

## TERMS AND CONDITIONS OF THE AI FOR MANUFACTURING CHALLENGE

These terms and conditions may be amended until the vote by the regional council on november 20, 2025.

### Context

On october 15, 2018, the Paris Region adopted its AI2021 plan, which aims, in particular, to promote the excellence of Paris Region companies in this field and to give them the means to compete internationally, while contributing to the advancement of economic, social, and societal issues.

### ARTICLE 1 : ORGANIZATION

As part of its AI2021 plan, the Paris Region is launching an AI for Manufacturing Challenge for industry entitled “AI for Manufacturing Challenge” (the “**Challenge**”).

The Paris Region thus aims to contribute to the emergence of innovative solutions for factories, warehouses, and the entire production ecosystem, and to support the development of international champions in the field of AI applied to industry 4.0.

The rules of the challenge are defined in these terms and conditions (the “**Terms and conditions**”). The challenge is organized by the Paris Region, in partnership with EIT Manufacturing.

Hereinafter referred to as the “**Organizers.**”

The following organizations are also involved in the challenge, in a supporting role:

- Michelin
- Fives

Hereinafter referred to as the “**Manufacturers.**”

### ARTICLE 2 : OBJECTIVE, DESCRIPTION, PARTICIPATION, AND TIMELINE OF THE CHALLENGE

#### 2.1. Context of engineering activities for manufacturing

- *Sequencing of design activities in manufacturing:*

In the manufacturing industry, the design of products or industrial projects follows a structured sequence of phases: opportunity or preliminary design studies, functional and economic analyses, detailed design, prototyping, industrialization, and execution. At each stage,

engineers must balance technical performance, cost, and deadlines while complying with regulatory and contractual obligations.

This complexity is accentuated by the diversity of environments (V-cycle in heavy industry, agile methods in software), the need to manage configuration, “make or buy” decisions, and the integration of field feedback.

In detail :

- Pre-project phases, in the case of projects :
  - Calls for tenders, research and comparative analyses of preliminary technical and economic solutions (feasibility studies, preliminary designs, preliminary simulations, preliminary estimates, risk analyses, make-or-buy analyses, etc.), drafting of the contract offer
- Pre-project phases, in the case of products:
  - Opportunity studies, market analyses of use cases with the aim of framing the project and its objectives (KPIs)
  - Functional and value analysis, drafting of functional specifications.
  - Research and comparative analysis of preliminary technical and economic solutions (feasibility studies, preliminary designs, preliminary simulations, preliminary estimates, risk analyses, make-or-buy analyses, etc.)
- Detailed design phase for a unique solution (mechanical, electrical, automation, software, etc.): complete definition file, parts lists, manufacturing plans, electrical diagrams, software code
- Execution phases, in the case of projects :
  - Purchasing, pre-assembly then pre-validation in the factory, transport, on-site installation, commissioning, training, and final validation.
- Execution phases, in the case of products :
  - Prototyping and validation in order to test actual operation and validate the design ; then industrialization (methods, manufacturing means) and production start-up with the aim of mass production.
- Closure and follow-up phases :
  - In the most common scenario : after-sales service, maintenance, technical support, sometimes also : remote monitoring or even remote control, preventive maintenance
  - In all cases, feedback, modification handling.

The whole is managed by a project or product management responding respectively either to a project owner and a contract, or to a steering committee (company management).

- In activities where modification costs are high (heavy industry, etc.) : the V-model is preferred.
- Conversely, typically in software activities, agile methods (such as SCRUM) are preferred.
- Each stage is subject to a checkpoint deciding whether to move on to the next stage, iterate, return to the previous stage, or stop the activity completely.

- *Challenges and specific features of these design activities*
  - Complying with regulatory requirements (machine standards, European standards, etc.)
  - Controlling the contract, controlling the configuration
  - Meeting functional requirements (e.g., increasing the availability rate of the machine or process)
  - Mastering and respecting intellectual property
  - Reducing the cost price, often requiring a reduction in operating costs
  - Reducing the time required to make the product available to the customer, in particular on-site installation times
  - Standardizing components and maintaining the standard
  - Choose “Make or Buy.”
  - Monitor the fleet sold and understand the actual operating conditions.

It should be noted that the context of the activity has a significant influence on the design activity itself :

- In the preliminary design phase, it is often decided to adapt existing designs in order to reduce design time (“copy and paste”).
- The larger the project, the more challenging it is to coordinate interfaces.
- For activities with high technological stakes: the presence of patents within the company or among competitors can be a determining factor.
- For activities with high regulatory stakes (nuclear, etc.) : documentation becomes an even greater challenge (deliverables, design process, validation & verification activities).

In addition, design work is always carried out using both highly specialized tools (calculation, drawing, simulation, and ERP software) and more basic files for handling specific and temporary needs (typically spreadsheets and presentations). Finally, it requires constant dialogue, which itself requires tools (meeting minutes, emails, multiple shared spaces, multiple discussion channels, etc.). Digital continuity, i.e., the uniqueness of data, its sharing, and its control over time, is therefore a major challenge.

