Section A: Privacy Policy

A1. **Please indicate that you have read and agree to the Privacy Policy: https://hpc.grnet.gr/en/access/privacy-policy/.**

In order to continue submitting this survey you must agree to the privacy policy: https://hpc.grnet.gr/en/access/privacy-policy/.

Yes ☐

No ☐

Section B: General Information

B1. **Project name**

A short title for your proposed project

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

B2. **Project Acronym**

A single word acronym for your proposed project

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

B3. **Research Field**

Economics, Finance and Management ☐

Linguistics, Cognition and Culture ☐

Biochemistry, Bioinformatics and Life sciences ☐

Physiology and Medicine ☐

Mathematics and Computer Sciences ☐

Fundamental Constituents of Matter ☐

Chemical Sciences and Materials ☐

Engineering ☐

Universe Sciences ☐

Earth System Sciences ☐

Other ▼

Other

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Section C: Detailed Project Document

C1. Please download and fill the detailed project document from here :
"Detailed Project Document"

and upload your file following the link below.

Section D: Primary Investigator

D1. Personal Information

Title	
First Name	
Last Name	
E-mail	
Phone number	

D2. Organization Name

Select Organization Name from the dropdown list, if other please fill in the option "Other" at the end of list.

Universities:Agricultural University of Athens ☐

Universities:Aristotle University of Thessaloniki ☐

Universities:Athens University of Economics and Business ☐

Universities:Athens school of fine arts ☐

Universities:Democritus University of Thrace ☐

Universities:Harokopio University ☐

Universities:Hellenic Open University ☐

Universities:International Hellenic University ☐

Universities:Ionian University ☐

Universities:National Technical University of Athens ☐

Universities:National and Kapodistrian University of Athens ☐

Universities:Panteion University of social and political sciences ☐

Universities:Technical University of Crete ☐

Universities:University of Crete ☐

Universities:University of Ioannina ☐

▼

Universities:University of Macedonia ☐

Universities:University of Patras ☐

Universities:University of Piraeus ☐

Universities:University of Thessaly ☐

Universities:University of Western Macedonia ☐

Universities:University of the Aegean ☐

Universities:University of the Peloponnese ☐

Technological educational institutes:Alexander Technological Educational Institute of Thessaloniki ☐

Technological educational institutes:Piraeus University of Applied Sciences ☐

Technological educational institutes:School of Pedagogical and Technological Education ☐

Technological educational institutes:TEI of Ionian Islands ☐

Technological educational institutes:TEI of Peloponnese ☐

Technological educational institutes:TEI of Thessaly ☐

Technological educational institutes:Technological Educational Institude of Western Greece ☐

Technological educational institutes:Technological Educational Institute of Athens ☐

Technological educational institutes:Technological Educational Institute of Central Macedonia ☐

Technological educational institutes:Technological Educational Institute of Crete ☐

Technological educational institutes:Technological Educational Institute of Eastern Macedonia and Thrace ☐

Technological educational institutes:Technological Educational Institute of Epirus ☐

Technological educational institutes:Technological Educational Institute of Sterea Ellada ☐

Technological educational institutes:Technological Educational Institute of Western Macedonia ☐

Research institutes:Institute of Engineering Seismology and Earthquake Engineering ☐

Research institutes:Academy of Athens ☐

Research institutes:Alexander Fleming Biomedical Sciences Research Center ☐

Research institutes:Athena - Research and Innovation Center ☐

Research institutes:Biomedical Research Foundation - Academy of Athens ☐

Research institutes:CTI "Diophantus" ☐

Research institutes:Centre for Research and Technology Hellas. ☐

Research institutes:Centre for the Greek Language ☐

▼

Research institutes:Eugenides Foundation ☐

Research institutes:Foundation for Research and Technology - Hellas ☐

Research institutes:Hellenic Centre for Marine Research ☐

Research institutes:Institute of Communications and Computer Systems (ICCS) ☐

Research institutes:NCSR Demokritos ☐

Research institutes:National Documentation Centre ☐

Research institutes:National Hellenic Research Foundation ☐

Research institutes:National Observatory Athens ☐

Other academic institutions:Ecclesiastical School of Athens ☐

Other academic institutions:Hellenic Air Force Academy ☐

Other academic institutions:Hellenic Army Academy ☐

Other academic institutions:Hellenic Naval Academy ☐

Other academic institutions:Merchant Marine Academy of Macedonia ☐

Other academic institutions:Patriarchal University Ecclesiastical Academy of Crete ☐

