



**HPC ALLIANCE FOR APPLICATIONS AND SUPERCOMPUTING
INNOVATION: THE EUROPE - JAPAN COLLABORATION**

DELIVERABLE 1.4

Mid-Term report on the HANAMI management



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Lead Authors	France Boillod-Cerneux (CEA)
Contributors	France Boillod-Cerneux (CEA), Christophe Calvin (CEA)
Peer Reviewers	Luigi Genovese (CEA), Edouard Audit (CEA)
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Glossary of Terms

Item	Description
CoEs	European Centers of Excellence
DMP	Data Management Plan
EU	Europe
EuroHPC JU	European High Performance Computing Joint Undertaking
HPC	High Performance Computing
KPIs	Key Performance Indicator
PI	Principal Investigator
R&I	Research and Innovation
SRG	Supercomputing Resource Group
WP	Work package
SB	The Steering Board
EC	The Executive Committee
PCO	The Project Coordinator
PM	The Technical Project Manager
WPC	The Work Package Committee
AC	The Advisory Committee
STEM	Science, Technology, Engineering and Mathematics



Executive Summary

Europe and Japan have signed a Digital Partnership in 2022, covering a wide range of areas including High Performance Computing. EuroHPC JU implements this Digital Partnership through the HANAMI project, focusing on international collaboration between Europe and Japan around High Performance Computing (HPC).

HANAMI fosters co-development of scientific applications around material science, biomedical and climate modelling. HANAMI is a research and innovation project, with a focus on international collaboration between Europe and Japan.

This deliverable presents HANAMI actions and progress at mid-term period of the project (which is august 2025). This deliverable is completed by future (at the time of writing this document) documents to be presented by the mid-term review, on the 14th October 2025.





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1. Introduction

This deliverable describes the HANAMI actions and progress during the first period of the project (18 months). This step falls under the Task 1.1 and 1.3 of the Work Package 1, which is dedicated to establish and maintain the HANAMI governance.

The first chapter recalls the HANAMI governance structure, and then focus on Key Performance Indicators (KPIs) related to the meetings and events of these governing structures.

In the second chapter, we focus on KPIs related to work package 3, that aims to strengthen and extend the HANAMI community. In the last chapter, we present the KPIs related to the work package 7, which is taking care of HANAMI sustainability (beyond the end of the project which is February 2027).





2. HANAMI governance

This section reminds the different HANAMI structures and the general governance of HANAMI. This work falls under Task 1.1, in charge of establishing and supporting HANAMI governance for the 3 years. In this section, we detail the different actions and events that took place during the first period of HANAMI (from M1-march 2024 to M18-august 2025).

2.1 Organizational structure

The Deliverable D1.3 details the HANAMI governing structure. The figure below summarizes the different decision bodies, and their interaction. More details about each decision body are available within D1.3.