In this context, artificial intelligence opens up new possibilities for assisting or automating certain design decisions, improving the exploration of variants, making technical and economic estimates more reliable, anticipating risks, and accelerating the generation and maintenance of consistent and up-to-date technical documentation. It is becoming a key lever for optimizing design in an industrial context that is increasingly constrained in terms of deadlines, competitiveness, and sustainability by reducing low value-added tasks or promoting their verification.

## **2.2. Objective of the challenge**

The Challenge aims to reward Very Small Enterprises, Small and Medium-sized Enterprises, mid-sized companies, or groups comprising either a public laboratory and one (or more) private companies, or several micro, small, medium-sized, or mid-sized companies, with the most relevant proposals to meet the challenge set by the Organizers.

This challenge consists of developing and validating intelligent solutions in the context of engineering for manufacturing. Intelligent technologies refer to all digital technologies that incorporate artificial intelligence capabilities, whether they are based on rules derived from human knowledge (expert systems, symbolic logic) or on the automated analysis of large amounts of data (machine learning, neural networks). They enable the design of systems

capable of perceiving, reasoning, learning, and acting autonomously or with assistance, thus providing powerful levers for innovation in all economic sectors.

The aim of these technologies is to improve engineering efficiency by automating recurring tasks, while keeping the designer in the loop in order to take their opinion on the proposed solutions into account, consider it in the future, and obtain their validation on the solution to be implemented.

To guide candidates, Manufacturers provide a list of use cases :

- UC1 : Assistance to designers in the production of technical documents and manuals
- UC2 : Assistance in the design of recurring elements
- UC3 : Detection and assistance in the processing of non-conformities
- UC4 : Translation of specifications into design constraints
- UC5 : Design proposals based on historical designs

This list is provided as a preferred guide to solutions, but any other intelligent solution for manufacturing engineering may be considered.

Candidates may express any needs regarding other data required to carry out the projects. It should be noted that artificial intelligence models cannot be trained on industrial data due to the excessive amount of data that this would require. The data transmitted will only be provided at the inference stage.

Detailed use case sheets are provided in the appendix to these terms and conditions and are available to each candidate with the application form, which can be downloaded from the Région Île-de-France (Paris Region)'s "Mes démarches" platform. These sheets aim to specify for each use case:

- the expected functions of the solution
- the data made available for phase 2
- the deliverables expected from the candidate

The solutions proposed by the Candidates will have a TRL between 4 and 7, with the objective of reaching a TRL between 7 and 9 by the end of the project.

Unless otherwise specified in the use case sheet, the selection of candidates will take place in two phases :

- An initial phase in which candidates will not have specific data from manufacturers and will be able to present their solutions based on previous work carried out in fields and use cases of their choice
- At the end of this phase, 10 candidates will be selected and will be able to compete under a confidentiality agreement for the second phase, in which manufacturers will provide data that candidates can use to demonstrate the relevance of their solution.

The deliverables expected at each phase are as follows :

Phase 1 (pre-selection) :

- Pre-selection form
- Pitch presentation of the current solution (maximum 10 pages, free format)

Phase 2 (selection):

- Selection form

- Deliverables generated by the solution based on the technical data provided
- Pitch presentation of the solution applied to the chosen use case (maximum 10 pages, free format)
- Description of the work and budget estimates to achieve the target TRL (project sheet)
- Audition

The data will only be provided to candidates selected by the Organizers in accordance with the terms and conditions set out below and subject to the candidates signing an agreement with the manufacturers governing the provision of this data (CANDIDATE AGREEMENT – “DATA CHALLENGE”).

## **2.3. Terms and conditions of participation**

The Challenge will run from December 10, 2025, to February 10, 2026, at 11:59 p.m. (Paris time, France).

The Challenge will be divided into two (2) phases, namely:

### **2.3.1. Phase 1 of the Challenge**

Companies wishing to compete in the Challenge (the “**Candidates**”) must return their pre-selection application by midnight on February 10, 2026, to the following email address: [ai-industrychallenge@iledefrance.fr](mailto:ai-industrychallenge@iledefrance.fr)

Based on the applications submitted, the Organizers will select a maximum of 10 Candidates (the “**Selected Candidates**”).

A selection committee will be set up, composed of the Organizers and Manufacturers, whose objective will be to verify the eligibility of the Candidates according to the criteria set out in the specifications. The applications must then be validated by a committee composed of the Organizers and Manufacturers.

Candidates whose applications have been approved by the above-mentioned committees will be informed of their selection by the Organizers.

### **2.3.2. Phase 2 of the Challenge**

Based on the applications provided by the Selected Candidates for phase 2, a jury (the “**Jury**”) whose composition is defined below will interview the Candidates during a presentation and demonstration session of the existing technology.

At the end of this audition, the jury (the “**Jury**”) will select the winner(s) of the Challenge (the “**Winner**”).

### **2.3.3. Schedule**

Applications that are incomplete or received outside the Challenge period or the aforementioned phases (the date and time of receipt of the registration on the server shall prevail) will not be considered.

