



GIVING KIDS A REASON TO LOVE SCHOOL



THE TIME FOR HYDROGEN EDUCATION IS NOW!



○ OUR COMPANY

GLOBAL PROVIDER OF RENEWABLE
ENERGY EDUCATION KITS

ESTABLISHED

2011

CUSTOMERS

50 000

SCHOOLS

10 000

COUNTRIES

150

5 OFFICES

10+ YEARS EXPERIENCE

1 TEAM



Los Angeles **USA**

Lyon **FRANCE**

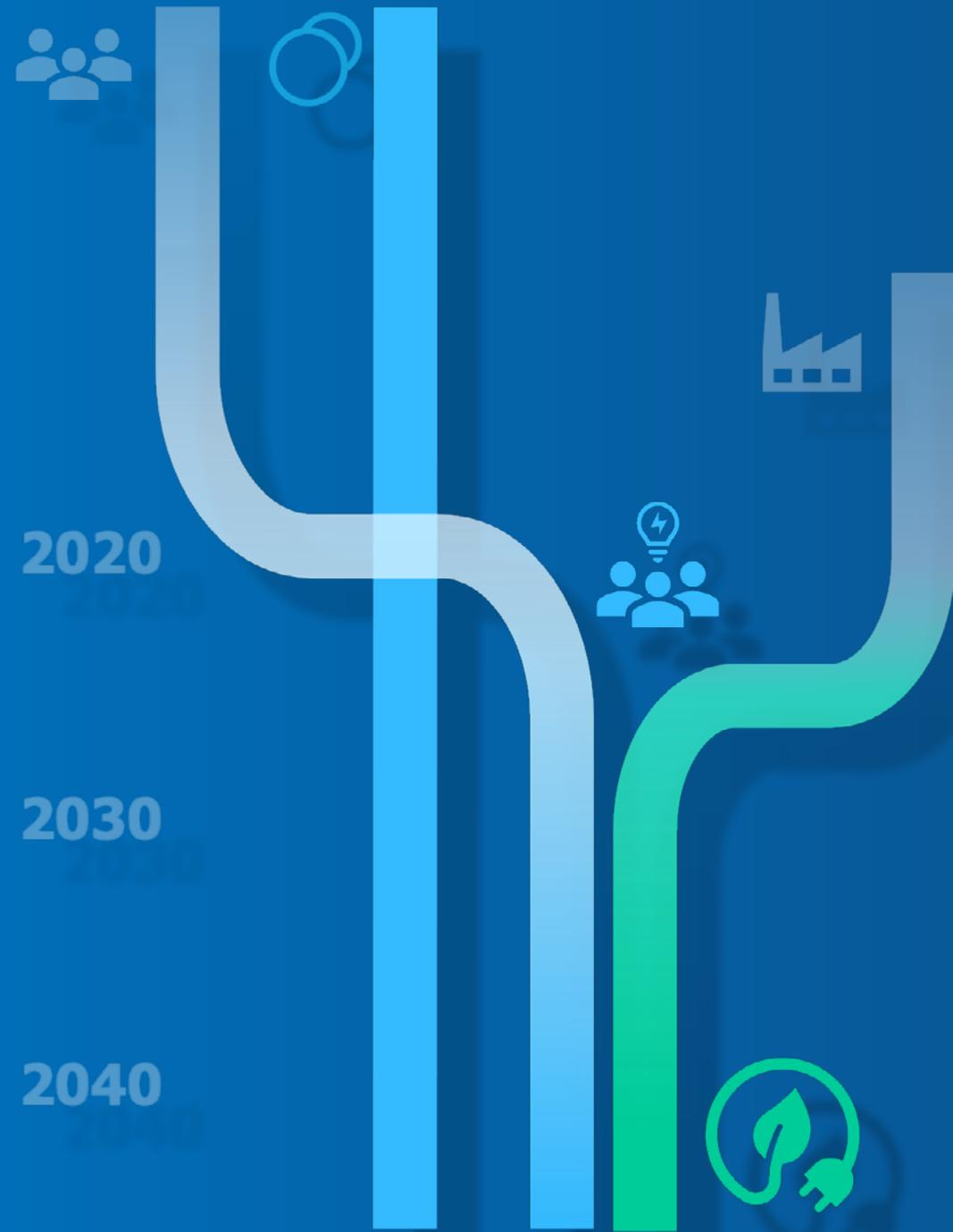
Berlin **GERMANY**

Prague **CZECH REPUBLIC**

Gold Coast **AUSTRALIA**

○ OUR MISSION

RELIABLE WORKFORCE FOR FUTURE CHALLENGES



RAISING AWARENESS AND CREATE MEANINGFUL LEARNING EXPERIENCES IN RENEWABLE ENERGY AND HYDROGEN FOR THE NEXT GENERATION.