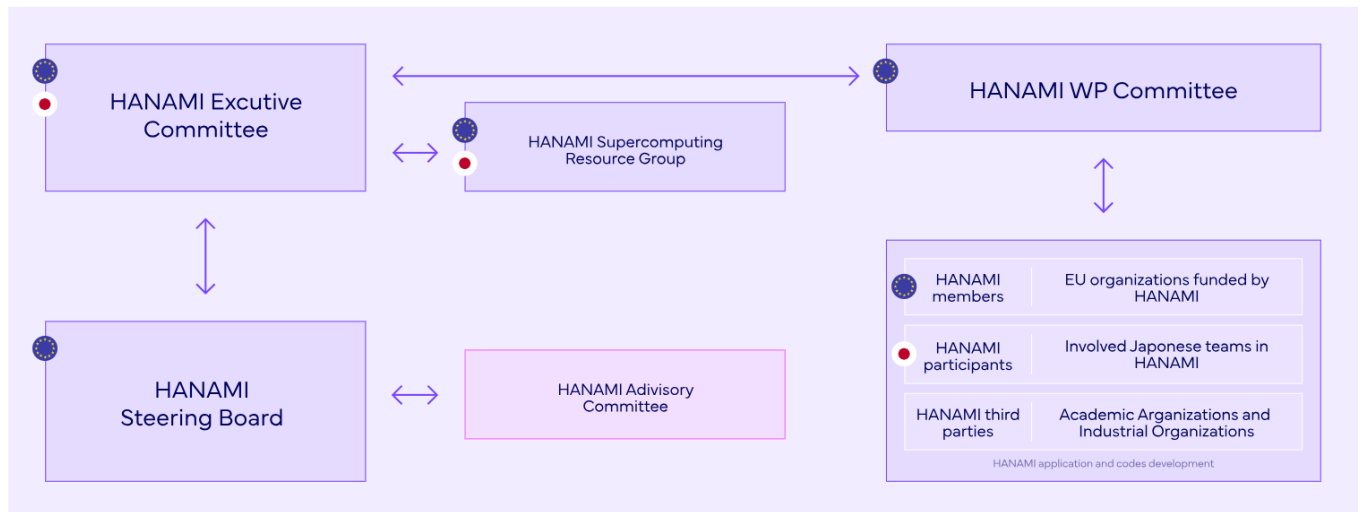


Figure 1: Governing structure

2.2 Organizational structure - KPIs

2.2.1 KPIs related to the Advisory committee meetings

HANAMI has engaged to organize, at the maximum, 2 Advisory board meetings, and at the minimum, 1 advisory board meeting.

HANAMI advisory board reviews the scientific strategy, the policy strategy as well as the general structure and actions of the project, such as HANAMI's actions related to gender and diversity. This point is important for HANAMI since promoting (and ensuring) diversity within a project is a difficult task, especially in High Performance Computing. HANAMI is relying on the Advisory Committee to help the management in improving our actions and their effects.

Our advisory board is composed of the following experts:

- **Taisuke Boku from the University of Tsukuba.**



M. Boku has been researching HPC system architecture, system software, and performance evaluation on various scientific applications. He is currently the Director for Center for Computational Sciences, University of Tsukuba, a co-designing center with both application researchers and HPC system researchers. He has been playing a central role for development of original supercomputers in the center including CP-PACS (ranked as number one in TOP500 in 1996), FIRST, PACS-CS, HA-PACS, Cygnus and Pegasus systems, the representative supercomputers in Japan. He was the President of HPCI (High Performance Computing Infrastructure) Consortium in Japan in 2020-2022 and also the Vice President in 2024-2026. M. Boku was a member of system architecture working group of Fugaku supercomputer development. He received ACM Gordon Bell Prize in 2011. He is currently one of the Program Directors of the Feasibility Study of the next generation supercomputer in Japan under MEXT.

- **Valeria Losasso from STFC.**

Mrs. Losasso obtained in 2011 a PhD in Structural and Functional Genomics at the International School for Advanced Studies as well as a second PhD in Computational Biophysics at the University of Aachen, completed in 2012. Mrs. Losasso is working in the Computational Biology group at Science and Technology Facilities Council (STFC) for the last 11 years, becoming a Senior Scientist in 2016.

- **Cristin Merritt from Alces Flight Ltd**

Mrs. Merritt is Chief Marketing Officer (CMO) at Alces Flight, boasts over 20 years of enterprise technology experience, with 7+ years dedicated to High Performance Computing (HPC). Specializing in navigating technology market trends, Mrs. Merritt's work explores the convergence of technical and social sustainability in the drive towards successful supercomputing solutions. Her tenure at Alces Flight has seen her spearhead intricate integration projects, three of which garnered global acclaim for their achievements in multi-platform (hybrid) HPC. Mrs. Merritt's leadership has cemented Alces Flight as a trailblazer in HPC integration and managed services, delivering solutions tailored to current and future workload demands. An active contributor to the HPC community, Mrs. Merritt serves on the Women in HPC (WHPC) Executive Committee and as an editor for the Supercomputing Conference (SC) social media channels. She also runs the annual Women's History Month profile project for SC.

- **Michele Parrinello, from the Italian Institute of Technology.**

M. Parrinello is an Italian physicist, specialized in molecular dynamics simulation (the computer simulation of physical movements of atoms and molecules). M. Parrinello and Roberto Car were awarded the Dirac Medal of the International Centre for Theoretical Physics (ICTP) and the Sidney Fernbach Award in 2009 for their continuing development of the Car-Parrinello method. They have continued to receive awards for this breakthrough, most recently the Dreyfus Prize in the Chemical Sciences and the 2021 Benjamin Franklin Medal in Chemistry.

- **Pier Luigi Vidale, from the University of Reading.**

M. Vidale is Professor of Climate System Science and co-leads the joint NCAS-Met Office global High Resolution Climate Modelling program. Since a major UK-Japan collaboration in 2004-2007, Pier Luigi has played a world-leading role in high resolution climate modelling and understanding the role of meso-scale processes in the global climate system. He was the Scientific Coordinator of the EU's H2020 PRIMAVERA (defining HighResMIP for CMIP6), currently co-leads the EU's Horizon Europe EERIE (defining HighResMIP2 for CMIP7). Pier Luigi





is actively involved in the development of km-scale global models, as investigator in the EU's H2020 NextGEMS project, and in collaborations with the Met Office. Pier-Luigi is co-Chair of the World Climate Research Program's Digital Earths Lighthouse Activity, aiming to define the nature and purpose of Digital Twins for climate, and is the Director of Science Collaboration in the University of Reading's £30M AFESP program.