Any inaccurate or misleading information will result in the disqualification of the Candidates.

For any further information, please contact : [ai-industrychallenge@iledefrance.fr](mailto:ai-industrychallenge@iledefrance.fr)

### **ARTICLE 3: ELIGIBILITY REQUIREMENTS**

The Challenge is open to legal entities :

- Micro-enterprises and small enterprises (companies with fewer than 50 employees and whose annual turnover or total annual balance sheet does not exceed €10 million) as defined in Annex 1 of the RGEC;
- Medium-sized enterprises (companies with fewer than 250 employees and an annual turnover of less than €50 million or an annual balance sheet total not exceeding €43 million) as defined in Annex 1 of the RGEC;
- Mid-cap companies ;
- Consortia comprising either a public laboratory and one (or more) private company(ies), or several micro-enterprises, small enterprises, medium-sized enterprises or mid-cap companies.

The Challenge is open to companies or groups from the European Union or Switzerland that are already established and have their registered office or permanent establishment participating in the Challenge located in the Paris Region, or that have plans to set up the Paris Region within a maximum of one year from the start date of the Challenge (this establishment project must be significant in terms of means and human resources).

Companies in difficulty as defined by Article 2 § 18 of the amended RGEC No. 651/2014 and § 3.2 of the SA 58995 scheme relating to State aid for RDI are not eligible for the Challenge.

Failure to comply with the eligibility conditions and these terms and conditions will result in disqualification and cancellation of participation, which will therefore not be taken into account for selection.

### **ARTICLE 4 : APPLICATION FILE AND SELECTION CRITERIA**

#### **4.1. Application file**

Companies wishing to compete in the Challenge (the “Candidates”) must submit an application file on the Challenge website.

An application may be submitted by a single company either in its own name or on behalf of a consortium for which it acts as leader. Only one application per legal entity will be accepted, with the exception of members of companies that have participated in the preparation of the Challenge, particularly in its organization, as well as the families of all such persons, including cohabiting partners. The Challenge Organizers reserve the right to cancel the applications of anyone who has applied more than once.

The Candidate's application file shall include the duly completed application form (all mandatory fields must be filled in).

Any application received by postal mail will be rejected by the Organizers.

It is the responsibility of each Candidate to read these terms and conditions (available on the Website) before submitting their application. As such, an application may only be submitted if the Candidate's legal representative (on behalf of and for the Candidate) declares that they have read and accept the terms and conditions without reservation.

However, if more than two hundred (200) applications are received, the Organizers reserve the right to close registration for the Challenge early.

A Candidate's participation will be taken into account once they have submitted their application, subject to compliance with these terms and conditions.

Incomplete applications or those submitted after the registration deadline (including in the event of early closure of registrations) will not be considered.

The Organizers cannot be held liable if one (or more) Candidates is unable to connect to the Website due to any technical fault or related problem, including, but not limited to, network congestion, human or electrical error, malicious intervention, software or hardware malfunction, or force majeure.

Candidates undertake to provide accurate information in their application file. Candidates may not modify the information provided after the application deadline. The Organizers reserve the right to request from Candidates any justification for the information provided in the application file. The Organizers cannot be held responsible for the inaccuracy of the information provided by Candidates.

Any application that does not comply with the above characteristics will not be considered.

#### **4.2. Selection criteria**

To select the Selected Candidates, the Organizers will assess the value of the Candidates based on the following criteria, listed in no particular order of importance :

##### **Phase 1 (pre-selection)**

- Candidate's experience and skills in the field of industry
- Candidate's experience and skills in the field of artificial intelligence
- Value added by the solution and assessment of its applicability to manufacturing engineering

##### **Phase 2 (selection)**

To select the winner, the members of the Jury (defined below) will assess the value of the response provided, particularly with regard to the following criteria, listed in no particular order of importance :

- Coverage of expected functions
- Quality of deliverables generated
- Value provided by the solution
- Consideration of general criteria (cybersecurity, etc.)
- Relevance of the project sheet
- TRL positioning of the solution

### 4.3 Right of veto

The Jury will have a right of veto over the Selected Candidates and the Winner.

This right allows it to oppose the selection of a Candidate or the designation of a Winner that is incompatible with its strategic choices, its internal policies, and/or with which it is or has been in litigation, and/or whose corporate purpose is not in line with its own.

The members of the Jury undertake to withdraw from the selection of Candidates and the designation of the Winner in cases where there is a direct or indirect conflict of interest, such as, for example, a stake in the capital.

## ARTICLE 5 : PERSONAL DATA

For the purposes of this Article 5, “Personal Data,” the terms “Personal Data,” “Processing,” “Data Processor,” “Joint Data controllers” have the same meaning as provided for in European Regulation (EU) 2016/679 of April 27, 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data (the “GDPR”) and the amended law of January 6, 1978 on information technology, files, and civil liberties (hereinafter collectively referred to as the “Personal Data Legislation”).

