Project: 1472
Project title: HANAMI Hpc AlliaNce for Applications and supercoMputing Innovation
Principal investigator: Ralf Mueller
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Report

The intention of the project was to gather all of the development on HPCW in one place, which previously included both the members from HANAMI and ESiWACE3[1]. Alongside this, we also needed resources for the Continuous Integration (CI) strategy. The resources from the previous allocation period have been successfully used for this purpose. As a result, we were able to confidently publish the first open-source release of HPCW[2] for use in the wider community.

Another direct result of our recent efforts is the adoption of HPCW in other projects. The recently-established GANANA project[3] intends to expand HPCW in certain aspects, which also means that we expect new developers to join our efforts. HPCW is also used in the context of EUPEX[4], where it serves as one of the test cases for the ongoing compiler development.

Given that HPCW is still quite young, we see these initial successes as a great sign for the future of the project. We intend to further develop and support HPCW, while also promoting it to more researchers from our domain.

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[1] https://www.esiwace.eu/
[2] https://gitlab.dkrz.de/hpcw/hpcw
[3] https://www.eurohpc-ju.europa.eu/research-innovation/our-projects/ganana_en
[4] https://www.eurohpc-ju.europa.eu/research-innovation/our-projects/eupex_en