The HANAMI consortium chooses to host its first Scientific Advisory board during the second HANAMI High Level Symposium, that will take place at Chamonix from the 9 until the 11 December 2025. The event is promoted on the HANAMI website¹.

The second Advisory board meeting will take place during the third HANAMI High Level Symposium, that will take place in Finland, in December 2026. At the time of writing this document, dates are not yet finalized for the third HANAMI High Level Symposium.

The first Advisory Board meeting will take place during our second High Level Symposium event in Chamonix, in December 2025.

The second Advisory Board meeting shall take place during the third High Level Symposium event in Finland, in December 2026.

2.2.2 KPIs related to the Steering board meetings

HANAMI has engaged to organize, at the maximum, 3 Steering board meetings, and at the minimum, 2 steering board meetings. It is originally plan to have a yearly steering board meeting.

The steering board represents the partners: It includes one representative from each beneficiary and linked third parties, plus the Technical Project Manager. The Project Steering Board is chaired by the project coordinator. Each member of the Steering Board is empowered to collectively and equally make strategic decisions during the Project Steering Board meetings.

We summarize below the steering board meetings that took place during the first period of the HANAMI project:

#	Date	Participants	Major decisions - events
1	10.10.24	10 HANAMI organizations on 14 attended at the meeting. Excused: BSC, CSC, INESC TEC and UW.	Organization of HANAMI events (high level symposiums, scientific workshop)
2	13.01.25	13 HANAMI organizations on 14 attended at the meeting. Excused: UW.	Signature process between EuroHPC and R-CCS
3	12.06.25	This meeting has been canceled, however, HANAMI members gathered during ISC 2025 event.	Signature between EuroHPC and R-CSS – letter of intent to access to Fugaku supercomputer
4	09.12.25	Planned.	
5	03.06.26	Planned.	

¹ <https://hanami-project.com/2025/03/13/hanami-high-level-symposium-2nd-edition/>



6	xx.12.26	To be scheduled (pending from the third HANAMI high level symposium final dates).	
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2.2.3 KPIs related to the Executive board meetings

HANAMI has engaged to organize, at the maximum, 12 executive committee² meetings, and at the minimum, 6 executive committee meetings.

For the well-being of the project, HANAMI is organizing monthly executive board meetings. We summarize below the executive board meeting that took place during the first period of the project (from month 1 until month 18 included – august 2025).

#	Date	Format	Major decisions/actions/discussions
1	06.03.24	Online	Startup of the project and preparation of the kickoff meeting
2	03.04.24	Online	finalization of the kickoff meeting
3	23.04.24	Onsite	Kickoff meeting in Paris – travelling grant process definition
4	29.05.24	Online	Travelling grants applications and design of the first high level symposium (HLS1) event
5	26.06.24	Online	Travelling grants decided
6	28.08.24	Online	Preparation of the sustainability event and the HLS1
7	25.09.24	Online	Preparation of M12 informal review
8	30.10.24	Online	Feedback regarding the M6 informal review
9	27.11.24	Online	Discussions on supercomputers cross access
10	29.01.25	Online	Return of experience regarding the HLS1 Feedback from WP7 travel in Japan
11	26.02.25	Online	Preparation of the EuroHPC/R-CCS Letter of Intent (LoI)
12	26.03.25	Online	Preparation of the EuroHPC/R-CCS LoI
13	30.04.25	Online	Preparation of the EuroHPC/R-CCS LoI
14	28.05.25	Online	Finalization of the signature event between EuroHPC and R-CCS
15	25.06.25	Online	Feedback from meetings in ISC2025 and future perspective (among which HLS2 and sustainability 2 event)

2.2.4 KPIs related to the Supercomputing resource group meetings

HANAMI has engaged to organize, at the maximum, 3 Supercomputing resource group (SRG) meetings, and at the minimum, 2 SRG meetings.

² The executive committee is formed by the leaders of each WP and chaired by the project coordinator.



HANAMI project coordinator has reconsidered this format, since implementing supercomputers cross-access as described in the EuroHPC call for project is beyond HANAMI scope. The two deliverables, D1.1 and D1.2 provide a survey of supercomputers facilities and access tracks in Europe and in Japan.

The SRG managed to promote a Letter of Intent between EuroHPC and R-CCS, in order to provide access to the Fugaku supercomputer to the HANAMI European members (only the members integrated in the grant agreement, not the third parties). This is a first milestone towards a cross access as described in the original call for project.

