

1. Only high school students may enter the competition.
2. The application must include: name of the organization (school), number of groups, e-mail contacts of the person, address of the organization, name and surname of the contact person and telephone number of the contact person.
3. The competition (including pre-competition) will include the first 15 high schools to apply.
4. Each notified body may apply for a minimum of 3 to a maximum of 5 groups. Each group consists of four students. The competition part is limited to 3 hours (135 min).
5. The competition consists of two parts:
 - a. **Part 1** is carried out at the individual notified body, where the groups of notified body are competing with each other. The top 8 groups that will get the highest number of pre-selection points will be placed in the H2FINALE final event (1. 4. 2019), which will take place at the International INTERCLIME ENERGY FAIR in Celje between March 31, 2020 and March 3, 2020 .
 - b. **Part 2** of H2FINALE takes place on April 1, 2020, in the morning at the INTERKLIM ENERGY FAIR. The competition will consist of ¼ finals, ½ finals and final billing. The groups play relegation.
6. The H2Student team takes care of the competitions:
 - a. The competition venue (Part 1) is provided by the notified organization
 - b. the final competition venue (H2FINALE) is provided by H2student
7. The names of the logged-in groups are selected by the groups themselves. they are determined by the organization of the notified group.
8. The promotion of individual groups, cheerleading attributes (banners, T-shirts and other attributes) is provided by the individual organization that has registered the groups.
9. The transportation and other costs of participation of supporters and groups are provided by the notified bodies themselves.

Institution-based competitions (Part 1) will be multi-faceted and will consist of:

 - lectures on modern hydrogen technologies,
 - hydrogen cell presentation, their function, electrolysis,
 - competition work (135 min).

The competition will include:

Step 1: Enrolled groups receive a LEGO set, propulsion motors, hydrogen calico and hydrogen.

Step 2: Groups assemble a car that incorporates all the elements of Step 1. The vehicle must be technically adequate and capable of driving with hydrogen and hydrogen propulsion motors. Groups design the car themselves at the end of the event.

Step 3: The teams end up moving on to each other on a pre-prepared training ground prepared by the H2Student team.

The H2FINALE competition will consist of:

- Competition work (no lecture) and covers the above 3 steps - plus an additional hidden mission at the individual levels of the competition.
- The hidden mission is determined by the expert committee one hour before the completion of each stage of the competition (1/4, ½, finals).
- The teams at the individual levels play in relegation (the number of points obtained by the expert commission and the ride on the polygon).

The organizer reserves the right to change the rules, but not after the start of competitions in Part 1.