For the purposes hereof, the terms:

- “**Participant(s)**” means the natural person(s) who has/have completed an application form for the Challenge on behalf of one or more Candidates.
- “**Selected Participant(s)**” means the natural person(s) participating in the Challenge on behalf of a Selected Candidate(s), as defined in Article 2.2 of these Terms and conditions.
- “**Candidate Representatives**” means the representatives of the Candidates.
- “**Candidate Employees**” means the employees of the Candidates, including the Participants.

### 5.1. Responsible for Processing

In accordance with Personal Data Legislation, the Personal Data of Participants, Representatives, and Employees of Candidates is subject to Processing by the Organizers and Manufacturers, acting as Joint Controllers. As such, the Organizers and Manufacturers jointly determine the purposes and means of processing relating to the organization and running of the Challenge.

For any request relating to the Processing of their Personal Data, Candidates may contact, alternatively:

The Personal Data Protection Officer appointed by the Region:

The Data Protection Officer (“DPO”) of the Paris Region

- By email: [dpo@iledefrance.fr](mailto:dpo@iledefrance.fr)
- By post:

Région Ile-de-France

A l’attention du Délégué à la Protection des Données

2 rue Simone Weil

93400 Saint-Ouen-sur-Seine



OR

The Data Protection Officer (“DPO”) of EIT Manufacturing: Christina Dimopoulou ([dpo@eitmanufacturing.eu](mailto:dpo@eitmanufacturing.eu)).

## **5.2. Collection and Processing of Candidates' Personal Data**

Personal Data relating to civil status, identity and other identification data, as well as images, i.e., surnames, first names, email addresses, telephone numbers and, where applicable, photographs and/or video recordings of Representatives and Employee Candidates are collected by the Organizers and processed by the Organizers and Manufacturers for the following purposes:

- Reviewing the compliance of Candidate applications with the eligibility criteria set out in these Terms and conditions.
- Contacting Selected Candidates in order to provide them with information on the next stages of the Challenge.
- Use of quotes, images, or video recordings of the Candidates' Representatives and/or Employees for communication and media purposes (press kits in particular) by the Organizers and/or Manufacturers.

The said Data is stored securely for a period of 6 months.

By participating in the Challenge, Candidates consent to the Processing of their Personal Data by the Organizers and Manufacturers, in accordance with the conditions specified in this section.

## **5.3. Candidates' rights regarding the use of their Personal Data**

In any event, each Candidate has the right to access their Personal Data. Candidates also have the option of requesting that their Personal Data be modified or deleted. Candidates may object to the Processing of their Personal Data, request that it be restricted, or exercise their right to the portability of their Personal Data.

Candidates are also informed of their right to withdraw their consent to the Processing of their Personal Data at any time. As the provision of such Personal Data is necessary for the validation of their participation in the Challenge, their participation in the Challenge will be canceled if necessary.

For any request related to the exercise of their rights, Candidates may contact the Personal Data Protection Officer designated by the Region, whose contact details are provided in section "1. Responsible for processing" section of this Article.

Candidates also have the right to lodge a complaint with the competent national supervisory authority, namely the Commission Nationale de l'Informatique et des Libertés (“CNIL”).

## ARTICLE 7 : PROPOSAL TO THE WINNER

The Challenge has a maximum prize fund of five hundred thousand euros (€500,000).

A Selected Candidate will be chosen as the “Winner” and, if they so request, may be awarded a grant by the Paris Region, subject to a favorable vote by the Paris Region Standing Committee. The latter will be based on the notification-exempt framework scheme No. SA. 58995 relating to aid for research, development, and innovation (RDI), insofar as the project and the expenses presented may be considered eligible ([https://www.europe-en-france.gouv.fr/sites/default/files/sa.58995\\_rdi\\_-\\_prolongation\\_0.pdf](https://www.europe-en-france.gouv.fr/sites/default/files/sa.58995_rdi_-_prolongation_0.pdf)). Under no circumstances shall the Organizers or the Manufacturers be held liable for any unfavorable vote by the Standing Committee of the Paris Region.

The Winner will work to finalize their project in collaboration with one or more Manufacturers and will have access to part of the Manufacturer's database at the sole discretion of the Manufacturer.

**Subject to a favorable vote by the elected representatives of the Paris Region Standing Committee, the grant will cover the collaborative work that will take place after the Challenge between the winner(s) and one or both Manufacturers.**

Under no circumstances may the resources committed by the Candidates in the context of the Challenge, i.e., during the duration of the Challenge until the winner(s) is/are designated, be subject to funding from the Paris Region or the Manufacturers.

Furthermore, it is reiterated that under no circumstances may Candidates request that the Organizers provide the subsidy in any form other than that specified (no modification, replacement, exchange, or equivalent value in goods).

For information purposes, in the context of a collaborative project subject to current European regulations, namely the notification-exempt framework scheme No. SA. 58995 relating to aid for research, development, and innovation (RDI), the maximum subsidy rates are as follows:

- 60% of expenses related to the post-Challenge project for micro-enterprises and small businesses;
- 50% of post-Challenge project expenses for medium-sized enterprises;
- 40% of post-Challenge project expenses for mid-sized companies.