The SRG will be able to re-discuss such topics if Japan becomes officially an eligible country through the Horizon Europe umbrella. As long as it is not the case, regulation prevents to make any progress on a formal agreement between Europe and Japan to set up a cross-access between supercomputers (again, as described in the original call for project).

2.3 Gender and diversity actions

HANAMI has engaged several actions regarding gender and diversity. HANAMI is willing to promote a safe and well-being environment. The HANAMI consortium is aware that several limits exist, among which (as an example) the presence of women within the Science, Technology, Engineering and Mathematics (STEM) which is about 10% (figure given in literature about this topic). Despite this strong limitation, HANAMI has set up ambitious standards to promote gender equality, and several actions to promote the diversity within HANAMI.

2.3.1 KPIs related to the moral & ethical charter

HANAMI engaged to write a moral charter. The original idea was to send the moral charter and have it signed by each representant of the HANAMI consortium.

In this context, the associated KPI was 14 at the maximum (the 14 organizations sign the moral charter) and the baseline was 10.

However, it was decided by the steering board that the moral charter does not have to be signed. The best option, decided by the HANAMI consortium was to review altogether the moral charter, conclude on a common text and publish it on the HANAMI website.

The HANAMI moral charter is available on the HANAMI project platform, which is accessible to all HANAMI member (including short term contracts).

The HANAMI consortium believes that such moral charter, giving the basis of ethics and well-being is necessary. This gathers the member of HANAMI around a common understanding of ethic and respect. The HANAMI moral charter is given in annex.

2.3.2 KPIs related to the gender and diversity actions – gender balance

The gender balance of HANAMI is given in the table below, for each governing structure of HANAMI. HANAMI can make progress on its gender balance: for some governing structures, such as the scientific work package (WP4, 5 and 6), the gender balance is far from our initial target.



HANAMI was aware of this difficulty, especially in the HPC field where the sector of Sciences, Technology, Engineering and Mathematics (STEM).

HANAMI governing structure	Total number of person (Lead)	Total number of women	Total number of men	Gender balance (% of women)
WP1	2	2	0	100
WP2	2	2	0	100
WP3	2	1	1	50
WP4	2	0	2	0
WP5	2	0	2	0
WP6	2	0	2	0
WP7	2	2	0	100
Steering Board	15	6	9	40
Scientific Advisory Board	5	2	3	40
SRG	7	2	5	28

We provide below our gender balance for the HANAMI events (organized by HANAMI). HANAMI has a process in place in order to improve its gender balance. For each HANAMI event, we make our best to propose, for each Keynote speaker position, a woman and a man. When the list is completed, we invite, step by step, each keynote speaker. With this process, we have a higher chance to manage a gender balance close to the 50% target. This process is inspired from international firms' recruitment process, which is to always (at least, as much as possible) propose a man and a woman for each position.

Despite HANAMI efforts, there are difficulties in having a 50% gender balance. Nevertheless, HANAMI still maintains efforts to increase its gender balance within its events.

HANAMI event	Total number of person (Keynote speakers)	Total number of women	Total number of men	Gender balance (% of women)
High level symposium 1	10	1	9	11
Sustainability event 1	5	0	5	0
High level event 2	6	1	5	16
Sustainability event 2	6	2	4	33

2.3.3 KPIs related to the list of gender and diversity offices

Within its HANAMI gender and diversity actions, HANAMI has gathered the list of gender and diversity officers for each HANAMI institutions.





HANAMI is composed of 14 European organizations. We engaged, altogether, to lead the HANAMI project with a focus on well-being and respect. However, if an issue is raised, it is not easy to deal with the situation. This is why HANAMI has gathered the list of each institute referee for the gender and diversity, in case any issue would be raised within HANAMI. In such situation, HANAMI knows which office to contact and therefore be assisted in case of dealing with gender and diversity case.

HANAMI has engaged in gathering the contacts of the 14 HANAMI organizations. At the moment of writing this document, HANAMI managed to gather 13 contacts out of the 14 organizations. Due to the diversity of each European organization, the contacts differ deeply. Either a person is clearly identified, or we have an access to a generic email address to contact the service. The list can be sent to non-HANAMI members on request. The list is available on the HANAMI project platform, for all HANAMI member. Any HANAMI member can either ask for help to the HANAMI PI or go directly on the list of gender and diversity contacts.

2.3.4 KPIs related to the gender and diversity actions – G&D meetings

HANAMI is in the process to organize gender and diversity meetings. It is planned to have 3 different meetings, each of them addressing the gender and diversity topic with different point of views. The descriptive and tentative speakers are given below. Each event will be hold online, and is expected to last half a day.

