



startupinside

RULES OF THE CHALLENGE

Hackathon CO2 Industry by RENAULT GROUP

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ARTICLE 1: BACKGROUND

To lead the ecological revolution, RENAULT SAS intends to fully play its role as a leader through the organisation of a **Hackathon CO2 Industry**. RENAULT SAS is aiming for a net zero-carbon balance sheet by 2030 for its European factories in line with its global ambition to contribute to carbon neutrality by 2050.

As part of its climate plan, RENAULT SAS is setting up a competition entitled "Hackathon CO2 Industry" (the "**Challenge**"). This event aims to support and accelerate the development and deployment of disruptive low-carbon solutions that will make tomorrow's metal industry cleaner.

The terms and conditions of the Challenge are defined in these rules (the "**Rules**"). The Challenge is organised by RENAULT SAS whose registered office is located at 13-15 quai Alphonse Le Gallo, 92100 Boulogne-Billancourt cédex. Hereinafter referred to as the "**Organiser**".

The following organisation is also involved in the Challenge, as a support organisation: STARTUP INSIDE whose registered office is located at 14 Rue de Castellane, 75008 Paris. Hereinafter referred to as the "**Subcontractor**".

ARTICLE 2: OBJECTIVES, DESCRIPTION AND SCHEDULE OF THE CHALLENGE

2.1. Objectives

- Stimulate the creativity of the "RE-NEWABLE" community of interest launched by RENAULT SAS
- Accelerate the industry's decarbonisation plan
- Integrate new players and suppliers of decarbonised solutions
- Identify breakthrough solutions
- Identify future partnerships.

2.2. Deliverables and expectations of the competition

- 4-minute pitch to the grand jury
- Slide Deck presenting the results obtained by the team, the business model, and the development roadmap of the project
- Ideally a Prototype (MVP - Minimum Viable Product) of the product/solution (such as functional algorithms, mock-ups, etc.).

2.3. Databases owned by Renault

Description of the data provided to the participants by RENAULT SAS concerning the industrial sites of Douai and Cléon (not exhaustive):

- Plan of the plant, processes, and networks
- Information concerning the consumed products assembled in the factory
- Documents describing our general and detailed infrastructures
- Description of our technical energy policy
- Factories master plans (history and projection)

- History of energy data (electricity and gas) and influential factors (weather, production)

This list can be completed according to the needs raised by the Candidates. All data communicated by RENAULT SAS must be considered as confidential and subject to the terms and conditions of these rules.

This data will only be accessible to Participants by the Organiser according to the terms below.

2.4. Terms of participation

Candidates wishing to compete in the Challenge (the "Candidates") fill in an application form on the Challenge registration website. The Organiser will select 60 (sixty) Candidates (the "Participants") from among them who will then have access to the data. They will be able to analyse this data exclusively to design the methodology to be implemented to meet the proposed industrial challenges to the exclusion of any other use. The Participants unreservedly agree not to make any other use of the data made available by the Organiser in the context of the Challenge.

No right is granted hereunder other than that of accessing and analysing the data exclusively for the purpose of responding to the Challenge challenges.

2.5. Calendar

- Submission of applications: 13 September 2021 - 8 October 2021
- The Organiser selects the Participants and suggests the constitution of the teams (validation by the participants): 11 October - 22 October 2021.
- Sending of a confidentiality undertaking (NDA = Confidentiality Undertaking) to the Participants via e-mail, to be signed and returned by e-mail to the following address laetitia.hoang@renault.com before Friday 29 October inclusive (does not concern the companies that have already signed the NDA in the framework of the "RE-NEWABLE" community of interest): 22 October - 29 October 2021
- Preparation and provision of datasets (see 2.2): 2 November - 25 November 2021
- Hackathon CO2 Industry event: 23 November - 25 November 2021
- Pitch of the teams and selection of the winners: 25 November 2021

ARTICLE 3: ELIGIBILITY REQUIREMENTS

The Challenge is open to:

- VSEs and SMEs (companies with less than 50 employees and an annual turnover or balance sheet total not exceeding €10 million)
- ME (companies with less than 250 employees and an annual turnover of less than €50 million or an annual balance sheet total not exceeding €43 million)
- ETI (intermediate-sized companies)
- EG (large enterprise with at least 5,000 employees or with an annual turnover exceeding €1.5 billion and an annual balance sheet total exceeding €2 billion)
- Groupings associating either a public laboratory and one (or more) private company(ies), or several companies of the VSE, PE, ME or ETI type
- Higher education, study, and research institutions (engineering schools, universities, etc.)

