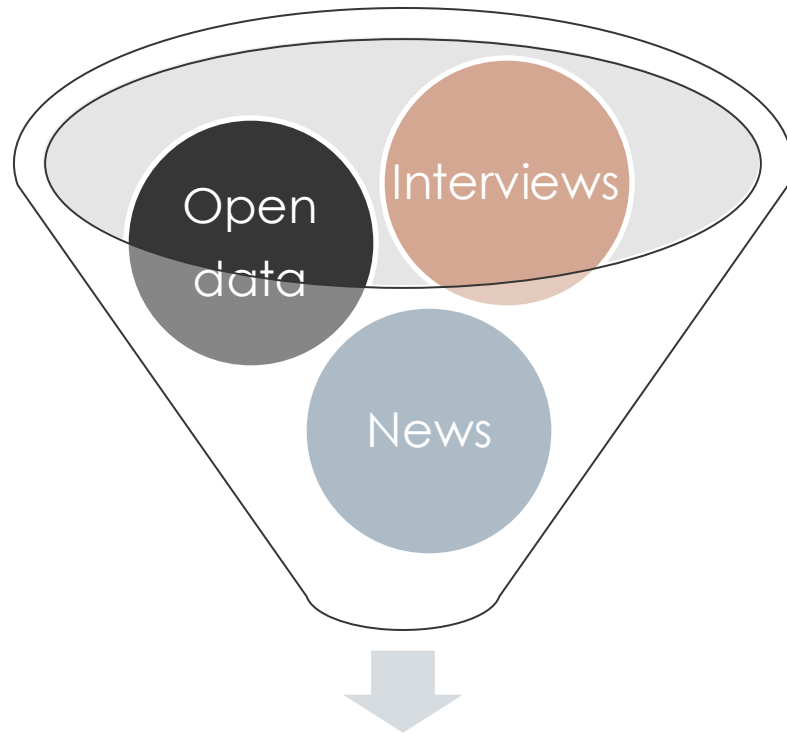
○ What we are producing

- ◆ Public Report
- ◆ Government Internal Report
- ◆ Summary Slide Deck
- ◆ Launch Campaign

○ Why you should care

- Documenting evidence-based outcomes to provide a **timeline of progress**
- Inform policy and funding decisions
- Increase visibility and influence of CHERI adoption
- Strengthen community leadership and coordination

○ Methodology



Analysis, filtering, assessment

- ◆ Maturity classification and timelines
- ◆ Repeatable annual benchmark
- ◆ Independent validation

○ How you can get involved

- Participate in interviews/surveys
- Help recruit respondents
- Contribute to workshops
- Review and endorse outputs
- Many organisation already are involved

○ Give us your feedback



- ◆ See posters
- ◆ Submissions close at 23:59 on the 27th March 2026

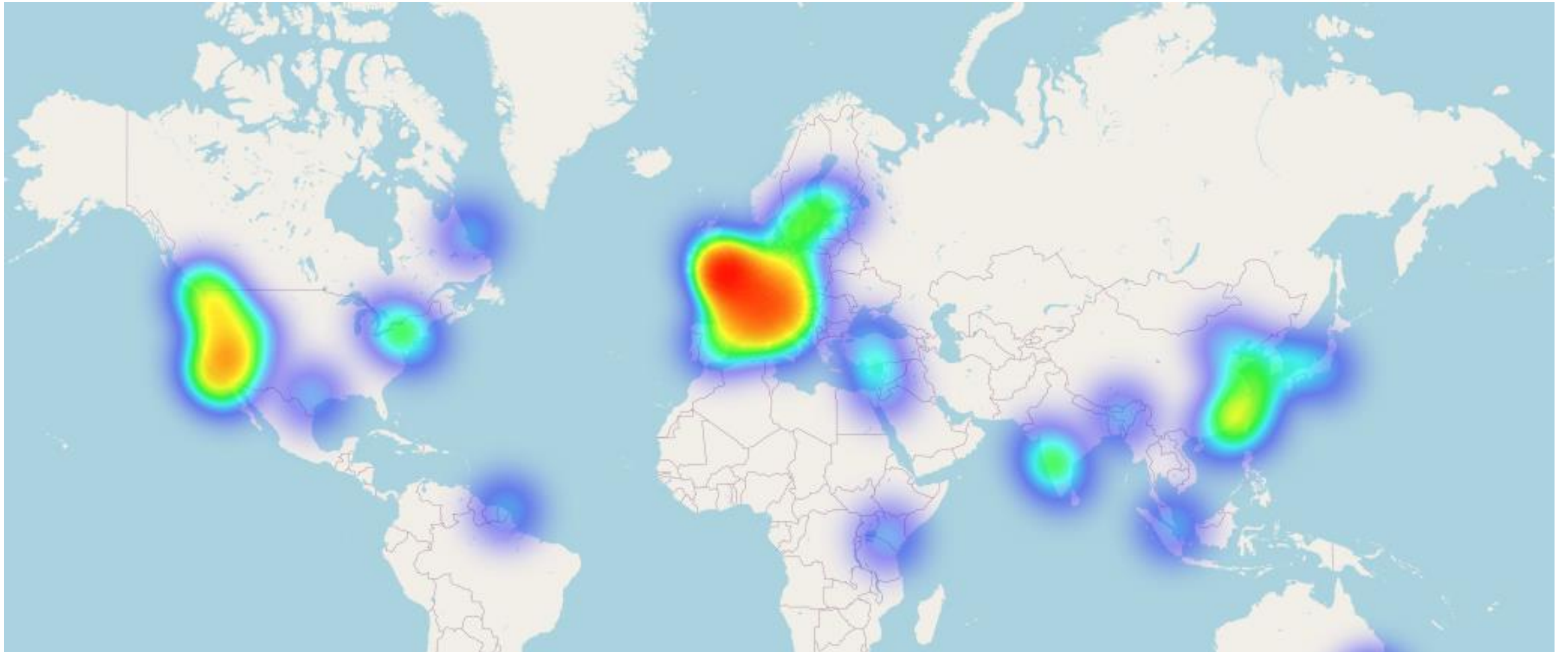
○ Interim top 5 blockers

- ◆ Silicon and primary support (inc. Linux capable silicon)
- ◆ Standardisation and supply chain
- ◆ Linux ecosystem
- ◆ Use-case examples
- ◆ Developer experience and tooling fragmentation

○ Interim top 5 advancements

- CHERI chips
 - ICENI prototype
 - Silicon in design from other vendors
- RISC-V standardisation addressing ecosystem fragmentation
- Linux ecosystem (The Capable Hub and collaborators)
- Developer tooling advancing towards parity
- FPGA variants and silicon (Sonata's Legacy)

○ Global reach



**“AI spending will total
\$1.5 Trillion in 2025”**

Gartner Group

**Cybersecurity should
not be a cat and
mouse game**



CHERI

THANK YOU

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