Other academic institutions:University Ecclesiastical Academy of Thessaloniki ☐

Other academic institutions:University Ecclesiastical Academy of Vella of Ioannina ☐

Other ▼

Other

D3. Organization Information

Position held

Department

Group

Street Address

City

Postal Code

Country

D4. **Do you want to add a Collaborator ?**

Please make sure that you have the consent of your colleagues to register their details in the following forms.

Yes ☐

No ☐

Section E: Collaborator 1

E1. **Personal Information**

Title ☐

First Name ☐

Last Name ☐

E-mail ☐

Phone number ☐

E2. **Organization Name**

Select Organization Name from the dropdown list, if other please fill in the option "Other" at the end of list.

Universities:Agricultural University of Athens ☐

Universities:Aristotle University of Thessaloniki ☐

Universities:Athens University of Economics and Business ☐

Universities:Athens school of fine arts ☐

Universities:Democritus University of Thrace ☐

Universities:Harokopio University ☐

Universities:Hellenic Open University ☐

Universities:International Hellenic University ☐

Universities:Ionian University ☐

Universities:National Technical University of Athens ☐

Universities:National and Kapodistrian University of Athens ☐

Universities:Panteion University of social and political sciences ☐

Universities:Technical University of Crete ☐

Universities:University of Crete ☐

Universities:University of Ioannina ☐

Universities:University of Macedonia ☐

Universities:University of Patras ☐

▼

Universities:University of Piraeus ☐

Universities:University of Thessaly ☐

Universities:University of Western Macedonia ☐

Universities:University of the Aegean ☐

Universities:University of the Peloponnese ☐

Technological educational institutes:Alexander Technological Educational Institute of Thessaloniki ☐

Technological educational institutes:Piraeus University of Applied Sciences ☐

Technological educational institutes:School of Pedagogical and Technological Education ☐

Technological educational institutes:TEI of Ionian Islands ☐

Technological educational institutes:TEI of Peloponnese ☐

Technological educational institutes:TEI of Thessaly ☐

Technological educational institutes:Technological Educational Institude of Western Greece ☐

Technological educational institutes:Technological Educational Institute of Athens ☐

Technological educational institutes:Technological Educational Institute of Central Macedonia ☐

Technological educational institutes:Technological Educational Institute of Crete ☐

Technological educational institutes:Technological Educational Institute of Eastern Macedonia and Thrace ☐

Technological educational institutes:Technological Educational Institute of Epirus ☐

Technological educational institutes:Technological Educational Institute of Sterea Ellada ☐

Technological educational institutes:Technological Educational Institute of Western Macedonia ☐

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Research institutes:Academy of Athens ☐

Research institutes:Alexander Fleming Biomedical Sciences Research Center ☐

Research institutes:Athena - Research and Innovation Center ☐

Research institutes:Biomedical Research Foundation - Academy of Athens ☐

Research institutes:CTI "Diophantus" ☐

Research institutes:Centre for Research and Technology Hellas. ☐

Research institutes:Centre for the Greek Language ☐

Research institutes:Eugenides Foundation ☐

Research institutes:Foundation for Research and Technology - Hellas ☐

▼

Research institutes:Hellenic Centre for Marine Research ☐

Research institutes:Institute of Communications and Computer Systems (ICCS) ☐

Research institutes:NCSR Demokritos ☐

Research institutes:National Documentation Centre ☐

Research institutes:National Hellenic Research Foundation ☐

Research institutes:National Observatory Athens ☐

Other academic institutions:Ecclesiastical School of Athens ☐

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Other academic institutions:Hellenic Army Academy ☐