In the upcoming decade, the world is becoming increasingly focused on shifting towards low-carbon energy sources, finding solutions to reduce our waste and CO2 emissions, and living a sustainable lifestyle.

Hydrogen is no longer seen naively as an ultimate solution but it's well

recognized as an indisputable tool during energy transition towards our global decarbonization goals.

This transition to clean energy sources is rightly seen as a new opportunity for industry and society which will however require a well-educated workforce and will be very demanding for current educational system.

THE TIME FOR HYDROGEN EDUCATION IS NOW!

OUR
SOLUTION

NEW TECHNOLOGY



I HEAR AND I FORGET.
I SEE AND I REMEMBER.
I DO AND I UNDERSTAND.



HORIZON EDUCATIONAL PROVIDES ENGAGING & FUN LEARNING OPPORTUNITIES THROUGH STEM KITS USED IN CLASSROOMS AND RENEWABLE ENERGY EDUCATIONAL PROGRAMS.

VALUED BY STUDENTS, TEACHERS AND PARENTS IS THE SIGNATURE PROGRAM, HORIZON HYDROGEN GRAND PRIX (H2GP), FROM WHICH THE WHOLE SERIES HAS DEVELOPED.

LEARNING
THROUGH
EXPERIENCE

OWN SOLUTION





4-8

MONTH OF PREPARATION

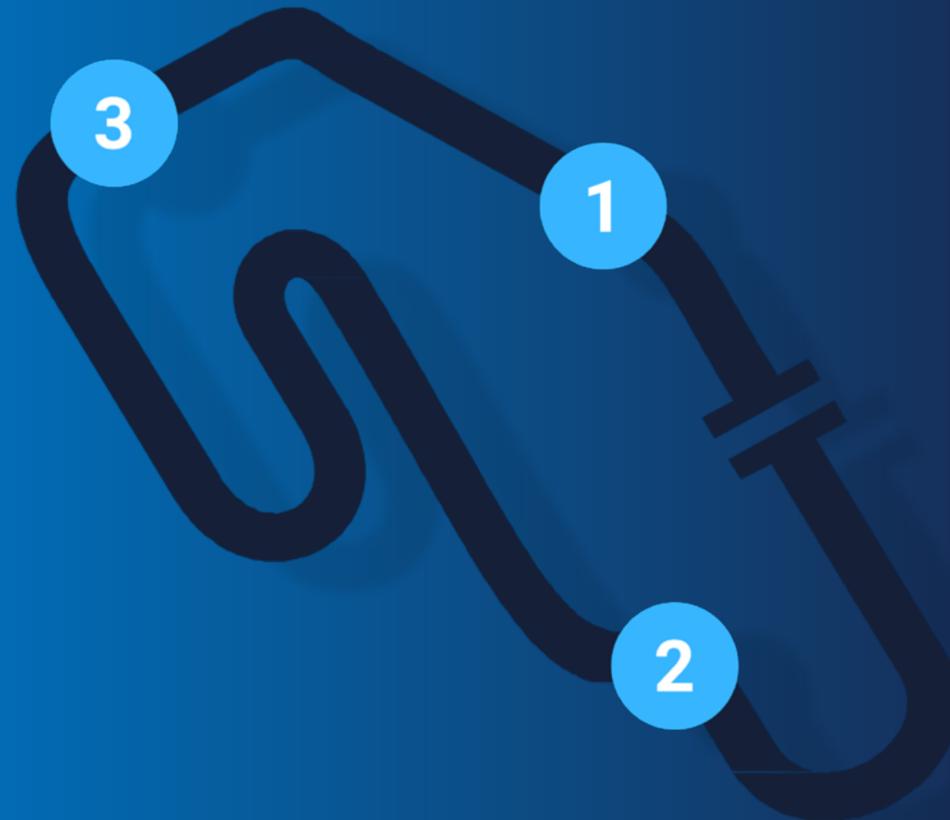
4-6

HOUR ENDURANCE RACE

LIFELONG

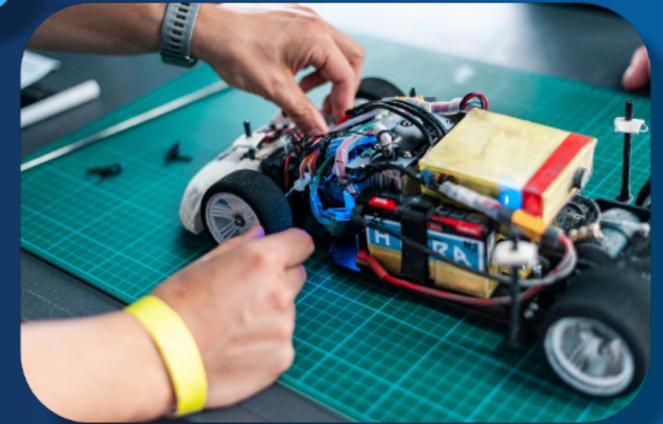
EXPERIENCE

H2GP PRO IS A SERIES OF INTERNATIONAL STUDENT RACES.



DESIGN – BUILD – RACE

1 BUILD



2 IMPROVE

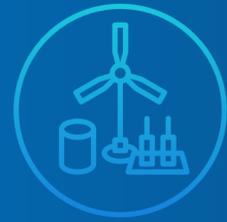


3 COMPETE





BUILD – MEASURE – IMPROVE – COMPETE



Build skills for a technologically-adept 21st century workforce



Encourage critical thinking, collaborative problem-solving, and higher order thinking skills in STEAM disciplines



Increase student's awareness of global climate change and the current stage of renewable energy technology its advantages and its future