Laboratories associated with a company may receive 100% funding up to a limit of €120,000, subject to compliance with European regulations on state aid applicable to these structures. In particular, applicants will be expected to compile a file based on the research organization qualification methodology proposed in the appendix to this document.

## ARTICLE 8: SELECTION OF CANDIDATES AND CHOICE OF WINNER

Candidates' applications will be evaluated by the Organizers and the Manufacturers on the basis of the eligibility and selection criteria mentioned in Articles 3 and 4.2 of the terms and conditions.

The Organizers reserve the right not to consider an Applicant's application if it does not meet all the eligibility criteria set out in Article 3 of the terms and conditions.

Where necessary, in order to evaluate the applications more accurately, the Organizers reserve the right to ask Candidates for further details or supporting documents and/or to answer any additional questions.

Based on these applications, the Organizers will select ten (10) Candidates for Phase 2.

The Organizers are not required to justify their decisions, which are final.

The Jury will be responsible for selecting the Winner of the challenge from among the Selected Candidates, who will all submit a scientific application to the Jury and give a presentation of their results to the Jury.

The Jury is composed of two (2) representatives from the Paris Region, two (2) representatives from Michelin, two (2) representatives from FIVES, and two (2) representatives from EIT Manufacturing.

Each member of the Jury will be required to sign a confidentiality agreement provided in advance by the Paris Region.

The Winner will be chosen by the Jury on the basis of the criteria mentioned in Articles 3 and 4.2 of the terms and conditions.

The Jury will announce the name of the Winner within approximately two (2) weeks after the last oral presentation.

If necessary, in order to evaluate the applications more accurately, the Jury reserves the right to ask the Selected Candidates for any clarification(s) or supporting document(s) and/or to answer any additional questions.

The Jury is not obliged to justify its decisions, which are final.

## **ARTICLE 9: CONFIDENTIALITY**

### **9.1. Obligations of the Jury, Organizers, and Manufacturers**

The Jury, Organizers, Manufacturers, and any agent, consultant, subcontractor, or employee of the Organizers and Manufacturers undertake to treat as confidential any information that comes to their knowledge during the examination of the application files.

This information may not be disclosed without the prior written consent of the Applicants.

However, the Organizers and Manufacturers are authorized to communicate to the press and publish the name of the Winner and the Prize awarded to them.

The Challenge Winner authorizes the Organizers and Manufacturers to freely reproduce and use their brands and logos. These elements may be reproduced and published in various forms of media useful for promoting the Challenge and in connection with it (whether in written, audiovisual, or electronic form).

However, the Challenge Winner may authorize the publication in the Organizers' and Manufacturers' communication documents and the communication to the press of an extract from their application file, provided that they supply this extract, which must not contain any information that is confidential from the Winner's point of view.

The Organizers, Manufacturers, and members of the Jury undertake not to use any confidential information brought to their attention for any purpose other than the Challenge and the selection of the Winner.

## **9.2. Obligations of Candidates**

Candidates undertake to treat as confidential any information that comes to their knowledge during the Challenge. This information includes, but is not limited to, any pseudonymized and/or anonymized data, any information relating to the Challenge and the challenge set by an Manufacturer, and any information relating to the Organizers.

Selected Candidates individually undertake to sign a confidentiality agreement provided by each Manufacturer for their participation in the Challenge.

Any Selected Candidate who has not previously signed this agreement will not be able to participate in the Challenge.

## **ARTICLE 10: INTELLECTUAL PROPERTY**

### **10.1. Intellectual property of Candidates and Selected Candidates**

The Paris Region, EIT Manufacturing, and the Manufacturers wish to promote the research work carried out as part of the Challenge.

Candidates and Selected Candidates may not claim any rights, express or implied, to the know-how, patents, patent applications, registered designs or trademarks, copyrights, materials, data, and databases owned by the Organizers or Manufacturers, as explained in Article 10.3.

### **10.2. Intellectual property of the Winner**

It is understood that these terms and conditions cannot be considered as granting the Winner any rights, express or implied, over the know-how, patents, patent applications, registered designs or trademarks, copyright, data and databases held by the Organizers and Manufacturers, as explained in Article 10.3.

The Winner shall retain all intellectual property rights relating to the solution developed as part of the Challenge. However, the content generated by said solution, in the event that such content is generated solely on the basis of data provided by the Organizers, shall be the exclusive property of the Manufacturer.

The Winner grants the Manufacturers a free, non-exclusive, sublicensable license to use all intellectual property rights relating to the solution developed by the Winner as part of the Challenge, including copyright. These rights shall include the right of reproduction and representation, and in particular the right to use, adapt, modify, incorporate, distribute, and market the said solution for the duration of the validity of the said rights, in all countries, and for direct or indirect exploitation, without limitation as to scope or destination.

A collaboration agreement may also be negotiated between an Manufacturer and the Winner, without either party being under any obligation to enter into such an agreement. In the absence of an agreement, the preceding paragraph shall apply.