Other academic institutions:Hellenic Naval Academy ☐

Other academic institutions:Merchant Marine Academy of Macedonia ☐

Other academic institutions:Patriarchal University Ecclesiastical Academy of Crete ☐

Other academic institutions:University Ecclesiastical Academy of Thessaloniki ☐

Other academic institutions:University Ecclesiastical Academy of Vella of Ioannina ☐

Other ▼

Other

E3. Organization Information

Position held

Department

Group

Street Address

City

Postal Code

Country

E4. Do you want to add a Collaborator ?

Please make sure that you have the consent of your colleagues to register their details in the following forms.

Yes ☐

No ☐

Section F: Collaborator 2

F1. Personal Information

Title

First Name

Last Name

E-mail

Phone number

F2. Organization Name

Select Organization Name from the dropdown list, if other please fill in the option "Other" at the end of list.

Universities:Agricultural University of Athens ☐

Universities:Aristotle University of Thessaloniki ☐

Universities:Athens University of Economics and Business ☐

Universities:Athens school of fine arts ☐

Universities:Democritus University of Thrace ☐

Universities:Harokopio University ☐

Universities:Hellenic Open University ☐

Universities:International Hellenic University ☐

Universities:Ionian University ☐

Universities:National Technical University of Athens ☐

Universities:National and Kapodistrian University of Athens ☐

Universities:Panteion University of social and political sciences ☐

Universities:Technical University of Crete ☐

Universities:University of Crete ☐

Universities:University of Ioannina ☐

Universities:University of Macedonia ☐

Universities:University of Patras ☐

Universities:University of Piraeus ☐

Universities:University of Thessaly ☐

Universities:University of Western Macedonia ☐

▼

Universities:University of the Aegean ☐

Universities:University of the Peloponnese ☐

Technological educational institutes:Alexander Technological Educational Institute of Thessaloniki ☐

Technological educational institutes:Piraeus University of Applied Sciences ☐

Technological educational institutes:School of Pedagogical and Technological Education ☐

Technological educational institutes:TEI of Ionian Islands ☐

Technological educational institutes:TEI of Peloponnese ☐

Technological educational institutes:TEI of Thessaly ☐

Technological educational institutes:Technological Educational Institude of Western Greece ☐

Technological educational institutes:Technological Educational Institute of Athens ☐

Technological educational institutes:Technological Educational Institute of Central Macedonia ☐

Technological educational institutes:Technological Educational Institute of Crete ☐

Technological educational institutes:Technological Educational Institute of Eastern Macedonia and Thrace ☐

Technological educational institutes:Technological Educational Institute of Epirus ☐

Technological educational institutes:Technological Educational Institute of Sterea Ellada ☐

Technological educational institutes:Technological Educational Institute of Western Macedonia ☐

Research institutes:Institute of Engineering Seismology and Earthquake Engineering ☐

Research institutes:Academy of Athens ☐

Research institutes:Alexander Fleming Biomedical Sciences Research Center ☐

Research institutes:Athena - Research and Innovation Center ☐

Research institutes:Biomedical Research Foundation - Academy of Athens ☐

Research institutes:CTI "Diophantus" ☐

Research institutes:Centre for Research and Technology Hellas. ☐

Research institutes:Centre for the Greek Language ☐

Research institutes:Eugenides Foundation ☐

Research institutes:Foundation for Research and Technology - Hellas ☐

Research institutes:Hellenic Centre for Marine Research ☐

Research institutes:Institute of Communications and Computer Systems (ICCS) ☐

Research institutes:NCSR Demokritos ☐

▼

Research institutes:National Documentation Centre ☐

Research institutes:National Hellenic Research Foundation ☐

Research institutes:National Observatory Athens ☐

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Other academic institutions:Hellenic Army Academy ☐

Other academic institutions:Hellenic Naval Academy ☐

Other academic institutions:Merchant Marine Academy of Macedonia ☐

Other academic institutions:Patriarchal University Ecclesiastical Academy of Crete ☐

Other academic institutions:University Ecclesiastical Academy of Thessaloniki ☐

Other academic institutions:University Ecclesiastical Academy of Vella of Ioannina ☐

Other ▼

Other

F3. Organization Information

Position held

Department

Group

Street Address

City

Postal Code

Country

F4. Do you want to add a Collaborator ?

