



**EuroHPC JOINT UNDERTAKING**  
**DECISION OF THE GOVERNING BOARD OF THE EuroHPC JOINT**  
**UNDERTAKING No 7/2019**

**On the selection of the Hosting Entities for the Precursors to Exascale Supercomputers**

THE GOVERNING BOARD OF THE EUROHPC JOINT UNDERTAKING,

Having regard to Council Regulation (EU) 2018/1488 of 28 September 2018 establishing the European High Performance Computing Joint Undertaking (hereinafter "Regulation")<sup>1</sup>, and in particular Articles 8, 9 and 10 thereof,

Having regard to the Statutes the European High Performance Computing Joint Undertaking annexed to the Regulation (thereinafter "Statutes") and in particular to Articles 7(4) (d) and 6(4) thereof,

Having regard to the Governing Board Decision No 7/2018 of 21 December 2018 adopting the EuroHPC Joint Undertaking Work Plan for the year 2019,

WHEREAS

- (1) Pursuant to the work plan and Decision 2/2019 of its Governing Board, the Joint Undertaking published on 21 January 2019, the Call for Expression of Interest for the selection of Hosting Entities for the Precursors to Exascale Supercomputers with REF: EUROHPC-2019-CEI-PE-01 with a deadline of 4 April 2019.
- (2) Three (3) applications were submitted in response to this Call, which all satisfied the admissibility and eligibility criteria.
- (3) All three (3) applications were evaluated by independent experts, under the responsibility of the EuroHPC Joint Undertaking, and all reached the evaluation thresholds and were included in the evaluation panel ranking list.
- (4) Two (2) of the three (3) applications, on the basis of the Call, included a proposal for an optional system targeting the development of an advanced experimental platform towards exascale systems. The potential of this part of the proposal was evaluated for its own merits for receiving or not financial support and the evaluators assessed that the experimental exascale platform proposed by only one (1) of these applications was of sufficient quality to be funded.
- (5) The interim Executive Director of the EuroHPC Joint Undertaking has presented to the Governing Board at its 7<sup>th</sup> meeting (04 and 05 June 2019) the final ranked list and the proposal to select all (3) applications as Hosting Entities of the Precursors to

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<sup>1</sup> OJ L 252, 08.10.2018, p. 1-34.

Exascale Supercomputers, as well as the proposal to retain one (1) of the applications regarding the experimental exascale platform.

- (6) The Governing Board should approve the selection of the Hosting Entities with indications of the maximum Union funding to be allocated for each of the supercomputers to be acquired by the EuroHPC Joint Undertaking.
- (7) The interim Executive Director should implement the decision of the Governing Board.

HAS ADOPTED THIS DECISION:

*Article 1*

All three (3) applications are, on the basis of the final ranked list and the proposal submitted by the interim Executive Director of the EuroHPC Joint Undertaking, selected as Hosting Entities for each of the Precursors to Exascale Supercomputers, with indications of the maximum Union funding to be allocated for each of the Precursors to Exascale Supercomputers to be acquired by the EuroHPC JU. (Annex 1).

*Article 2*

On the basis of the evaluation and the proposal of the interim Executive Director of the EuroHPC Joint Undertaking, one (1) application should be retained for possible financing of an experimental exascale platform within the maximum Union funding available (Annex 2).

On the basis of the evaluation and the proposal of the interim Executive Director of the EuroHPC Joint Undertaking, one (1) application should not be retained for possible financing of an experimental exascale platform retained for possible financing of an experimental exascale platform within the maximum Union funding available (Annex 2).

*Article 3*

The interim Executive Director should take the necessary measures to implement the decision of the Governing Board and should invite the selected Hosting Entities to start negotiations in view of signing the Hosting Agreements with each of them, with due regard to the relevant statement of the Governing Board as annexed to this Decision (Annex 3).

*Article 4*

This Decision shall enter into force upon its adoption by the Governing Board.

Done at Luxembourg, on 5 June 2019

For the Governing Board

Thomas Skordas

The Vice-Chair

Annexes:

*Annex 1: Ranked List of selected applicants retained as Hosting Entities for the Precursors to Exascale Supercomputers to be acquired with indications of the maximum Union funding to be allocated for each of the Precursors to Exascale Supercomputers.*

*Annex 2: Outcome of the evaluation of the proposals for an optional system targeting the development of an advanced experimental platform towards exascale systems.*

*Annex 3: Statement of the EuroHPC JU Governing Board of on the selection of the Hosting Entities for the Precursors to Exascale Supercomputers of 5<sup>th</sup> June 2019.*

*Annex 1: Ranked List of selected applicants retained as Hosting Entities for the Precursors to Exascale Supercomputers to be acquired with indications of the maximum Union funding to be allocated for each of the Precursors to Exascale Supercomputers:*

<b>Rank</b>	<b>Application Ref.</b>	<b>Application/ Coordinator</b>	<b>Indication of maximum Union financial contribution of each supercomputer [€]</b>
1	Ares(2019)2399224	Lumi – Finland	102.262.500
2	Ares(2019)2489479	BSC_HE_EuroHPC - Spain	102.002.419
3	Ares(2019)2398399	Leonardo - Italy	114.222.000
		TOTAL	245.905.557

*Annex 2: Outcome of the evaluation of the proposals for an optional system targeting the development of an advanced experimental platform towards exascale systems:*

<b>Application</b>	<b>Outcome</b>	<b>Indication of maximum EuroHPC funding [€]</b>
BSC_HE_EuroHPC – Spain	<b>RETAINED</b>	5.150.000
Leonardo – Italy	<b>NOT RETAINED</b>	0

*Annex 3: Statement of the EuroHPC JU Governing Board of on the selection of the Hosting Entities for the Precursors to Exascale Supercomputers of 5<sup>th</sup> June 2019.*

The Governing Board selects the three hosting entities and hosting consortia for precursor to exascale supercomputers. The Governing Board acknowledges that the available Union financial contribution to the EuroHPC JU can cover fully the EuroHPC contribution to the acquisition costs; and of the operating costs of the three supercomputers for the first 18 months of their operation. Therefore, the Governing Board mandates the EuroHPC JU to a close cooperation with the three hosting entities and the European Commission to come up as soon as possible with a proposal for addressing the risks related to the funding gap of covering the operational costs of the three supercomputers for the whole duration of their lifetime. This proposal will have to address Article 8 of the Statutes of the Regulation establishing the EuroHPC JU and would permit the EuroHPC JU to come up with a proposal to be reflected in the Hosting Agreements that shall be validated by the Governing Board.