### **10.3. Intellectual property of the Manufacturers**

10.3.1. The Applicants and/or Selected Applicants and/or Winner accept and acknowledge that they have no ownership or rights over the trademarks, trade names, company names, common law rights, logos, slogans, signs, domain names, subdomains, keywords, and goodwill related thereto belonging to the Manufacturers (hereinafter the "Trademarks"), nor to the promotional materials and their content provided by the Manufacturers. Candidates and/or Selected Candidates and/or the Winner shall refrain from any action aimed at registering or otherwise

acquiring rights attached to these Trademarks or to any similar name, logo or sign that could create confusion. Candidates and/or Selected Candidates and/or the Winner are not authorized to use the Trademarks in their company name or domain names.

The Candidates and/or Selected Candidates and/or the Winner hereby undertake to remove and return immediately, at the Manufacturers' first request, all documents provided by the latter.

Notwithstanding any provision to the contrary, the Manufacturers retain all rights attached to all other intellectual property rights, including, but not limited to, patent rights, provisional patent rights, distinctive signs, copyrights, software, databases (collectively referred to as "Other IPR") relating to and protecting its products, processes, and services, as well as the documentation and content provided by the Manufacturers, in any country or region. No rights or licenses are granted to the Other IPR under the Challenge.

The provision or use of data in connection with the Challenge is subject to the commitment of the Candidates, Selected Candidates, or Winner not to seek, through reverse engineering, disassembly, or other analysis, to obtain the methodology, composition, formulation, components, processes, source code, or any other confidential information of the Manufacturers.

Any misuse of the Trademarks by the Applicants and/or Selected Applicants and/or Winner constitutes a material breach of these terms and conditions and requires the Applicants and/or Selected Applicants and/or Winner to compensate the Manufacturers for any damages suffered.

#### **10.3.2. Non-denigration**

Candidates and/or Selected Candidates and/or the Winner undertake not to denigrate and/or discredit, directly or indirectly, the Manufacturers, their Trademarks, products, and/or services. In this regard, the Applicants and/or Selected Applicants and/or Winner shall refrain from making any public statements or comments, press releases or social media posts that refer negatively to the Manufacturers, their Brands or their products and/or services, including, but not limited to: (i) the performance, quality, technology, durability, or capabilities of the products; (ii) the validity, registration, or ownership of the Brands; or (iii) the reputation or conduct of the Manufacturers or any of their representatives, employees, subcontractors, agents, or service providers.

Candidates and/or Selected Candidates and/or the Winner shall refrain from organizing any advertising and/or, more generally, any communication of any kind that could damage the name and/or reputation of the Manufacturers, the Brands and/or their products or services.

#### **10.4. Guarantee**

Candidates, Selected Candidates, and the Winner guarantee that they have all the necessary authorizations to participate in the Challenge. In particular, they guarantee that they do not infringe on any intellectual property rights/trade secrets of third parties.

Candidates, Selected Candidates, and the Winner guarantee the Organizers against any claim, opposition, demand for damages, or action (including but not limited to actions for infringement and unfair competition) brought by a third party as a result of the Candidate's participation in the Challenge. Compensation, damages, fines, and any costs incurred by the Organizers and Manufacturers as a result of the above shall be borne by the Applicants and/or Selected Applicants and/or Winner. The Candidates, Selected Candidates, and Winner guarantee that the solution to the challenge they communicate as part of the Challenge is not subject to any obligation that could limit their participation in the Challenge or its potential future exploitation.

## **10.5. Trademarks and logos**

Any use of the trademarks and/or logos of the Organizers and/or Manufacturers by the Candidates, Selected Candidates, and/or Winner must be subject to prior written authorization from the Organizers and/or Manufacturers concerned.

Selected Candidates and the Winner authorize the Organizers and Manufacturers, free of charge, to use their trademark(s), logo(s), and the presentation of the solution without confidential information, on any type of medium for the duration of the Challenge and for three (3) years after its conclusion.

## **ARTICLE 11 : CANCELLATION**

The Organizers reserve the right to shorten, extend, postpone, cancel, or modify all or part of the Challenge and these terms and conditions without prior notice and without having to justify their decision, and shall not be held liable under any circumstances.

## **ARTICLE 12 : COMMITMENTS OF CANDIDATES**

All Candidates for the Challenge agree to:

- read and accept these terms and conditions without reservation;
- hold the intellectual property rights to the elements related to their application or be authorized by the holders (or co-holders) of said rights to apply and participate in the Challenge;
- waive any recourse against the Organizers and Manufacturers, in particular with regard to the Challenge and its organizational conditions, the results and decisions of the Organizers and the Jury, any possible lack of responsiveness or other issues during the technical support phase, any material or immaterial damage caused during the Challenge and its aftermath to the Applicants, their computer equipment and the data stored therein, and the consequences that may result for their personal, professional, or commercial activities;
- refrain from making any claim or request for compensation in the event of modification, postponement, or cancellation of the launch event or the Challenge award ceremony;
- authorize in advance and free of charge the Challenge Organizers to reproduce and display their name, address, and photograph on any medium that may be used in any event.