First HANAMI gender and diversity seminar

Title: Gender and diversity bias in science

Inequity between men and women in research funding and researcher performance evaluation has been firmly established as a problem in science policy for many years. But an emerging body of research is documenting a new piece of the puzzle, which some think has been hiding in plain sight: that whole research fields might be prone to gender bias." - from "<https://www.nature.com/articles/d41586-024-02502-6>"

The idea of this seminar came from the HANAMI application itself. Within the reviews, the consortium was asked how it address the gender and diversity biases within its project. while for some areas, gender and diversity biases appears "obvious" or at least "easy to identify", in some others, it might be trickier to see them. The purpose of this seminar is to present several examples of gender and diversity biases in science, how do they affect the research and how to identify (eventually prevent) them.

In this seminar, we will discuss two aspects of G&D biases within science:

The first aspect is how our own biases and standards reflects in our way of doing science,

The second approach is how our own biases affects science, such as in peer review process for example.

The objective of the seminar is to help researchers to learn more about gender and diversity biases, and open new perspectives for their future research.

Second HANAMI gender and diversity seminar

Title: Make the difference

An opening showing the benefits from gender and diversity within the projects (studies and feedbacks on how gender and diversity improves the productivity for example)



A focus on how to identify a critical situation, and how to react in front of a critical situation (either the person is witnessing a critical situation or directly experiencing it). Then, the meeting will focus on providing keys and tools to improve the gender balance efficiently.

Third HANAMI gender and diversity seminar

Title: gender and diversity within international collaboration and in STEM/HPC

Gender and diversity all around the world is very different. Each country has a very different culture, and therefore addressing the gender and diversity within an international collaboration can be difficult. The meeting is dedicated to give example of strong differences we can observe on this topic within different regions of the world, and how to implement gender and diversity actions within international collaborations. HANAMI will also propose a focus of the gender and diversity in STEM, more specifically in HPC.

The first meeting is expected to take place during October or November 2025, depending on target speakers' availability.

2.4 HANAMI leverage actions

HANAMI has a strong focus on leverage actions. These leverage actions consist in looking for external calls for projects in order to fulfil one mission of HANAMI, which is to extend the Europe Japan collaboration on HPC. HANAMI believes that by proposing and applying to external calls for projects is an efficient way to include identified third parties within HANAMI and eventually, integrate new partners within HANAMI. HANAMI distinguishes two actions within the leverage program: the call for projects proposed by HANAMI within the consortium, and the projects tackled by the HANAMI consortium (projects at which HANAMI is submitting a proposal).

2.4.1 KPIs related to the external calls for project proposed by HANAMI

HANAMI is regularly proposing within its members and partners external calls for project in order to extend our influence and actions. To follow-up this action, HANAMI has designed the following KPIs: HANAMI must propose a minimum of 2 projects per year, leading to a total of 6 propositions for the duration of the project, and a minimum of 3 in total (1 per year).

During 2023 and 2024, HANAMI has proposed the following calls for projects:

Projects for European organizations	- Inno4scale calls - https://www.inno4scale.eu/calls/ - Travelling grants for German researchers to visit Japan - https://www.dwih-tokyo.org/en/2023/03/13/arop/
Projects for Japanese	Travelling grant visit for Japanese researchers in France, funded by the French Embassy



organizations	- JST Aspire call (https://www.jst.go.jp/inter/aspire/en/program_e/announce_e/announce_aspire2023_e.html) - JST Sakura call - https://ssp.jst.go.jp/en/outline/program/ - JSPS call for Japanese researchers to visit European organizations - https://www.jsps.go.jp/english/e-fellow/application.html
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During the first semester of 2025, HANAMI has proposed the following projects:

Projects for European organizations	JSPS call for project to send French researchers two months in Japan
Projects for Japanese organizations	JST ASPIRE call (regular call, yearly proposed by JST)
Projects for EU/Japan applications	EuroHPC Quantum Computing call - https://www.eurohpc-ju.europa.eu/new-call-strengthen-eu-japan-partnership-quantum-computing-2024-11-19_en

2.4.2 KPIs related to the external calls for project tackled by HANAMI

Following the KPI described above, HANAMI is checking the external called for projects tackled by HANAMI, meaning the one where HANAMI made a proposition (either a member or a Japanese partner of HANAMI). Projects tackled by HANAMI have a HANAMI letter of support within their proposal.