Please make sure that you have the consent of your colleagues to register their details in the following forms.

Yes ☐

No ☐

Section G: Collaborator 3

G1. Personal Information

Title

First Name	
Last Name	
E-mail	
Phone number	

G2. Organization Name

Select Organization Name from the dropdown list, if other please the option "Other" at the end of list.

Universities:Agricultural University of Athens ☐

Universities:Aristotle University of Thessaloniki ☐

Universities:Athens University of Economics and Business ☐

Universities:Athens school of fine arts ☐

Universities:Democritus University of Thrace ☐

Universities:Harokopio University ☐

Universities:Hellenic Open University ☐

Universities:International Hellenic University ☐

Universities:Ionian University ☐

Universities:National Technical University of Athens ☐

Universities:National and Kapodistrian University of Athens ☐

Universities:Panteion University of social and political sciences ☐

Universities:Technical University of Crete ☐

Universities:University of Crete ☐

Universities:University of Ioannina ☐

Universities:University of Macedonia ☐

Universities:University of Patras ☐

Universities:University of Piraeus ☐

Universities:University of Thessaly ☐

Universities:University of Western Macedonia ☐

Universities:University of the Aegean ☐

Universities:University of the Peloponnese ☐

Technological educational institutes:Alexander Technological Educational Institute of Thessaloniki ☐

▼

Technological educational institutes:Piraeus University of Applied Sciences ☐

Technological educational institutes:School of Pedagogical and Technological Education ☐

Technological educational institutes:TEI of Ionian Islands ☐

Technological educational institutes:TEI of Peloponnese ☐

Technological educational institutes:TEI of Thessaly ☐

Technological educational institutes:Technological Educational Institude of Western Greece ☐

Technological educational institutes:Technological Educational Institute of Athens ☐

Technological educational institutes:Technological Educational Institute of Central Macedonia ☐

Technological educational institutes:Technological Educational Institute of Crete ☐

Technological educational institutes:Technological Educational Institute of Eastern Macedonia and Thrace ☐

Technological educational institutes:Technological Educational Institute of Epirus ☐

Technological educational institutes:Technological Educational Institute of Sterea Ellada ☐

Technological educational institutes:Technological Educational Institute of Western Macedonia ☐

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Research institutes:Academy of Athens ☐

Research institutes:Alexander Fleming Biomedical Sciences Research Center ☐

Research institutes:Athena - Research and Innovation Center ☐

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Research institutes:Centre for the Greek Language ☐

Research institutes:Eugenides Foundation ☐

Research institutes:Foundation for Research and Technology - Hellas ☐

Research institutes:Hellenic Centre for Marine Research ☐

Research institutes:Institute of Communications and Computer Systems (ICCS) ☐

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Research institutes:National Documentation Centre ☐

Research institutes:National Hellenic Research Foundation ☐

Research institutes:National Observatory Athens ☐

▼

Other academic institutions:Ecclesiastical School of Athens ☐

Other academic institutions:Hellenic Air Force Academy ☐

Other academic institutions:Hellenic Army Academy ☐

Other academic institutions:Hellenic Naval Academy ☐

Other academic institutions:Merchant Marine Academy of Macedonia ☐

Other academic institutions:Patriarchal University Ecclesiastical Academy of Crete ☐

Other academic institutions:University Ecclesiastical Academy of Thessaloniki ☐

Other academic institutions:University Ecclesiastical Academy of Vella of Ioannina ☐

Other ▼

Other

G3. Organization Information

Position held

Department

Group

Street Address

City

Postal Code

Country

G4. Do you want to add a Collaborator ?