ARTICLE 4: APPLICATION FORM AND SELECTION CRITERIA

4.1. Application form

Companies and laboratories wishing to compete in the Challenge must submit an application file on the Challenge website at the following address: <http://hackathon-co2industry.renaultgroup.com/> (the "Website").

An application may be made by the Candidate on its own behalf or for several Candidates belonging to the same legal entity.

Each application file is nominative and may only be submitted once. All applications must be signed and submitted electronically by the Respondent's legal representative on the Website.

The Candidate's application file will include the duly completed application form (all mandatory fields must be completed, as indicated by the "*" icon).

It is the responsibility of each Candidate to read these Rules (available on the Website) before submitting his/her application. In this regard, an application may only be submitted if the Applicant's legal representative (in the name and on behalf of the Applicant), by ticking the corresponding box, declares that he or she has read and accepts without reservation the conditions of these Rules. The acceptance of these Rules by the Candidate and all the members of his/her team constitutes an essential and prior condition for the acceptance of the Candidate's participation in the challenge. By ticking the above-mentioned box, the Candidate accepts these Rules and those of his/her team as a representative.

If more than two hundred (200) applications are received, the Organiser reserves the right to close the Challenge in advance.

Applications that are not complete or that are submitted after the closing date for entries (including in the case of early closing of entries) will not be considered.

The Organiser shall not be held responsible if one (or more) Candidate(s) is (are) unable to connect to the Website due to any technical defect or problem related to, 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. The Organiser reserves the right to ask Candidates to provide proof of the information provided in their application. The Organiser cannot be held responsible for the inaccuracy of the information provided by Candidates.

4.2. Selection criteria

For the selection of the Candidates, the Organiser will assess their value regarding the following criteria, listed in no ascending or descending order of importance:

- The Respondent's experience and skills in the industrial field (automotive, production plants, mechanics, etc.)
- Experience & skills of the Applicant in the field of energy (production, storage, energy management, ...)
- Experience & skills of the candidate in the field of artificial intelligence
- Experiences & skills of the candidate in the field of industrial automation (programming, architecture, hardware, ...)
- Experience & skills of the candidate in the field of construction (building and public works).

The Candidate accepts without reservation the Organiser's solemn decision as to whether to retain his/her application based on the above criteria. The Candidate undertakes not to contest it.

Once the Candidate has been selected based on the criteria listed above, he/she becomes a Participant in the Challenge.

For the selection of the winners, the members of the Jury will assess the ranking of the solutions according to the following criteria: originality, feasibility, budget, relevance, sustainability, ecological dimension, estimated MWh & kg eqCO₂ savings, quality of the pitch.

The Participant accepts without reservation the solemn decision of the Jury based on the above criteria. The Participant undertakes not to contest it.

For projects that will focus on the datasets made available, the results to be expected from the jury will be: algorithmic performance; quality of predictions; new uses of the data.

ARTICLE 5: PERSONAL DATA

For the purposes of this Article 5. "Personal Information", the terms **"Personal Data"**, **"Processing"**, **"Controller"**, **"Data Subjects"** shall have the same meaning as provided under the European Regulation (EU) 2016/679 of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data (the "GDPR") (hereinafter the "Personal Data Law").

5.1. Data controller

In accordance with the Legislation on Personal Data, the Candidates' Personal Data is processed by the Subcontractor on behalf of the Organiser, who is responsible for the processing. In this respect, the Organiser determines the purposes and means of the processing relating to the organisation and running of the Challenge.