HANAMI regularly proposing within its members and partners external calls for project in order to extend our influence and actions. To follow-up this action, HANAMI has designed the following KPIs: HANAMI must apply to a minimum of 1 call for project per year, leading to a total of 3 propositions at maximum for the duration of the project, and a minimum of 2 propositions for the complete duration of HANAMI.

During 2023 and 2024, HANAMI has submitted the following projects (summarized in the table below). In total, in 2023, HANAMI has submitted 3 projects. In 2024, HANAMI has submitted 3 projects.

Projects for European organizations	- In 2023, Inno4scale - https://www.inno4scale.eu/calls/ Edoardo Di Napoli (FZJ, WP6) submitted a proposal to this call, and the proposal has been accepted. - In 2023, HANAMI members made a submission for the EU/indopacific area call (funded by Horizon Europe)? The submission was rejected.
Projects for Japanese organizations	- In 2023, one submission has been done (WP4) to JST ASPIRE call. The proposal has been rejected. - In 2024, 2 submissions have been done (WP6 and WP4) to JST ASPIRE call. The proposals have been rejected.



	• In 2024, a proposal has been submitted to the French embassy program. The proposal was accepted (travel has been done in November 2024).
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During the first semester of 2025, HANAMI has submitted proposals to the following calls (summarized in the table below). For the first semester of 2025, HANAMI has submitted 2 proposals.

Projects for European organizations	• In 2025, HANAMI members contributed to the EuroHPC call EU/Japan collaboration on Quantum Computing. The proposal has been accepted.
Projects for Japanese organizations	• In 2025, a proposal has been submitted to the French embassy program. The proposal was accepted (travel to be done in October 2025).



3. HANAMI – strengthening and extending the HPC community

3.1 HANAMI – high level symposium events

HANAMI is engaged to organize 3 high level symposiums (one per year). We provide below the KPIs engaged for each high-level symposium:

WP3 (Scientific and technology networking and community building) KPIs description	Yearly	Total	Baseline
Number of participants (persons) for each Symposium	60	180	120
Number of Keynote speakers for each Symposium	3	9	6
WP3 (Scientific and technology networking and community building) KPIs	From month 1 until month 17		
Number of participants (persons) for each Symposium – HLS1	68		
Number of Keynote speakers for each Symposium – HLS1	10		

Table 1: WP3 KPIs. NA for Not Applicable is mentioned in the KPIs table below when adequate.

We provide below the link for the first high level symposium organized by HANAMI.

<https://hanami-project.com/2024/09/30/high-level-symposium-event-on-eu-japan-collaboration-in-high-performance-computing/>

HANAMI is engaged to organize a minimum of 2 workshops on the use of CoEs codes and a maximum of 3. The first workshop will involve the material science codes (MaX CoE more specifically) and is expected to take place on the first week of November 2025.

WP3 (Scientific and technology networking and community building) KPIs description	Yearly	Total	Baseline
Number of workshops on the use of CoE codes and HPC resources organized by HANAMI per year	1	3	2
WP3 (Scientific and technology networking and community building) KPIs	From month 1 until month 17		
Number of workshops on the use of CoE codes and HPC resources organized by HANAMI per year	1 to be hosted in Paris in 11.2025 ³ A second to be hosted in Japan in 05.2026 on climate modelling		

³ <https://hanami-project.com/2025/06/26/materials-scientist-toolbox/>



Table 2: WP3 KPIs. NA for Not Applicable is mentioned in the KPIs table below when adequate.

3.2 HANAMI – Traveling grants

HANAMI has designed a program of traveling grants: it consists in distributing a common budget, dedicated to the HANAMI members, in order to organize their visits in Japan during all the project. The process to apply to the travelling grants has been designed during the HANAMI kickoff meeting in Paris. We summarize below the KPIs related to the travelling grants distribution from march 2024 until August 2025 (*Details about the travelling grants are given in deliverable D3.1*).

WP3 (Scientific and technology networking and community building) KPIs description	Yearly	Total	Baseline
Number of allocated grants per year - persons	6	18	10
Number of allocated grants per year - institutions	4	12	6
Number of allocated grants per year - visits	6	18	10
WP3 (Scientific and technology networking and community building) KPIs description	From month 1 until month 17 (July 2025)		
Number of allocated grants - persons	19		
Number of allocated grants - institutions	23		
Number of allocated grants - visits	11		

Table 3: WP3 KPIs. NA for Not Applicable is mentioned in the KPIs table below when adequate.

Travelling grants details:

We provide below, for information, the in-kind contribution for the travelling grants within HANAMI. Some travels could benefit from external money (either from the research institute themselves or from external projects to which HANAMI applied).

