|  |
| --- |
| This questionnaire provides the IMDEA Materials Technology Transfer and Innovation Office (TTIO) with the necessary information to analyse further exploitation and protection mechanisms. Try to reply to all possible questions, but leave blank those questions you cannot answer so you can fill them in along with TTIO during the meetings you will be having.  *Controller: FUNDACIÓN IMDEA MATERIALES with legal address at C/Eric Kandel, 2 – Tecnogetafe – 28906 Getafe (Madrid). Purpose: Provide support for the protection and commercialisation of research resuls. Your rights: Access, rectification, deletion, opposition, limitation of processing and withdrawal of your consent. Filing a complaint with the Spanish Data Protection Agency (AEPD). Further information: In the* [*Privacy Policy*](https://materials.imdea.org/privacy-policy/) |

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| --- | --- |
| For the Technology Transfer and Innovation Office (TTIO) use only | |
| Received by |  |
| Reception date |  |
| Comments |  |
| Signature |  |

# AUTHORS AND GENERAL DESCRIPTION

* 1. **Title of the software**

*Notes*

* *Provide a descriptive title and an acronym.*

|  |
| --- |
| XXX |

* 1. **Authors/developers details**

Author/developer 1 (Lead) agrees to be the primary point of contact with the IMDEA Materials’ Technology Transfer and Innovation Office (TTIO).

*Notes*

* *Authors/developers are those people who have made any contribution to the software (even if only a minimal contribution) or provided any text, graphics, photos, video, sound effects, voice recording, or other tangible item that has been incorporated into the software*
* *Author/developer 1 should be a Principal Investigator at IMDEA Materials Institute.*
* *If there are more than three authors/developers, please copy/paste more tables.*
* *Please list all authors/developers, including those from external organisations. If specific contributions are difficult to determine, include a table with the organisation names and an estimated percentage of their contribution to the software.*

|  |  |
| --- | --- |
| **Personal details of author/developer 1 (Lead)** | |
| Full name |  |
| Identification number (NIF, NIE, passport) |  |
| Nationality |  |
| Home address |  |
| Employer organisation and group/department |  |
| Contact details (phone and email) |  |
| Contribution to the software (%) |  |
| Describe your contribution to the software | (e.g., design, specifications, code, documentation, maintenance, validation, etc.) |
| Signature |  |

|  |  |
| --- | --- |
| **Personal details of author/developer 2** | |
| Full name |  |
| Identification number (NIF, NIE, passport) |  |
| Nationality |  |
| Home address |  |
| Employer organisation and group/department |  |
| Contact details (phone and email) |  |
| Contribution to the software (%) |  |
| Describe your contribution to the software | *(e.g., design, specifications, code, documentation, maintenance, validation, etc.)* |
| Signature |  |

|  |  |
| --- | --- |
| **Personal details of author/developer 3** | |
| Full Name |  |
| Identification number (NIF, NIE, passport) |  |
| Nationality |  |
| Home Address |  |
| Employer organisation and group/department |  |
| Contact Details (phone, email) |  |
| Contribution to the software (%) |  |
| Describe your contribution to the software | *(e.g., design, specifications, code, documentation, maintenance, validation, etc.)* |
| Signature |  |

* 1. **General description, application field and keywords**

*Notes*

* *Please include schematic drawings, diagrams, or flowcharts that illustrate the key aspects of the software. If possible, ensure figures are precise and labelled to correspond to elements mentioned in the text.*

XXX

**Application field:** *(additive manufacturing, composites manufacturing, metamaterials, prediction of materials mechanical properties, materials discovery, etc.)* XXX

**Keywords:** *(provide a set of keywords that best describe your software (e.g., technical field, specific applications, core technologies). These keywords will assist in searching for relevant prior art)*XXX

# DETAILED DESCRIPTION

* 1. **Software version**

*Notes*

* *Indicate the version number and version date.*

XXX

* 1. **Development effort**

*Notes*

* *Estimate the total hours contributed by all authors/developers and the approximate number of source lines of code*

**Nº of hours:** XXX

**Nº of source lines of code:** XXX

* 1. **Technical problems solved, opportunities it addresses and general utility**

*Notes*

* *Clearly state the specific technical problem your software addresses, its advantages and disadvantages compared to current software.*
* *Best ways of using the software and possible variations (describe the ideal use cases where the software performs optimally and mention any potential modifications or alternative uses that could expand its functionality or application).*

XXX

* 1. **Describe the prior art**

*Notes*

* *If known, briefly indicate and describe documents (solutions) which define prior art. Include existing software, copyright and patents, not just papers. Please consult free patent databases such as Espacenet, The Lens, or Google Patents.*

XXX

* 1. **Datasets and contained data**

*Notes*

* *If your software contains data or is a database, please provide details on whether (a) the contained data should also be licensed with the software and (b) who contributed to the data generation or where the data came from.*

XXX

* 1. **Programming language/s**

XXX

# DEVELOPMENT STATUS AND CONTEXT

# Development status

**Is your work derivative software?** *(software based on one or more pre-existing works, such as an adaptation or any other form in which a work may be recast, transformed, or adapted)*

NO

YES, a:  Translation  Adaptation  Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Specify the name of the pre-existing software, its owners and their authors: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The software exists as a:**

Concepts or pieces of code

Beta test

Software tool for academic research

Software tool ready to license as a product *(off the shelf, with GUI, etc.)*

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Will the software be further developed?**

NO

YES, internally at IMDEA Materials Institute

YES, with an external partner (e.g. industry, other research institute, etc.)