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

By e-mail: dpo@renault.com

- By postal address:
Renault SAS
For the attention of the DPO
13-15, quai Alphonse Le Gallo
92100 Boulogne-Billancourt cédex

5.2. Collection and Processing of Applicants' Personal Data

The Personal Data relating to the civil status, identity and other identification data, i.e. surnames, first names, email addresses, telephone numbers, occupation and, where applicable, photographs and/or video recordings of the Candidates are collected by the Organiser and are processed by the Organiser and the Subcontractor for the following purposes:

- Examination of the compliance of Candidates' files with the eligibility criteria set out in these rules.
- Contacting Participants to provide them with information on the next Challenge milestones.

- Use of quotes, images, or video recordings of the Candidates for communication and media purposes (press kits in particular)
Said Personal Data shall be kept securely for a period of 12 months, except for the use referred to in the provisions of Article 15 "Image rights" of these Rules.

By participating in the Challenge, Participants consent to the Processing of their Personal Data by the Organiser and the Subcontractor, in compliance with the conditions specified in this section.

For your information, the Subcontractor is STARTUP INSIDE whose registered office is located at 14 Rue de Castellane, 75008 Paris.

5.3. Applicants' rights regarding the use of their Personal Data

In any case, each of the Data Subjects has the right to access their Personal Data. Data Subjects also have the possibility to request that their Personal Data be modified or deleted.

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

For more information on your rights, please consult the Renault Group policy: <https://www.renaultgroup.com/nos-engagements/le-groupe-renault-et-vos-donnees-personnelles/>

Data Subjects also have the right to lodge a complaint with the competent national control authority the Commission Nationale de l'Informatique et des Libertés ("CNIL") at the following address: <https://www.cnil.fr/fr/plaintes/>

ARTICLE 6: RESOURCES PROVIDED

Teams will be provided with a project space on a Google Cloud solution platform. Participants will be able to access datasets on this platform. These temporary spaces will allow for data manipulation, large-scale analysis, creation of models and application mock-ups, etc.

Participants will be physically hosted at the Flins industrial site (BP 203, 78410 AUBERGENVILLE, France).

A set of tools will be made available to the Participants to encourage creativity on the Flins industrial site. The Flins industrial site will be open to the Participants from 09:00 to 20:00.

ARTICLE 7: PROPOSALS TO WINNERS

The Challenge will have several prizes to reward the winners:

- **Top 3 "Best Projects"**
- **Special Jury Prize for the "Most Innovative" project**
- **Special prize for the "People's Choice" project**

ARTICLE 8: SELECTION OF CANDIDATES AND CHOICE OF WINNERS

Candidates' applications will be evaluated by the Organiser based on the eligibility and selection criteria set out in articles 3 and 4.2 of the Rules.

The Organiser reserves 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 Rules.

If necessary, to be able to assess the applications more accurately, the Organiser reserves the right to ask Applicants for any clarification or supporting documents and/or to answer any additional question(s).

From these files, the Organiser will select the 60 (sixty) Participants (12 teams of 5) who will be able to compete in the Challenge, and will make up a reserve list of 5 (five) Participants, in the event of Participants withdrawing within the first 2 (two) weeks after access to the Challenge data is opened. The Organiser is not obliged to give reasons for its decision, which is final.

The Organiser reserves the right to propose to the Participants to form a single team of five (5) people based on the applications that will work on the same theme(s) mentioned on the Site.

The Participants will receive reasonable technical support from the Organiser from the time of their selection until the Jury vote.

The Jury will oversee the selection process of the Winners among the Participants. At the end of the Challenge, the Participants will submit a file to the Jury and will present their results to the Jury in the form of a pitch.

The Jury is composed of representatives from RENAULT SAS, GOOGLE CLOUD and external parties (Government, investment funds, ...).

The Winners will be chosen by the Jury based on the criteria mentioned in articles 3 and 4.2 of the Rules. The Jury will announce the names of the Winners on 25 November 2021 following the vote carried out after all the Participants' pitches.

