

REGULATION OF THE PORTUGUESE BLOCKCHAIN ALLIANCE'S TECHNOLOGICAL CHALLENGE NAMED "BCSD SUSTAINABILITY CHALLENGE"

I. Definition

1. The **BCSD Sustainability Challenge** is an initiative developed by CIONET Portugal in partnership with the Business Council for Sustainable Development (BCSD Portugal) in the context of the Portuguese Blockchain Alliance, aiming to promote the development of innovative solutions for the sustainable development based in Blockchain technology.
2. The BCSD Sustainability Challenge will be sponsored by BCSD Portugal and its organization will be in charge of CIONET Portugal. Hence, BCSD Portugal will have as responsibility the launching of the challenge and its curation, and CIONET Portugal will be responsible for the development and logistics of the initiative.
3. The BCSD Sustainability Challenge will focus on **how a company can use Blockchain to make its supply chain more transparent and enable end consumers to monitor and choose products according to its carbon footprint.**

II. Objective of the Challenge

In the context of the Portuguese Blockchain Alliance and aiming to achieve its goals, the BCSD Sustainability Challenge stands for:

- a) The promotion of **innovation** in the scope of Blockchain technology in the Portuguese economic system;
- b) The creation of a space to **share knowledge** among all the interlocutors of the ecosystem created around the Portuguese Blockchain Alliance;
- c) The increasing of awareness among the Portuguese Blockchain Alliance ecosystem for the **business process changes** resulting from the use of Blockchain-based solutions;
- d) The generation of efficient solutions for the prosecution of the **sustainable development** agenda.

III. Participants categories

The BCSD Sustainability Challenge addresses a wide audience and is open to all respondents that correspond to any of the following categories of participants:

- a) Companies;
- b) Startups;
- c) Universities.

Regardless of the category of the participants – companies, startups or universities – the respondents should apply in **groups of two to eight people**. The groups can be composed of a set of partner entities as long as they belong to the same macro category public or private (example: either a group composed

of students from several universities or a group composed of two companies with complementary skills).

IV. Inscrição e requisitos

1. The participants of the BCSD Sustainability Challenge must submit their application through the Alliance's website (<https://all2bc.com>), completing all the mandatory fields below:

- a) Name of the group;
- b) Number of members of the group;
- c) Full name of the participants;
- d) Age of participants;
- e) Email of the participants;
- f) Occupation and/or position of the participants;
- g) Employer or university of the participants;
- h) Indication of the BCSD Sustainability Challenge as the selected challenge by the participants;
- i) Short clarification on the choice of the BCSD Sustainability Challenge and a short description on the idea for the proposed solution;
- j) If the selected challenge contemplates this option, the preferred Sandbox (a controlled environment for software testing) should be indicated in the context of the available options from the Portuguese Blockchain Alliance technological partners (as referred at the initiative's website).

2. For any question or additional information about the application process, contact info@all2bc.com.

V. Phases and process of selection of the challenge

The BCSD Sustainability Challenge consists of **three phases**:

I. Phase 1 (initial proposal and its evaluation)

At this first stage, the participating teams, constituted on the basis of the rules above, present a proposal for a Blockchain solution to be developed. This proposal is evaluated by CIONET Portugal and BCSD Portugal and may include some conversations with the teams in order to clarify doubts and make adjustments deemed necessary for the success of the proposal.

The proposal, to be submitted on the website or via email (info@all2bc.com), should consist of **a single document, limited to seven pages in the main body**. Attachments not exceeding 10 pages may be attached to this single document. The proposal should address the following themes:

- Solution's executive summary;
- Contribution to sustainable development;
- Solution's development process;
- Potential changes at the business model level;

- Final concept;
- Estimation of social, environmental and economic impacts;
- Attachments.

II. Phase 2 (solution development and team mentoring)

After the approval of the proposal by CIONET Portugal and BCSD Portugal, the team is continuing to develop the solution, which may include elements of mentoring by CIONET Portugal and BCSD Portugal. At this stage, the participants will focus on the practical demonstration of the solution. At this stage, two documents must be submitted:

- A document (with a maximum of 7 pages and an unlimited number of attachments, but not exceed 10 pages each) that answers the following topics:
 - Solution's executive summary;
 - Contribution to sustainable development;
 - Final solution;
 - Merit and evolution of the solution;
 - Potential of applicability;
 - Social, environmental and economic impacts;
 - Attachments;
- A powerpoint document to be presented to the selection jury, summarizing the proposed solution as well as the advantages and costs associated with its implementation, with a maximum of 15 slides.

III. Phase 3 – presenting the solution to a panel of judges

The last stage, before the jurors' decision on the most relevant solutions to meet the challenge proposed, is the oral presentation by one or more members of the team to the jury panel. The initial presentation by the team will last a maximum of 20 minutes, after which the jury will have 30 minutes to make questions to the participants.

VI. Deadlines and formats of the selection phases

I. Phase 1 (initial proposal and evaluation)

The registration period begins on April 23 and ends at 11:59 pm on **June 3, 2018**, during which time the application form will be open. All documents must be sent in PDF format and with a maximum of 5 Mb.

Between 4 and 20 June 2018, CIONET Portugal and BCSD Portugal will evaluate the applications received.

