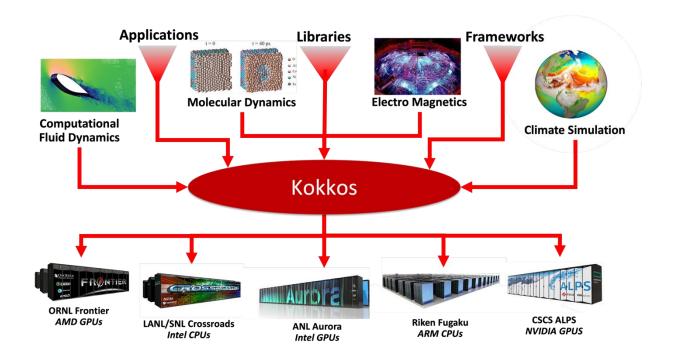
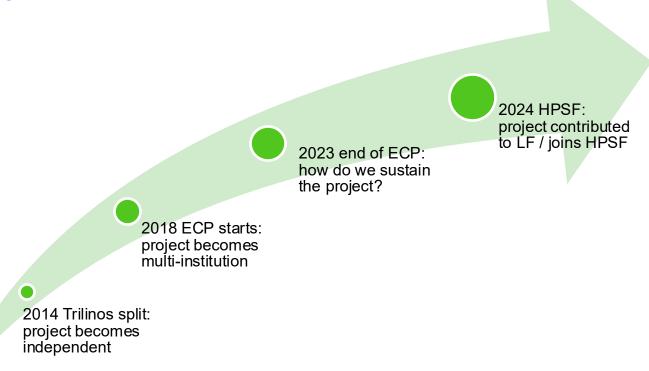


What is Kokkos?





Kokkos Project Timeline

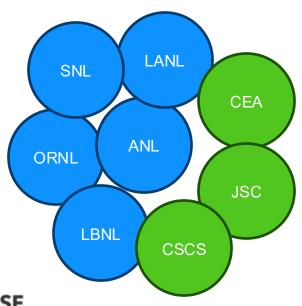


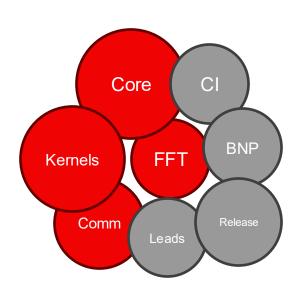


Kokkos Project Structure

Multiple institutions in U.S. and Europe

Multiple teams and working groups







Kokkos Needed a New (Neutral) Home



The Challenge: Success Outgrows the Structure

- Grew from a single lab (SNL) to 5 US DOE Labs and international partners (CEA, CSCS).
- The vital **ECP umbrella** (funding, common goals) ended in 2023.

Seeking Sustainability

- Required a permanent, vendor-neutral home for long-term governance and stability.
- Needed a simpler way to organize user meetings and receive vendor support (donations, hardware).

Strategic Alliance

- Joined forces with the **Spack** project, which faced the same challenges, instead of creating a standalone consortium.
- Gained encouragement from DOE HQ for a consolidated effort.

Solution: The HPSF

Together, we successfully launched the High Performance Software Foundation in Spring 2024 to secure the future of projects like Kokkos.



The High Performance Software Foundation

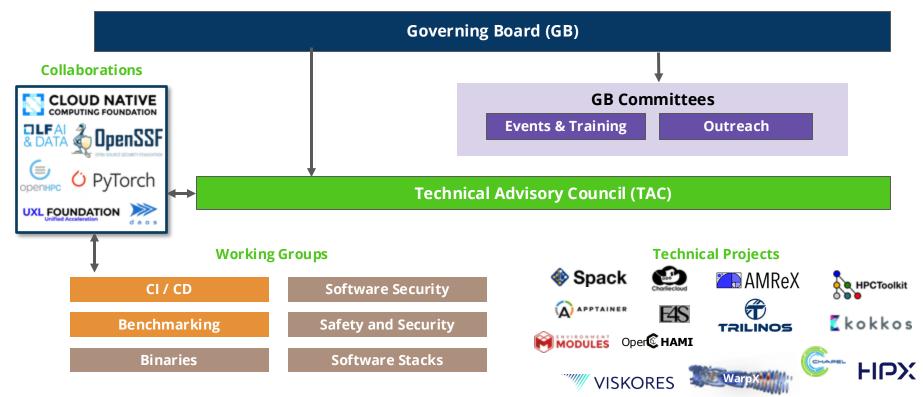


- 1. A **neutral** hub for **open source**, **high performance** software
- 2. **Supports** projects that advance portable software for diverse hardware by:
 - a. Increasing adoption
 - b. Aiding community growth
 - c. Enabling development efforts
- **3. Lower barriers** to productive use of today's and future high performance computing systems





HPSF Charter





HPSF Members

Premier









General













































What's in it for Projects?

Vendor-Neutral Home & Stability

Ensures project independence and long-term sustainability under the Linux Foundation.

Infrastructure & Automated Testing

Access dedicated hardware and CI/CD Working Group support for robust automated testing and benchmarking.

Growth, Branding & Focus

HPSF handles legal, marketing (websites, new logos), and community growth, letting your team focus on the code.

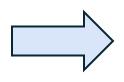
Collaboration & Events

Host user groups at the annual HPSF Conference and facilitate multi-institutional collaboration and workforce development.

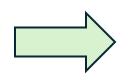


HPSF project lifecycle as a path to sustainability











Emerging

- Libre, open source, vendorneutral HPC project
- Committed to open governance
- Working towards best practices

Established

- Wide usage by at least 3 organizations
- Steady development
- Robust development practices & processes, open to new developers

Core

- Steady development from multiple organizations
- No single organization has a majority in governance
- Sustainable cycle of development and maintenance





hpsf.io