WP	% Funded in kind	Organizations	Visit	Date
7	0 %	CEA and CSC	Brussels	06.2024
7	33 %	CEA	Japan	12.2024
7	0 %	INESC TEC	Japan	04.2025
7	0 %	CSC	Japan	06.2025
6	100 %	CEA	Japan	04.2025
	0 %	CNRS	Japan	04.2025
5	100 %	FZJ	Japan	06.2025
4	0 %	BSC	Japan	12.2024
	0 %	BSC	Japan	05.2025
	0 %	BSC	Japan	05.2025
	0 %	BSC	Japan	05.2025



4. HANAMI Sustainability

HANAMI has design Key Performance Indicators (KPIs) to monitor the sustainability actions designed within the proposal.

4.1 KPIs related to the sustainability events organized by HANAMI

WP7 (The roadmap for sustainable Europe-Japan collaboration) KPIs description	Yearly	Total	Baseline
Number of participants (persons) in high-level sustainability events	20	60	30
Number of sustainability events (virtual or physical) to define the roadmap	1	3	2
WP7 KPIs – Achieved for the first period	From month 1 until month 17		
number of participants (persons) in high-level sustainability events	43		
number of sustainability events (virtual or physical) to define the roadmap	1 – done in 01.2025 2 – planned in 12.2025 3 – planned in 12.2026		

HANAMI sustainability workshop: Europe-Japan Strategic Dialogue on High-Performance Computing Collaboration

The first sustainability event took place in Barcelona, on the 16th January 2025⁴. This workshop was held virtually and physically. European and Japanese policy makers and stakeholders gathered to discuss about their expectations and synergies regarding the EU-Japan HPC Collaboration. 5 Keynote talks were given during event, and notably one from the MEXT (Japan). 43 participants joined the sustainability workshop, gathering major organization from both regions such as JST, MEXT, RIKEN, the European Commission representation at Tokyo, Fujitsu and DLR.

⁴ <https://hanami-project.com/2024/12/06/europe-japan-strategic-dialogue-on-high-performance-computing-collaboration/>



9:00 CET / 17:00 JST	Welcome & Opening France BOILLOD-CERNEUX <i>CEA, HANAMI Project Coordinator</i>
9:15 CET / 17:15 JST	Keynote talks: National and international initiatives supporting international HPC collaboration Jean-Baptiste BORDES <i>Attaché pour la science et la technologie, Embassy of France in Japan</i> KURIHARA Kiyoshi <i>Director, Office for the Promotion of Computing Science, Research Promotion Bureau, Ministry of Education, Culture, Sports, Science and Technology of Japan</i> Risto VILKKO <i>Senior Science Adviser, Research Council of Finland</i> Stephane REQUENA <i>Director of Innovation and Technology, GENCI</i> Fabrizio GAGLIARDI <i>Senior Strategy Advisor, Barcelona Supercomputing Centre</i>
10:30 CET / 18:30 JST	Moderated interactive discussion (all participants): Opportunities and synergies for EU-Japan HPC collaboration France Boillod-Cerneux
11:00 CET / 19:00 JST	Conclusion & closing France Boillod-Cerneux

HANAMI kept the list of participants in order to include them for the next events and involve them when designing the roadmap for the future of the collaboration.

The outcomes of this event largely helped to achieve the three following missions:

- The signature of a Letter of Intent to allow HANAMI European researchers (part of the grant agreement) to access to the Fugaku supercomputer – the agreement has been signed by EuroHPC JU and R-CCS;
- HANAMI roadshow in Japan – done in end of June 2025 by CSC (Finland) in Japan – visiting and creating awareness about HANAMI within key policy makers and stakeholders in Japan;
- HANAMI policy papers, giving the basis for the future roadmap aims, goals and perspectives – that can in the future be shared on HANAMI website as a position paper for the future of our EU/Japan collaboration.



The second sustainability event is planned on Thursday 11 December 2025 in Chamonix (jointly with the HANAMI high level symposium organized by the CEA). The event has been publicly shared within HANAMI website⁵, the invitation for Keynote speakers and on-site participants is upon invitation only.

HANAMI plans to organize the events in hybrid mode to make sure both European and Japanese partners can fully attend and contribute to the strategic dialogue. This second session is more oriented on science: HANAMI proposed an agenda with 2 Keynote speakers (one from Japan, one from Europe) presenting expectations from policy makers (MEXT for Japan, and EU Commission on EU side), and 3 keynote speakers giving an overview of the EU/Japan strategic collaboration (existing and to be developed) regarding the climate, biomedical and material science, that are the 3 strategic areas of HANAMI (and chosen by both Japanese and European governments when designing HANAMI). Thanks to this second strategic dialogue, HANAMI will identify key scientific areas to promote for the future roadmap. HANAMI targets a number of 20 participants on site, while the online number of participants has no specific limitations. HANAMI nevertheless hopes to have a minimum of 20 participants online.