## **ARTICLE 13: COMMITMENTS OF THE ORGANIZERS AND MANUFACTURERS**

The Challenge Organizers and Manufacturers will make every effort to respond as quickly as possible, within reasonable limits and within the limits of their available human resources, to the questions and needs of the Candidates during the Challenge.

As mentioned above, the Organizers and Manufacturers decline all responsibility for any incidents, damage, claims, and/or accidents that may occur to Candidates, Selected Candidates, or the Winner, their companions or relatives, or any third party in connection with their participation in and implementation of this Challenge.

The Organizers and Manufacturers cannot be held liable for the fraudulent use of Candidates' login details or the selection of the Winner.

The Organizers and Manufacturers reserve the right to shorten, extend, postpone, modify, or cancel the Challenge in the event of force majeure or events beyond their control. In such cases, they cannot be held liable and no compensation may be claimed from them in this

respect. Any decision made by the Challenge Organizers concerning the existence, conduct, and completion of the Challenge is final and cannot be appealed.

The Challenge Organizers and Manufacturers cannot be held liable for any damage resulting from an error made by Candidates or selected Candidates in the contact details provided during their registration and/or application.

The Challenge Organizers and Manufacturers cannot be held liable in any way for malfunctions related to telephone and Internet connections during participation in the Challenge, nor for the postponement and/or modification of the Challenge for reasons beyond their control.

Participation in the Challenge implies knowledge and acceptance of the characteristics and limitations of the Internet, particularly with regard to technical performance, response times for consulting, querying, or transferring information, risks of interruption, and more generally, the risks inherent in any connection and transmission over the Internet, the lack of protection of certain data against possible misuse, and the risks of contamination by possible viruses circulating on the network. It is the responsibility of each Candidate to take all appropriate measures to protect their own data and/or software stored on their computer equipment against any external attack or intrusion.

The Challenge Organizers or Manufacturers cannot be held liable for any incident relating to network disruptions, Internet use, in the event of malfunction of the reception equipment preventing the Challenge from running smoothly, power cuts preventing an Internet user from fulfilling the necessary conditions before the deadline and, more generally, the risks inherent in any connection and transmission over the Internet, the lack of protection of certain data against possible misuse and the risks of contamination by possible viruses circulating on the network.

The Challenge Organizers or Manufacturers cannot be held responsible for delays or errors in the transmission of email beyond their control and decline all responsibility in the event of misuse of the computer or incidents related to the use of the computer (more specifically, the Organizers cannot be held liable for any material or immaterial damage caused to Candidates, their computer equipment and the data stored therein, and the consequences that may result from this on their personal, professional, or commercial activities), Internet access, telephone lines, or any other technical connection.

Furthermore, they cannot be held liable in any way for problems with the registration or loss of Candidates' registration forms.

#### **ARTICLE 14 : FAILURE TO COMPLY WITH THE TERMS AND CONDITIONS**

Failure to comply with any of the articles of these terms and conditions will result in the Candidate's permanent exclusion from the Challenge.

#### **ARTICLE 15 - IMAGE RIGHTS**

By registering for the Challenge, Candidates and their representatives or employees agree to the recording of their image (in any form and on any medium) during the Challenge, as well as the reproduction, use, and distribution of their image, including during the Challenge or during the award ceremony by the Organizers, particularly for promotional purposes to promote the Challenge or any subsequent event organized by the Organizers, as part of their future development and implementation.

Candidates and their representatives or employees transfer, without compensation, their image rights, regardless of the form (such as photographs, recordings, without this list being

exhaustive) and medium (such as digital, graphic, paper, without this list being exhaustive), in whole or in part, to the Organizers and Manufacturers for the following uses, in particular:

1. the reproduction of photographs and/or films, in whole or in part, by any means known or unknown to date and on any medium;
2. the representation of photographs and/or films, in whole or in part, by any means of communication to the public known or unknown to date.

This authorization is granted free of charge for the entire world and without any time limit.

## **ARTICLE 16: USE OF THE WEBSITE**

Candidates undertake to:

- respect the rights relating to the content published on the Website;
- not misuse or attempt to misuse the Website for purposes other than its normal use.

## **ARTICLE 17: MISCELLANEOUS**

The Organizers may cancel all or part of the entries in the Challenge if it appears that fraud has occurred in any form whatsoever, in particular by computer means in connection with the entry and/or the running of the Challenge. In this case, they reserve the right to prosecute the perpetrators of such fraud before the competent courts. However, the Organizers shall not be held liable in any way to the Candidates and/or Winners as a result of any fraud committed.

These terms and conditions are governed exclusively by French law. Any dispute arising from these terms and conditions that cannot be settled amicably shall be submitted to the competent courts of Paris.