The teams will be informed by email about the validity of their application for the second stage until 11:59 pm on June 23, 2018.

Information about the teams going to the next stage will be made public the following day.

II. Phase 2 (solution Development and team mentoring)

The participants have until 11:59 pm on **September 14, 2018** to submit the documents corresponding to the second phase of the challenge. All documents must be sent in PDF format and with a maximum of 5 Mb.

The evaluation of the applications will run until October 5 and teams will be informed of their evaluation by 11:59 pm on October 9. Information on the teams moving to the next stage will be made public the following day.

III. Phase 3 – presenting the solution to a panel of judges

The presentations to the selection jury will take place between **September 29 and October 3, 2018**, at a time and place to be designated, and participants will be informed when communicating the phase 2 evaluation.

The order of the presentations will be randomly established.

Following the presentations, the jury will evaluate the solutions presented and deliberate on which will be considered finalists. By 11:59 pm on October 12, 2018, participants will be informed of the jury's decision via email.

Information on the teams moving to the next stage will be made public the following day.

The finalist teams will be entitled to present the proposed solution at the final conference that will be held in November 2018.

Videos or photographs are accepted only if contextualized in submitted documents. The videos must be on YouTube in unlisted format and with a maximum duration of 2 minutes. Photographs must be in JPEG format and have no more than 1 Mb.

Only documents submitted through the initiative's website or via email to info@all2bc.com will be counted.

VII. Criteria of analysis and evaluation

The projects will be evaluated according to the following criteria:

Phase I

- Concept (20%)
- Impact on sustainable development (30%)
- Feasibility (20%)
- Innovation (20%)
- Costs and economic benefits (10%)

Phase II

- Impact on sustainable development (35%)
- Innovation (10%)

- Feasibility (20%)
- Costs and economic benefits (20%)
- Scalability (15%)

Phase III

- Impact on sustainable development (25%)
- Innovation (10%)
- Feasibility (15%)
- Scalability (15%)
- Costs and economic benefits (15%)
- Presentation (20%)

VIII. Selection jury

1. The evaluation of the concept and demonstration is up to the Selection Jury.
2. The Selection Jury will be composed of elements of the following entities: CIONET Portugal, BCSD Portugal, and other members to be designated.
3. The decision of the Selection Jury is final and cannot be appealed.

IX. Rewards

- BCSD Portugal, as the sponsor of the challenge, will offer the following solutions to the final solutions:
 - Communication with the media and solution partners;
 - Communication on social networks of BCSD Portugal;
 - Presentation of solutions in business events;
 - Support in the contact with companies to present the solutions.

X. Personal Data Protection

1. For the purposes of the legislation on Protection of Personal Data, it is advised that personal data provided by the participants of this Challenge will be processed by CIONET PORTUGAL and BCSD PORTUGAL, as Managers for Treatment.

2. The treatment of personal data of the participants by CIONET PORTUGAL and BCSD PORTUGAL aims to (i) manage their participation in the challenge, (ii) to reward the participants with the best projects and (iii) to be compliant with legal obligations.

The processing of personal data for purposes (i) and (ii) is carried out based on the need to perform this challenge, in which the competitors participate voluntarily, and the non-provision of personal data makes it impossible for the competitor to participate in the challenge.

The processing of the data for the purpose (iii) is a legal obligation and is carried out based on its necessity for the fulfillment of legal obligations to which CIONET Portugal and BCSD PORTUGAL are subject.

4. CIONET PORTUGAL and/or BCSD PORTUGAL may contract third parties to provide logistical support or other administrative support (for example, parties that provide information technology). These parties may have access to personal data to the extent necessary to provide such services.

5. CIONET PORTUGAL and BCSD PORTUGAL as responsible for the treatment ensure the strict compliance with the confidentiality rules regarding the data made available by the participants.

6. The foregoing does not prevent the data subject from exercising his rights of access, rectification, deletion, limitation and opposition to the data treatment by sending an email to info@all2bc.com or by letter to the following address: CIONET Portugal - Avenida Luís Bivar, 73 - 2º D - 1050-142 Lisboa, proving its identity through its identification document or other suitable means of proof.

7. The data subject has the right to make a complaint to the personal data protection control authority (Comissão Nacional de Proteção de Dados – CNPD).

XI. Rights of personality

1. The participants hereby authorize CIONET PORTUGAL and the BCSD PORTUGAL to use their name and image in the context of their participation in the Challenge, through any means of reproduction, both electronic (Internet and similar) and non-electronic (in paper, photographs and others) for the maximum duration allowed by law.

2. The participants authorize the organizing entity CIONET PORTUGAL, the BCSD PORTUGAL and partners to develop audiovisual contents on the participants during the extent of the challenge and for the final conference. All audiovisual contents (photography and video) produced is owned by the organizing entity CIONET PORTUGAL / BCSD PORTUGAL.

3. The use and publication of the images and data of the interested party as a winner as set forth in these Regulation, neither generates nor grants repayment, payment of compensation or economic rights of any kind to the winner.

XII. Intellectual property

The ownership of intellectual property rights will, if development and contributions to the proposed solution justify it, is going to be defined by an agreement to be celebrated by both parties concerning the sharing of ownership and the benefits of its commercial exploitation.