YES, by an external partner (without any contribution of IMDEA Materials Institute)

Remarks: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Technical requirements

*Notes*

* *List the hardware and operating system requirements. Include special requirements like additional middleware (e.g., MatLab licenses, Abaqus). More details about third party code are needed in the following sections.*

XXX

# Development phase. Third-party software components

*Notes*

* *This section is designed to identify and document* ***all third-party software components incorporated into the software****, whether during its* ***development phase*** *or at* ***runtime****. It is essential to ensure compliance with all licensing terms associated with third-party components, as these may affect the ability to commercialize or distribute the software.*
* *Please list* ***ALL*** *external code, libraries, development tools, APIs, software components, academic code, etc. (MatLab, Python libraries, or software like Abaqus, ThermoCalc, etc.) integrated into the software, whether embedded in the code or accessed during runtime. This includes both open-source and commercial software that may impose usage restrictions or licensing obligations.*
* *Fill out the table below for each third-party component used*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of third-party software component** | **Owner/author[[1]](#footnote-1)** | **License type[[2]](#footnote-2)** | **Type of usage[[3]](#footnote-3)** | **License obligations**  a) Requires maintaining the same licence on the software?  b) Requires equal distribution of the source code?  c) Other requirements[[4]](#footnote-4) | **Link to license** *(URL or provide PDF[[5]](#footnote-5))* |
|  |  |  |  | a)  YES  NO  b)  YES  NO  c) |  |
|  |  |  |  | a)  YES  NO  b)  YES  NO  c) |  |
|  |  |  |  | a)  YES  NO  b)  YES  NO  c) |  |
|  |  |  |  | a)  YES  NO  b)  YES  NO  c) |  |
|  |  |  |  | a)  YES  NO  b)  YES  NO  c) |  |

# Disclosure

|  |  |  |
| --- | --- | --- |
| **Dissemination** | Has any part of the software been previously published or distributed outside your group? *If yes, please detail to whom and when (under which circumstances).* | |
| YES (fill in the info below)  NO | |
| How was it distributed? |  |
| What license governed the distribution? |  |
| Was a copyright notice displayed? |  |
| Who was the stated owner of the copyright? |  |

|  |  |  |
| --- | --- | --- |
| **Other disclosures** | YES *(fill in the info below)*  NO | |
| Has the software been provided to anyone under a Non-Disclosure Agreement (NDA)? | YES  NO |
| Has the software been demonstrated for or used by anyone other than in your laboratory? | YES  NO |
| If you answered “YES” to any of the questions above, please provide detailed information below regarding the relevant dates and circumstances: | |
| XXX | |

# PATENTING

*Notes*

* *If the software solves a technical problem in a non-obvious manner, it may be patentable under certain circumstances. If you believe the software is patentable**, please also ask the TTIO for the invention disclosure form and submit a form related to this software development.*
* *If the functionalities of the software are disclosed before a patent application is filed, then the novelty of the software is destroyed (making patenting impossible).*

**Do you believe that the underlying ideas of the software should be patented?**

YES *(submit an invention disclosure form to the TTIO)*

NO

# Licensing scenario

**What is the desired or most likely licensing scenario?**

Academic use

Non-exclusive license or license to software reseller

Exclusive license to a company

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Could an exclusive license be granted, or would this obstruct your research in the future?**

YES

NO

**Which specific companies/partners could be interested in licensing the software?**

State its/their name(s) and contact people if available \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Do you wish to exploit the invention yourself by founding a spin-off company?**  YES  NO

# financial support

*Notes*

* *This section elucidates if IMDEA Materials Institute has any obligations to a third party. To assess the software's ownership, it is necessary to know if the software was developed within a project with a third party or utilising material (e.g. code) from third parties for which a contract exists. In such a case, these third parties may claim rights to the software.*

The software was made in a project/s **without** an external financial contribution.

It is an IMDEA Materials Institute project; only IMDEA Materials Institute resources were used. Therefore, no third party has any rights to the software.

The software was made in a project in collaboration with a third party(ies). Please, specify here the collaboration partner(s) and collaboration type:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The software was made in a project/s **with** an external financial contribution. Specify the funding sources below *(List all funding sources for the research that led to the discovery. It is essential to include all funding sources, as these may affect the ownership and commercialisation rights of the invention; if there are more than three sources, please copy/paste more tables)*

|  |  |
| --- | --- |
| **Project acronym/title** |  |
| **Funding body** |  |

|  |  |
| --- | --- |
| **Project acronym/title** |  |
| **Funding body** |  |

|  |  |
| --- | --- |
| **Project acronym/title** |  |
| **Funding body** |  |

1. Name of the author(s) or organization that owns the code/library [↑](#footnote-ref-1)
2. Type of license governing the third-party component (e.g., GPL, MIT, Apache, Commercial, etc.). [↑](#footnote-ref-2)
3. Indicate if the third-party component was used during development (used while you are creating or writing your software. It helps you build or test the software, but it isn’t necessarily part of the final product that users run), at runtime (he third-party component is used when the software is actually running or being used by the end-user. It becomes part of the execution process of the software), or both [↑](#footnote-ref-3)
4. List any other obligations that come with the license, such as royalty payments, etc. [↑](#footnote-ref-4)
5. If the code has no formal license, provide written authorization from the original authors. [↑](#footnote-ref-5)