HYDROGEN ENERGY AND
HYDROGEN FUEL CELLS

HORIZON EDUCATIONAL HARDWARE
CURRICULUM AND VIDEO SUPPORT



RACE DAY IN STUDENT'S SHOES



○ AT THE RACE DAY



9:00 TECHNICAL INSPECTION

H2GP USES UNIFIED RULES ACROSS THE WORLD

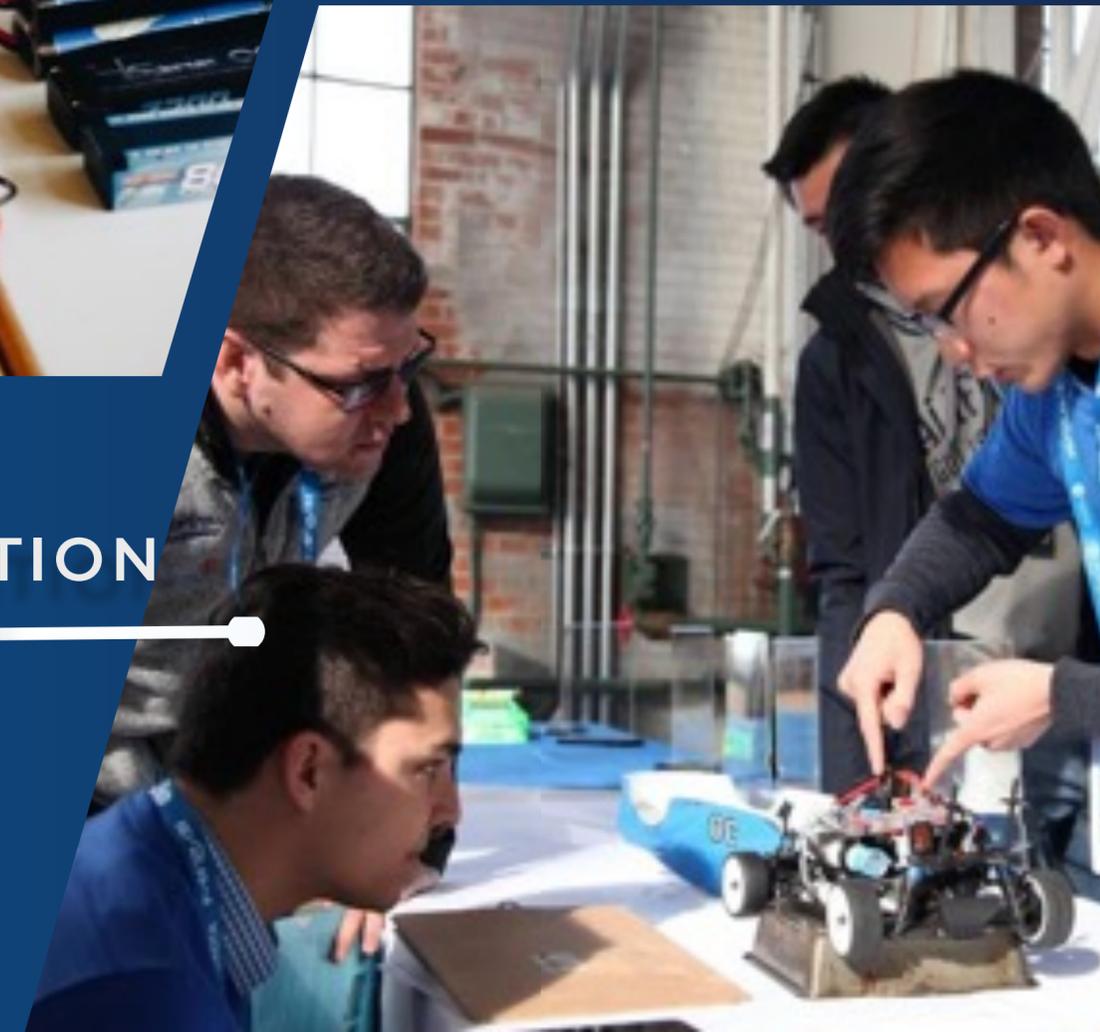


9:15 BATTERY & HYDROSTIK

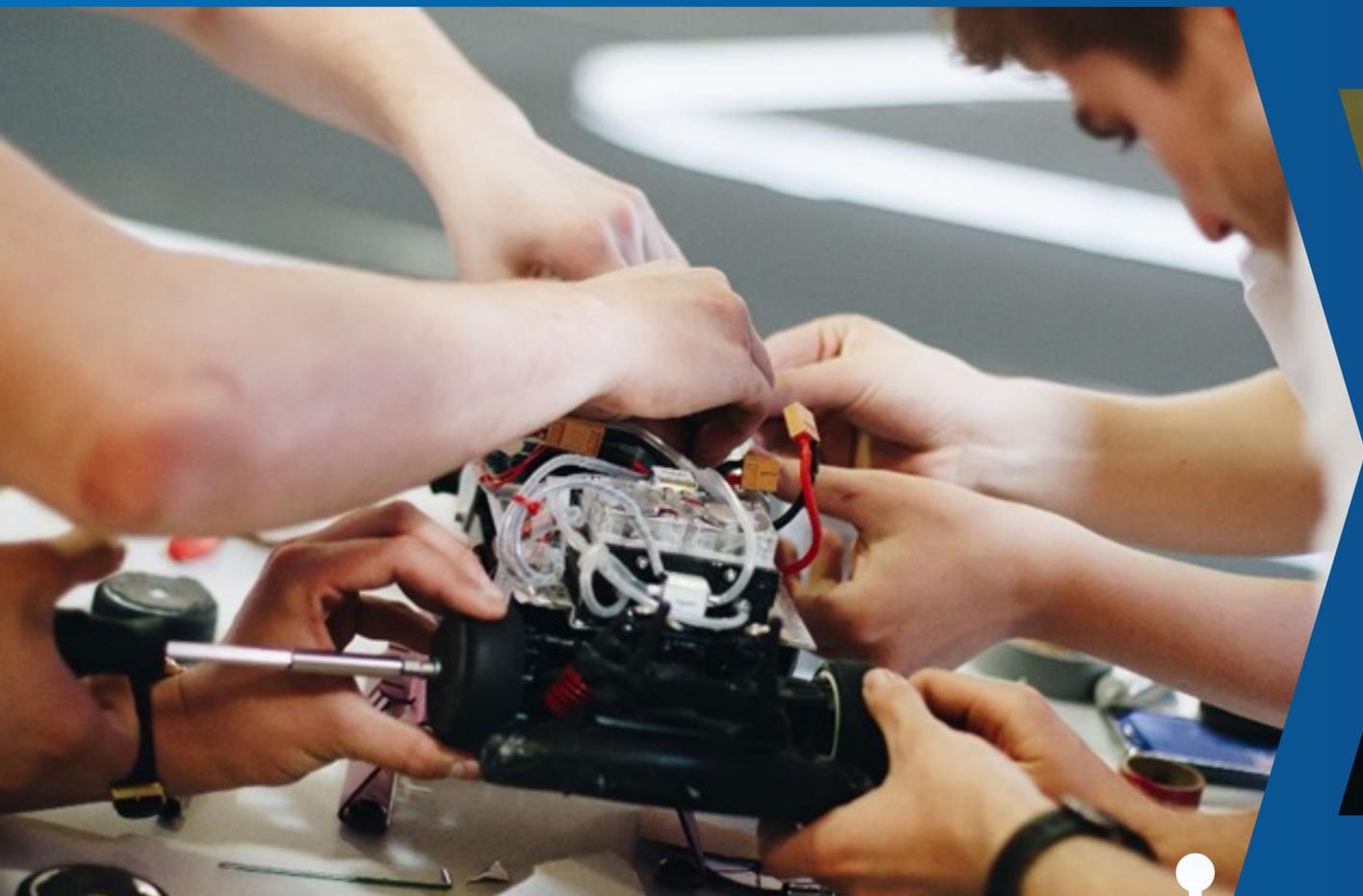
THE SAME AMOUNT OF ENERGY FOR ALL TEAMS

9:35 TEAM PRESENTATION

EVERY TEAM BRIEFLY EXPLAINS THEIR SOLUTION TO THE JURY