## **APPENDIX 1: TRL Scale**

TRL is generally measured on a scale of 1 to 9:

**TRL 1:** Observation and basic principles explored (theoretical concept).

**TRL 2:** Formulation of the technological concept (structured idea).

**TRL 3:** Analytical or experimental validation in the laboratory.

**TRL 4:** Basic prototype validated in a laboratory environment.

**TRL 5:** Validation in a relevant environment (simulation of real conditions).

**TRL 6:** Demonstration of a model/prototype in a relevant operational environment.

**TRL 7:** Demonstration of the system/prototype in a real operational environment.

**TRL 8:** Complete and qualified technology for real-world use.

**TRL 9:** Ready and operational technology (used commercially).

## **APPENDIX 2: Use case sheets**

### **UC1 : Assistance to the designer in the production of technical documents and user manuals**

#### **Expected functions of the solution**

- Generate technical documents listed in input data from a machine technical file (3D/2D plans, Bill of Material (BOM), etc.)
- In the event of a modification to the technical file, provide the designer with a list of the documents affected and a list of modifications per document.
- The solution must provide the designer with the technical documents generated or the changes to be made
- The solution must take into account the designer's comments when preparing the final version

#### **Data provided for step 2**

- 1 technical file for a "MACHINE" subassembly including
  - 1 3D/2D assembly and the associated BOM
  - 1 electrical and/or pneumatic diagram and associated BOM(s)
- 1 template of each type of document to be generated :
  - Project Quality Plan (PQP)
  - Piping & Instrumentation Diagrams (P&IDs)
  - Functional verification sheets
  - User manual

#### **Deliverables to be generated with the solution**

- 1 document of each type :
  - Project Quality Plan (PQP)
  - Piping & Instrumentation Diagrams (P&IDs)
  - Functional verification sheets
  - User manual

### **UC2 : Assisting the designer in the design of recurring elements**

#### **Expected functions of the solution**

- Generate the design of certain recurring elements in accordance with business rules (e.g., piping, covers, bearing assembly, key assembly, etc.)
- Ask the designer for all the information needed to design the solution
- Propose different solutions to the designer, optimized according to different KPIs (cost, space requirements, quantity of material, etc.)
- Be able to answer the designer's questions about the characteristics and performance of the proposed solution

- Implement the solution chosen by the designer in the technical file.

### **Data provided for step 2**

- 1 3D assembly including a shaft and a frame
- Technical and functional specifications for the assembly to be produced (forces, speeds, desired service life, environment, etc.)
- Company-specific business rules for bearing assembly

### **Deliverables to be generated with the solution**

- 1 assembled 3D assembly including shaft + bearing + frame
- 1 calculation note justifying the design approach and specifying the characteristics and performance of the assembly produced (service life, safety coefficients, cost, etc.)

## **UC3 : Automatic detection and assistance for designers in handling non-compliance**

### **Expected functions of the solution**

- During the design process, identify functional design non-compliance (dimension chains, drill hole locations, mountability, etc.) or regulatory non-compliance (dimensioning, standardization, etc.)
- Based on non-conformities detected by a verifier, manufacturer, or user and transmitted in the form of text, photos, diagrams, etc.
- Propose different solutions to the designer, optimized according to different KPIs (cost, accessibility, space requirements, etc.)
- Implement the solution chosen by the designer in the technical file.

### **Data provided for step 2**

- 1 technical file for a "MACHINE" subassembly including 1 3D/2D assembly and containing design errors
- 1 non-compliance report (description, photo, etc.)
- Company-specific business rules

### **Deliverables to be generated with the solution**

- 1 technical file for a "MACHINE" subassembly including 1 corrected 3D/2D assembly
- 1 non-compliance processing report

## **UC4 : Translation of technical specifications into design constraints**

### **Expected functions of the solution**

- Upon receipt of the call for tenders, identify the structural elements, functionalities, and parameters required by the customer
- Integrate customer requirements and specifications into internal models : review of requirements, technical documentation, summary documents of contractual clauses, etc.

### **Data provided for step 2**

- 2 or 3 customer RFPs (customer specifications)
- Internal follow-up file :
  - Requirements review template (type of project sheet listing the main lots, delivery conditions, acceptance, payment, deadlines, etc.)
  - Classification and presentation template for internal technical specifications
  - Contract summary template
  -

### **Deliverables to be generated with the solution**

- 1 internal tracking file completed by RFP

## **UC5 : Design proposals based on historical designs**

### **Expected functions of the solution**

- Identify customer specifications from a call for tenders
- Analyze existing assemblies or sub-assemblies (internal repositories of existing systems, external royalty-free repositories, supplier catalogs)
- Propose a preliminary design that meets the customer's specifications, including technical parameters (dimensions, standardization, etc.)
- Propose variants of the solution to the designer, optimized according to different KPIs (cost, accessibility, space requirements, etc.)
- Implement the solution chosen by the designer in the technical file.

### **Data provided for step 2**

- 1 technical file for a subassembly including several previous 3D/2D designs structured by metadata
- The applicable business rules (technical specifications)
- 1 customer RfP (customer specifications)

### **Deliverables to be generated with the solution**

- 1 technical file for the subassembly including 1 3D/2D assembly meeting the customer's specifications