The Jury is not obliged to give reasons for its decisions, which are final. The Participants hereby undertake not to contest them.

ARTICLE 9: CONFIDENTIALITY

9.1. Obligations of the Jury, the Organiser, and the Subcontractor

The Jury, the Organiser, and the Subcontractor undertake to treat as confidential any information that comes to their knowledge during the examination of the application files.

This information may be freely disclosed within RENAULT SAS, but not outside without the prior written consent of the Participants.

Nevertheless, the Organiser and the Subcontractor are authorised by the Participant to communicate to the press and to publish the names of the Participants and the Winners as well as the Prize obtained by them.

The Winners of the Challenge authorise the publication in the communication documents of the Organiser and the Subcontractor and the communication to the press of an extract of the result of their work, presentations, pitch, etc. The Winners may modify the extract if they consider that it contains confidential information that they do not wish to disclose. They must give their opinion within a maximum of five (5) days after the extract has been proposed to them. If no reply is received, the extract is publishable without modification.

9.2. Participants' obligations

The Participants undertake to treat as confidential all information they become aware of during the Challenge. This information includes, but is not limited to, any pseudonymised and/or anonymised data, any information relating to the industrial challenge and to the Organiser.

The Participants undertake to sign and respect a confidentiality undertaking given by the Organiser for their participation in the Challenge and to return it within the time limits mentioned in Article 2.5. by return e-mail to the following address: laetitia.hoang@renault.com

Any Participant who has not signed this undertaking within the time limit may no longer take part in the Challenge.

ARTICLE 10: INTELLECTUAL PROPERTY RIGHTS

10.1. Intellectual Property of the Participants

RENAULT SAS wishes to promote the use of research work carried out as part of the Challenge.

Participants may not claim any right whatsoever, express, or implied, to the know-how, patents, patent applications, registered models or trademarks, copyright, data, and databases held by The Organiser.

Any intellectual property rights generated by a Participant in the context of the Challenge shall be the property of said Participant.

Subject to the terms and conditions of article 10.2, any plan to exploit the results generated within the framework of the Challenge must be subject to prior written information from RENAULT SAS. Given the means and resources put in place to organise the Challenge (premises, Organiser databases, trade specialists and experts, etc.), the Organiser may object if such use is contrary to its legitimate interests (e.g. if the result is confidential and proposed by the Participants to another car manufacturer). Under these conditions, Renault reserves a right of pre-emption over the results of the Challenge. After notification by the Participant, Renault undertakes to make its intentions known within 10 working days.

A collaboration agreement may be negotiated between Renault and the Participants, without there being any obligation for either of them to conclude such an agreement.

Any exploitation of the results to which Renault does not object must be done in compliance with the obligations of the confidentiality undertaking which will have been signed between the Organiser and the Participant concerned (cf. article 2.5)

10.2. Guaranty

The Participant guarantees that he/she holds all authorisations to participate in the Challenge. In particular, he/she guarantees that he/she is not infringing any intellectual property rights/business secrets of third parties, especially regarding the results of the Challenge.

The Participant unconditionally guarantees RENAULT SAS and STARTUP INSIDE against any claim, opposition, request for damages, action (including but not limited to actions for infringement and unfair competition) exercised by a third party concerning the tools, analyses, work, presentations and results of the Participant in the Challenge. Compensation, damages, fines, and any costs incurred by RENAULT SAS as a result of the above shall be borne by the Participant. The Participant guarantees that the solution to the industrial challenge that he/she supports/proposes as part of the Challenge is not subject to any third party right that could limit his/her participation in the Challenge or his/her potential future use or exploitation.

10.3. Brands and logos

Any request by Participants to use the RENAULT SAS and/or STARTUP INSIDE brands and/or logos must be subject to prior written authorisation from RENAULT SAS and/or STARTUP INSIDE, as the case may be.

