

TN 2056 Challenge

Requirements Document

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01.

Introduction

The Tunisia 2056 Challenge (TN2056 Challenge) embodies the transformative vision for TSYP in its 12th edition, emphasizing collaboration among Tunisia Student Branches to tackle critical challenges facing Tunisia and envision its future by 2056 through the launch of innovative start-ups.

02.

Objectives

Facilitate collaboration among Tunisia Student Branches to propose innovative solutions for advancing Tunisia across three key domains: health tech, agritech, creative and cultural industries.

Forge partnerships with relevant associations and incubators to provide resources, mentorship, and support for participants in realizing their proposed solutions, including the necessary documents preparation for obtaining startup pre-label.

Focus the lights on our two main revolutionary concepts which are emphasizing sustainability and creating a balance between short-term and long-term impact activities.

Establish a well-tailored set of activities during the challenge which are going to be a set of multiple tasks. The purpose of these tasks is to maintain a good follow up of the SBs' advancements by their incubators and mentors.

03.

Scope

(technical and essential requirements)

The challenge will be exclusively open to Tunisia Student Branches, fostering a sense of ownership and responsibility among the student community.

Proposed solutions should address pressing issues within the specified domains, leveraging technology, creativity, and sustainability to drive positive change.

Activities will include ideation workshops, project development sessions, mentorship challenges, networking events, etc. This will provide diverse opportunities for engagement and collaboration.

The challenge's timeline will cover in order the following stages: Ideation, Business plan, Funding, Team recruiting, Legal studies, Persuading partners, Marketing, and finally Evaluation.

Collaboration with associations and incubators will offer participants access to expert guidance, industry insights, funding opportunities, and potential pathways for scaling their solutions.

The tasks list is specified in collaboration with incubators and associations.

04.

Deliverables

Participants are expected to deliver detailed proposals outlining their innovative solutions, supported by thorough research, feasibility analyses, and potential impact assessments.

Regular reporting of all challenge activities, workshops, meetings, and collaborations with partners, should be compiled and submitted within specific deadlines as part of the final report.

05.

Timeline

The challenge timeline will be divided into distinct phases, including:

- **Pre-Challenge Phase:** Announcement, promotion, and registration of participating Student Branches.
- **Main Challenge Phase:** Ideation workshops, project development sessions, mentorship programs, collaboration with partners.
- **Post-Challenge Phase:** Submission of proposals, evaluation period, finalists proposals selection, proposals pitching during the congress, announcement of winners, and distribution of awards.

Note: All the teams' members that have been pre-selected during the pre-challenge phase are encouraged to attend the TSYP12 congress since they are all invited to shoot a video summarizing their hard work during the challenge. All the videos will be played in the congress and shared over our social media accounts.

06.

Communication and Promotion

The challenge committee will ensure regular updates, reminders, and calls to action to keep participants informed and motivated to actively participate in the challenge activities.

The participants should utilize various communication channels, such as social media, and website updates to disseminate information and maintain ongoing engagement throughout the challenge.

07.

Participants Eligibility

The eligibility criteria for Student Branches wishing to participate include active IEEE membership (Undergraduate/ Graduate) Student and Young Professional.

There are limitations regarding the number of participants per Student Branch, allowing for one team per Student Branch to ensure equitable representation, with five members per team.

Each Student Branch may designate a maximum of two representatives, with at least one individual serving as an executive officer from the Student Branch board, preferably holding the position of SB chair:

- Communication during the initial and intermediate phases will primarily occur with the SB chairperson and the designated team representative.
- Flexibility is granted for Student Branches to adjust their designated representatives between the initial and subsequent phases of the challenge (post-challenge and main challenge), ensuring adaptability and continuity throughout the competition.
- If a team is selected to represent the student branch, its members must remain unchanged. Any modifications to the team will lead to disqualification from the challenge.

08.

Evaluation Process

- **Proposals Evaluation Aspects:**

All the challenge phases will be evaluated by a jury panel. The process mainly includes the following stages:

- **Project Idea Evaluation: (Pre-Challenge)**

Only one project per Student Branch will be accepted for evaluation, ensuring alignment with challenge guidelines.

In the scenario where multiple project ideas are submitted from the same Student Branch (SB), the selection process can indeed

Prioritize the idea with this challenge phase highest score after evaluation from the jury members.

- Project Development Evaluation: (Main Challenge)

Project development will be assessed based on specific criteria such as regular reporting, social media presence, and progress updates.

- Results and Presentation Evaluation: (Post-Challenge)

Proposals must be submitted before the congress and will undergo evaluation. Subsequently, during the congress challenge session, project results and presentations will be assessed by a jury panel comprising experts in the relevant fields. This ensures a comprehensive evaluation of the projects' impact and effectiveness.

• Scoring Methodology:

Each phase of the proposal will be scored using a predefined set of criteria, with assigned weights reflecting their importance in achieving the challenge objectives.

The selection of finalists, who will be invited to the pitching phase during the congress challenge session, will be based on the total score obtained from the three challenge phases.

• Conflict of Interest Resolution:

Procedures will be established to identify and address any conflicts of interest among panel members, ensuring impartiality and fairness in the evaluation process.

• Impartiality and Fairness:

Strict measures will be implemented to maintain impartiality and fairness throughout the evaluation process, including transparency in decision-making and adherence to predetermined evaluation criteria.

• Composition of Evaluation Panel:

The evaluation panel will consist of experts from relevant fields, including representatives from associations, incubators, and academia.

09.

Awards and Recognition

Each task completed by participants will be acknowledged through various awards, such as "Best Video," "Best Post," etc., to recognize outstanding contributions and efforts.

Participants' contributions will be recognized through a range of methods, including certificates, trophies, and public acknowledgment of achievements, ensuring that their dedication and accomplishments are celebrated and valued.

Every participating Student Branch will receive a score for their involvement and contributions, regardless of whether they advance to the finals or not.

For equity reasons, each category of the proposed sectors will have its own winners.

10.

Sustainability and Impact Assessment

Discuss strategies for assessing the sustainability and balancing between short-term and long-term impact of the proposed solutions which will go beyond the duration of the challenge.

Identify key performance indicators and metrics for measuring the effectiveness and scalability of solutions over time.

Focus on implementing the SDGs while working on the challenge's activities.

11.

Legal and Compliance Considerations

Address any legal and compliance considerations relevant to organizing and executing the submitted idea, such as data privacy regulations, liability waivers, and adherence to IEEE policies and guidelines.

12.

Conclusion

This document summarizes the key components and objectives of this challenge emphasizing the importance of adherence to the outlined guidelines and procedures.

TN 2056 Challenge

Join us in tackling the TN2056 challenge and be a part of shaping Tunisia's future!

Your innovative ideas and solutions can make a real difference. Best of luck to all participants.

We can't wait to see the transformative impact you'll create!