Please make sure that you have the consent of your colleagues to register their details in the following forms.

Yes ☐

No ☐

Section H: Collaborator 4

H1. Personal Information

Title

First Name

Last Name

E-mail

Phone number ☐☐☐☐☐☐☐☐☐☐

H2.   Organization Name

Select Organization Name from the dropdown list, if other please fill in the option "Other" at the end of list.

Universities:Agricultural University of Athens ☐

Universities:Aristotle University of Thessaloniki ☐

Universities:Athens University of Economics and Business ☐

Universities:Athens school of fine arts ☐

Universities:Democritus University of Thrace ☐

Universities:Harokopio University ☐

Universities:Hellenic Open University ☐

Universities:International Hellenic University ☐

Universities:Ionian University ☐

Universities:National Technical University of Athens ☐

Universities:National and Kapodistrian University of Athens ☐

Universities:Panteion University of social and political sciences ☐

Universities:Technical University of Crete ☐

Universities:University of Crete ☐

Universities:University of Ioannina ☐

Universities:University of Macedonia ☐

Universities:University of Patras ☐

Universities:University of Piraeus ☐

Universities:University of Thessaly ☐

Universities:University of Western Macedonia ☐

Universities:University of the Aegean ☐

Universities:University of the Peloponnese ☐

Technological educational institutes:Alexander Technological Educational Institute of Thessaloniki ☐

Technological educational institutes:Piraeus University of Applied Sciences ☐

Technological educational institutes:School of Pedagogical and Technological Education ☐

Technological educational institutes:TEI of Ionian Islands ☐

▼

Technological educational institutes:TEI of Peloponnese ☐

Technological educational institutes:TEI of Thessaly ☐

Technological educational institutes:Technological Educational Institude of Western Greece ☐

Technological educational institutes:Technological Educational Institute of Athens ☐

Technological educational institutes:Technological Educational Institute of Central Macedonia ☐

Technological educational institutes:Technological Educational Institute of Crete ☐

Technological educational institutes:Technological Educational Institute of Eastern Macedonia and Thrace ☐

Technological educational institutes:Technological Educational Institute of Epirus ☐

Technological educational institutes:Technological Educational Institute of Sterea Ellada ☐

Technological educational institutes:Technological Educational Institute of Western Macedonia ☐

Research institutes:Institute of Engineering Seismology and Earthquake Engineering ☐

Research institutes:Academy of Athens ☐

Research institutes:Alexander Fleming Biomedical Sciences Research Center ☐

Research institutes:Athena - Research and Innovation Center ☐

Research institutes:Biomedical Research Foundation - Academy of Athens ☐

Research institutes:CTI "Diophantus" ☐

Research institutes:Centre for Research and Technology Hellas. ☐

Research institutes:Centre for the Greek Language ☐

Research institutes:Eugenides Foundation ☐

Research institutes:Foundation for Research and Technology - Hellas ☐

Research institutes:Hellenic Centre for Marine Research ☐

Research institutes:Institute of Communications and Computer Systems (ICCS) ☐

Research institutes:NCSR Demokritos ☐

Research institutes:National Documentation Centre ☐

Research institutes:National Hellenic Research Foundation ☐

Research institutes:National Observatory Athens ☐

Other academic institutions:Ecclesiastical School of Athens ☐

Other academic institutions:Hellenic Air Force Academy ☐

Other academic institutions:Hellenic Army Academy ☐

▼

Other academic institutions:Hellenic Naval Academy ☐

Other academic institutions:Merchant Marine Academy of Macedonia ☐

Other academic institutions:Patriarchal University Ecclesiastical Academy of Crete ☐

Other academic institutions:University Ecclesiastical Academy of Thessaloniki ☐

Other academic institutions:University Ecclesiastical Academy of Vella of Ioannina ☐

Other ▼

Other

H3. Organization Information

Position held

Department

Group

Street Address

City

Postal Code

Country

H4. Do you want to add a Collaborator ?