The Participants and the Winners authorise the Organiser and the Subcontractor, free of charge, to use their brand and logo on any type of medium for the duration of the Challenge and 3 years after the end of the Challenge.

ARTICLE 11: CANCELLATION

The Organiser reserves the right to cancel or modify part or all the Challenge as well as the present Rules without prior notice and without having to justify this decision and will not, under any circumstances, be held responsible. No fees, or damages will be paid by The Organiser and the Subcontractor in the event of cancellation.

ARTICLE 12: CANDIDATES' COMMITMENTS

All Candidates and Participants in the Challenge undertake to:

- Take cognizance of and accept without reservation the present Rules
- To hold all intellectual property rights of the works and results presented or obtained in the framework of the Challenge, or to be authorised by the holders (or co-holders) of the said rights to incorporate and exploit them without any reservation
- To waive all claims against the Organiser and the Subcontractor concerning the Challenge and its conditions of organisation, the results and the decisions of the Organiser and the Jury
- To refrain from any claim or request for compensation in the event of modification, postponement or cancellation of the Challenge
- Authorise in advance and free of charge, the Organiser, and the Subcontractor of the Challenge, to reproduce and represent his/her name, address, and photograph in accordance with the provisions of article 15
- In accordance with Article L. 1321-1 of the French Labour Code, all Participants must read and comply with the internal regulations of the Flins industrial site. The latter sets out, on the one hand,

the measures for the application of health and safety regulations and, on the other hand, the general and permanent rules relating to discipline as they result from the Labour Code and the national collective agreement for financial companies (A.S.F.). Any breach may result in the exclusion of the Participant.

- As the Challenge may be considered as a "professional seminar for more than 50 people, when it takes place on a site outside the company", Participants must present the health pass: <https://www.service-public.fr/particuliers/actualites/A15104>. Failure to present a health pass will result in refusal of access to the Challenge.

ARTICLE 13: COMMITMENTS OF THE ORGANISERS AND THE SUBCONTRACTOR

The Organiser and the Challenge Sub-Contractor undertake to respond, within the limits of reason and their available human resources, as quickly as possible to the questions and needs of Participants before and during the Challenge.

ARTICLE 14: NON-COMPLIANCE WITH THE RULES

Failure to comply with any of the articles of the present Rules shall result in the permanent and immediate exclusion of the Participant from the Challenge, without the need for any prior formal notice or notification.

ARTICLE 15: IMAGE RIGHTS

By registering for the Challenge, the Participants and their representatives accept the taking 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 awarding of the prize by the Organiser, in particular for promotional purposes for the promotion of the Challenge or for any subsequent event organised by the Organiser, as part of their future development and implementation.

The Participants and their representatives assign without consideration their image rights, whatever the form (such as photographs, recordings, without this list being exhaustive) and the medium (such as digital, graphic, paper without this list being exhaustive), in full or by extracts, to the Organiser and to the Subcontractor with a view, in particular, to the following uses:

- The reproduction of the photographs and/or films, in full or by extracts, by all processes known and unknown to date and on all media
- The representation of the photographs and/or films, in full or by extracts, by all known and unknown processes of communication to the public to date.

This authorization is granted free of charge for the whole world and for a period of 24 months from the end of the challenge.

ARTICLE 16: USE OF THE WEBSITE

Applicants undertake to:

- Respect the rights relating to the content published on the internal website
- Not to divert or attempt to divert the website from its normal use.

ARTICLE 17: OTHER TOPICS

The Organiser may cancel all or part of the entries to the Challenge if it appears that fraud has occurred in any form whatsoever, in a computerised manner in the context of participation and/or the running of the Challenge.

In such a case, the Organiser reserves the right to prosecute the perpetrators of such fraud before the competent courts. The Organiser and the Subcontractor shall not, however, incur any liability of any kind towards the Participants due to fraud committed.

These Rules are subject exclusively to French law to the exclusion of the rules for resolving conflicts of law. Any dispute arising in connection with these Rules and which cannot be settled amicably, shall be submitted to the competent courts of Paris.