The third event is planned in December 2026 (2 months before the end of the project), jointly with the last HANAMI high level symposium event (in Finland, hosted by CSC). The purpose of this final sustainability event is to promote the structures that HANAMI will design (during the second period of the project) regarding the future roadmap (therefore, the sustainability of the EU/Japan HPC collaboration).

4.2 KPIs related to the alternative models designed by HANAMI

Designing alternative models for a sustainable collaboration between Europe and Japan (around HPC) is HANAMI goal for its second period (from month 18 until month 36). We recall below the engaged KPIs within HANAMI proposal according to the cooperation and funding models.

WP7 (The roadmap for sustainable Europe-Japan collaboration) KPIs description	Yearly	Total	Baseline
number of alternative cooperation models analyzed	NA	5	3
number of alternative funding models analyzed	NA	5	3

Table 4: WP7 KPIs. NA for Not Applicable is mentioned in the KPIs table below when adequate.

⁵ <https://hanami-project.com/2025/04/09/hanami-europe-japan-strategic-dialogue-whats-next-for-strategic-scientific-areas/>



5. Conclusions

This document gathers HANAMI KPIs related to the governance structure and decision making.

HANAMI has progress to do on the gender and diversity balance, despite all actions HANAMI has in place, the balance is not yet at the level HANAMI expected.

HANAMI community is well strengthened, and extended, thanks to both actions HANAMI runs in parallel that are our regular events (high level symposiums) and HANAMI constant efforts in leveraging our scientific projects by applying regularly to external calls for projects.

The continuation of this work will be proposed in D1.4 and D1.5 that respectively details the HANAMI setup and progress at mid-term and at the end of the project.





Annexes

HANAMI moral & ethical charter

A moral and ethical charter allows to reflect on our values, develop our thinking and make our commitment a reality. This also creates cohesion within teams as well as preventing possible attacks on moral and ethical values.

Code of Conduct

The primary goal of HANAMI is to enhance collaboration in High-Performance Computing between Europe and Japan. HANAMI is committed to promoting transparency, honesty, and responsibility. Members and partners of HANAMI should have confidence that the organization will fulfill its commitments in an ethically sustainable manner.

HANAMI's values serve as the cornerstone of our actions. This Code of Conduct translates these values into practical guidelines, outlining our definition of good scientific practices and fostering healthy interactions with interest groups, the environment, and society at large. HANAMI is dedicated to advancing science and international collaboration with the highest ethical standards.

We expect all members of HANAMI to adhere to this vision, and we strongly encourage our partners and suppliers to embrace the values outlined in this Code of Conduct endorsed by HANAMI.

Operating principles

HANAMI values

Values serve as the moral compass for HANAMI, guiding all our decisions. We consistently uphold our core values in every situation, acting responsibly, with care, together, and with expertise.

Respecting basic rights and the law.

We adhere to internationally recognized human rights, as outlined in the UN Universal Declaration of Human Rights¹ and the international labor standards established by the International Labor Organization (ILO)². We also uphold the ten principles of the UN Global Compact.

Mutual trust and appreciation are essential for HANAMI's success. We champion equality and will not tolerate discrimination, harassment, inappropriate behavior, or intimidation for any reason.

Preserving the Common Good

The goal of preserving the common good is reinforced by implementing a whistle-blower mechanism. This mechanism allows anyone to report situations that may pose a serious threat to the public interest.

Ethics

Relationships among HANAMI members must be guided by respect and trust. Everyone has the responsibility never to engage in actions that could cast the slightest doubt on HANAMI's ethics.



HANAMI encourages the reporting of ethical incidents, and no member may face sanctions for using reporting measures for such incidents, selflessly and in good faith, or for refusing to carry out an act believed to go against HANAMI's ethical principles.

Scientific integrity

Scientific integrity is considered a professional code of conduct specific to knowledge generation, extending beyond HANAMI's Code of Conduct. Similar to ethics, it involves due consideration of values, ultimate aims, and consequences of actions.

Scientific integrity encompasses rules and values governing research activities to ensure their genuineness and scientific rigor. It is grounded in principles like honesty, reliability, rigor, and transparency, fulfilling our responsibility to future generations of scientists and fellow citizens.

¹ : <https://www.un.org/en/about-us/universal-declaration-of-human-rights>

² : <https://www.ilo.org/ilo-declaration-fundamental-principles-and-rights-work/about-declaration/text-declaration-and-its-follow>