Please make sure that you have the consent of your colleagues to register their details in the following forms.

Yes ☐

No ☐

Section I: Collaborator 5

I1. Personal Information

Title

First Name

Last Name

E-mail

Phone number

I2. Organization Name

Select Organization Name from the dropdown list, if other please fill in the option "Other" at the end of list.

Universities:Agricultural University of Athens ☐

Universities:Aristotle University of Thessaloniki ☐

Universities:Athens University of Economics and Business ☐

Universities:Athens school of fine arts ☐

Universities:Democritus University of Thrace ☐

Universities:Harokopio University ☐

Universities:Hellenic Open University ☐

Universities:International Hellenic University ☐

Universities:Ionian University ☐

Universities:National Technical University of Athens ☐

Universities:National and Kapodistrian University of Athens ☐

Universities:Panteion University of social and political sciences ☐

Universities:Technical University of Crete ☐

Universities:University of Crete ☐

Universities:University of Ioannina ☐

Universities:University of Macedonia ☐

Universities:University of Patras ☐

Universities:University of Piraeus ☐

Universities:University of Thessaly ☐

Universities:University of Western Macedonia ☐

Universities:University of the Aegean ☐

Universities:University of the Peloponnese ☐

Technological educational institutes:Alexander Technological Educational Institute of Thessaloniki ☐

Technological educational institutes:Piraeus University of Applied Sciences ☐

Technological educational institutes:School of Pedagogical and Technological Education ☐

Technological educational institutes:TEI of Ionian Islands ☐

Technological educational institutes:TEI of Peloponnese ☐

Technological educational institutes:TEI of Thessaly ☐

▼

Technological educational institutes:Technological Educational Institude of Western Greece ☐

Technological educational institutes:Technological Educational Institute of Athens ☐

Technological educational institutes:Technological Educational Institute of Central Macedonia ☐

Technological educational institutes:Technological Educational Institute of Crete ☐

Technological educational institutes:Technological Educational Institute of Eastern Macedonia and Thrace ☐

Technological educational institutes:Technological Educational Institute of Epirus ☐

Technological educational institutes:Technological Educational Institute of Sterea Ellada ☐

Technological educational institutes:Technological Educational Institute of Western Macedonia ☐

Research institutes:Institute of Engineering Seismology and Earthquake Engineering ☐

Research institutes:Academy of Athens ☐

Research institutes:Alexander Fleming Biomedical Sciences Research Center ☐

Research institutes:Athena - Research and Innovation Center ☐

Research institutes:Biomedical Research Foundation - Academy of Athens ☐

Research institutes:CTI "Diophantus" ☐

Research institutes:Centre for Research and Technology Hellas. ☐

Research institutes:Centre for the Greek Language ☐

Research institutes:Eugenides Foundation ☐

Research institutes:Foundation for Research and Technology - Hellas ☐

Research institutes:Hellenic Centre for Marine Research ☐

Research institutes:Institute of Communications and Computer Systems (ICCS) ☐

Research institutes:NCSR Demokritos ☐

Research institutes:National Documentation Centre ☐

Research institutes:National Hellenic Research Foundation ☐

Research institutes:National Observatory Athens ☐

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Other academic institutions:Hellenic Air Force Academy ☐

Other academic institutions:Hellenic Army Academy ☐

Other academic institutions:Hellenic Naval Academy ☐

Other academic institutions:Merchant Marine Academy of Macedonia ☐

▼

Other academic institutions:Patriarchal University Ecclesiastical Academy of Crete ☐

Other academic institutions:University Ecclesiastical Academy of Thessaloniki ☐

Other academic institutions:University Ecclesiastical Academy of Vella of Ioannina ☐

Other ▼

Other

I3.   Organization Information

Position held

Department

Group

Street Address

City

Postal Code

Country

Section J: Abstract of the project

J1.   Abstract of Project

If the project is successful this will be published on GRNET's website unless you mark it as confidential below. Please make this summary understandable to a general audience. (Maximum 500 words)

