



CATEGORY

FINAL STAGE RULES

BAKU 2025

1.Introduction

1.1. General Information

H2GP (Horizon Hydrogen Grand Prix) is an international educational program based on designing and racing electric models using hydrogen fuel cells for school students and university students. These competitions aim to increase interest in STEM (Science, Technology, Engineering, and Mathematics) fields and develop students' technological knowledge and teamwork skills.

The program provides participants with the opportunity to explore hydrogen technologies, energy efficiency, and sustainable transportation. Competitors design, build, and test their hydrogen-powered models. The competition consists of various stages and is held at regional, national, and international levels.

1.2. Competition Objectives

- Providing students with in-depth knowledge about green energy and hydrogen technologies
- Gaining experience in STEM fields and developing technical skills
- Enhancing teamwork, problem-solving, and innovative thinking skills
- Understanding the importance of sustainable energy sources and finding solutions to real-world problems
- Encouraging students to engage in engineering and scientific research, fostering future inventors and engineers

2. Participation Requirements

2.1. Each team must consist of one team leader who is over 18 years old and four participants (students) aged between 13 and 17. Each participant may only join one team and participate in only one category.

2.2. A single team may only apply to one category. Applications from the same team or individuals to different categories of SAF-2025 will be considered invalid.

2.3. Participating teams are deemed to have accepted all the conditions stated in the rules and any changes made by the SAF-2025 Scientific Committee.

2.4. Team names participating in the International STEAM Azerbaijan Festival must not reflect political, religious, military, or conflict-related themes.

3. Business Plan

3.1. Below is the sequence for writing a business plan:

- Our Team
- Team Mission
- Team Vision
- What is H2GP? (The Hydrogen Grand Prix)
- Organizational Plan
- Why do we need sponsors?
- SWOT Analysis

- Marketing and Financial Strategy
- Action Plan and Risk Analysis

Explanations for Each Section:

- **Our Team**
This section should explain who is in the team, what values they represent, and what their primary goals are. The unique characteristics and distinguishing features of the team should be highlighted.
- **Team Mission**
This section should describe the long-term objectives of the team and which social and environmental issues they aim to address. The mission should reflect why the team exists and its core values.
- **Team Vision**
Here, the future aspirations of the team and the impact they aim to make should be explained. The vision should reflect the team's long-term goals.
- **What is H2GP? (The Hydrogen Grand Prix)**
This section should explain the essence of the H2GP competition, its objectives, and the skills it provides to students.
- **Organizational Plan**
This section should describe the team's management structure, key roles, and responsibilities of members.
- **Why do we need sponsors?**
This section should explain why sponsors are important and how their support will impact the team.
- **SWOT Analysis**
This section should analyze the strengths and weaknesses of the team, as well as the opportunities and risks they may face.
- **Marketing and Financial Strategy**
This section should provide information about the team's financial and marketing plan, strategies for attracting sponsors, and sources of revenue.
- **Action Plan and Risk Analysis**
Action Plan: This section should outline the monthly activities the team will engage in while preparing for the competition.
- **Risk Analysis:**
 - Financial risks
 - Technical issues
 - Internal team challenges

4. Attracting Sponsors

4.1. Attention Participants:

To ensure the growth of our team and successful participation in the H2GP competitions, sponsor support is crucial. Therefore, each team must secure at least one sponsor and establish collaboration with them. Sponsor support will not only provide financial assistance but also offer experience, mentorship, and networking opportunities.

Teams can use the following methods to find sponsors:

- Reaching out to companies in the education and technology sectors
- Establishing connections with local businesses and enterprises
- Seeking collaboration with organizations in the STEM and alternative energy sectors
- Promoting the team's activities on social media and other platforms

5. Dress Code

5.1. Attention Participants:

To ensure our team has a unified and professional appearance at the H2GP competitions, each participant must adhere to the designated dress code. This not only strengthens team spirit but also helps create a serious and well-organized image during the event.

5.2. Dress Code Rules:

- ✓ Uniform with the team logo
- ✓ Comfortable and tidy attire (sportswear)
- ✓ Closed-toe shoes (for safety)
- ✓ Team spirit accessories (optional, e.g., matching bracelets or caps)

5.3. Prohibited:

- ✗ Excessively bright or inappropriate clothing
- ✗ Offensive or inappropriate text and logos
- ✗ Open-toe shoes or clothing unsuitable for the competition environment

These rules are designed to ensure safety during the competition and present a unified and organized appearance for our team. Each team must comply with their dress code and come well-prepared for the event.

NOTE: If the organizing committee makes any amendments to the rules, the information will be published on <https://saf.steam.edu.az>.