J2.   Recent bibliographic references that are relevant to the project

Section K: Codes and computational resources requested

This section is used for providing information for each of the codes (applications), self-made or 3rd party based that you would like to use and their resource requirements. If multiple codes are to be used, please give the specifications for each of them. Please do not exceed the 7 days running limit for a single job

K1. **Type of Computational Resources Required**

Access to Thin Nodes ☐

Access to Fat Nodes ☐

Access to GPU Nodes ☐

Access to Intel Xeon Phi Nodes ☐

K2. **CPU Core Hours Required in the**

Only numbers are accepted here as valid answers. Only available during the duration of the production access project.

Thin nodes island

Fat nodes island

Gpu nodes island

Phi nodes island

K3. **Number of jobs that can run simultaneously**

i.e do not depend on each other

K4. **Wall clock time of a typical job execution (in hours)**

It is suggested that you do not request more than 2 days for Wall clock time (i.e. 48 Hours)

K5. **Are you able to write checkpoint**

Yes ☐

No ☐

K6. **Maximum time between 2 checkpoints (hours)**

K7. **Expected job size (number of cores) and job memory (total memory usage over all cores of jobs)**

Please fill in the required information for the expected average and maximum job size.

Typical:

Job size (number of cores)

Job memory requirements (total memory in MB)

Maximum:

Job size (number of cores)

Job memory requirements (total memory in MB)

K8. **Storage**

Maximum amount of data needed at a time.

Requested storage is assigned per project and not per user

Work - result and large input files:

Total Storage (GB)

Maximum number of files to be stored. (Mio: Millions)

Home - source code and scripts:

Total Storage (GB)

Maximum number of files to be stored. (Mio: Millions)

K9. **Total ammount of data to be transferred to/from the production system (GB)**

K10. **Describe your strategy concerning the handling of data (pre/post processing, transfer of data to/from the production system, retrieving relevant data for long-term). In case the amount of data to be transferred is of the order of tens of TB, Justify it and explain how you plan to manage it (Maximum 500 words) :**

K11. **Please describe the I/O strategy of the code (for example usage of I/O libraries, MPI I/O, netcdf, HDF5 or other approaches). Be aware that I/O has to be adequately managed for highly parallel applications on Tier-1 systems, especially in case of I/O intensive applications, i.e. that need to read and/or write frequently from/to disk during a job. In general serial I/O for large amount of data is not suitable for the system :**

K12. **I/O data traffic (read and write) per hour for typical production job (GB)**

K13. **Number of files generated per hour for typical productions job**

K14. **Does your project require long term data archiving?**

Yes ☐

No ☐

K15. **If you answered Yes to the above please explain in detail the reasons for archiving the data in ARIS and provide an estimation of the total storage in TB.**

Section L: Describe what work has already been done to develop the codes

This should include the following: describing the main algorithms, how they have been implemented and parallelized, and their main performance bottlenecks and the solutions to the performance issues you have considered. For each code that needs to be optimized, please provide the details listed below.

L1. **Name and version Webpage and other references. Licensing model. Contact information of the code developers. Your relationship to the code (developer, collaborator to main developers, end user, etc.).**

Section M: Further Details

M1. **Discuss the routes that you will use for dissemination of the project and for any appropriate knowledge transfer. This should include any resources that you will beusing to support this. (500 words)**

M2. **Is any part of the project covered by confidentiality ?**

Yes ☐

No ☐

M3. **If YES, specify which aspect is confidential and justify (Maximum 500 words):**

M4. **Do you have any other support for this application e.g. from your national funding council, the EC or international collaborations? Please give details of this below:**

Section N: Comments

N1. **Do you have any further comments**

Thank you for submitting ARIS Project Access Application Form. If you have any further questions please contact by sending e-mail to hpc-access@grnet.gr. Sincerely, GRNET HPC Team