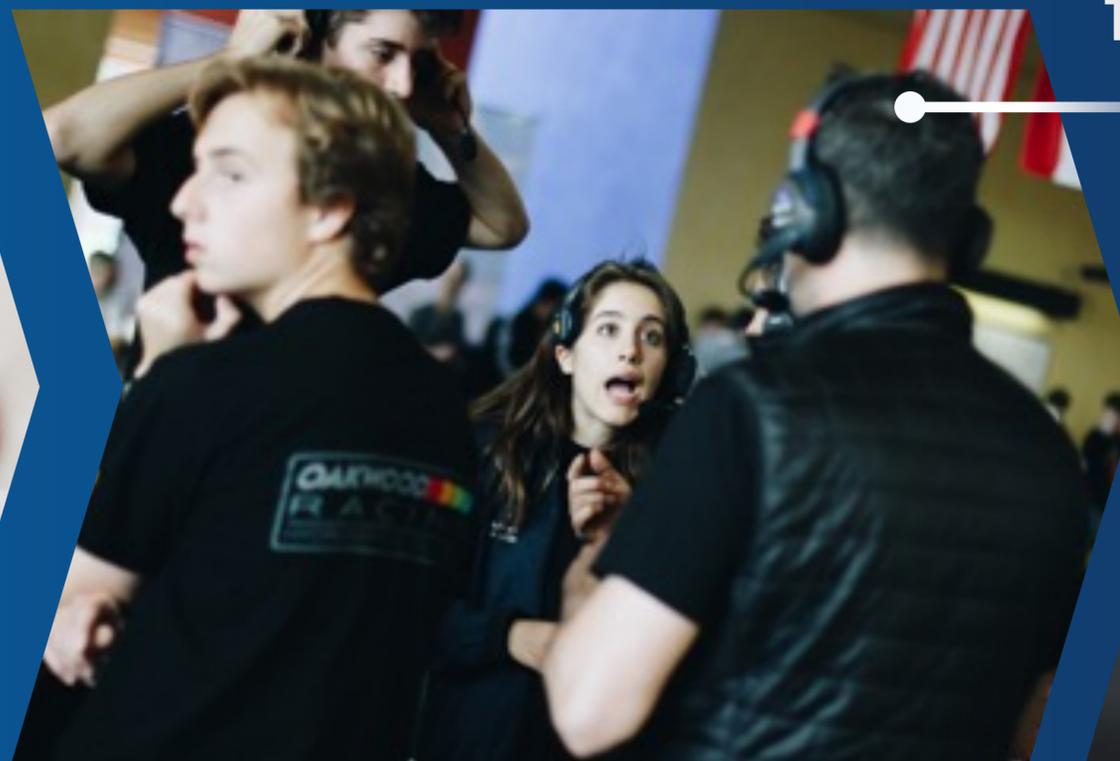


○ AT THE RACE DAY



11:27 TEAMWORK

BATTERY OVERHEAT
- STUDENTS MUST IMPROVISE,
FIND A SOLUTION FAST
AND OWN THE CONSEQUENCES



12:01 DRIVING SKILLS

EVEN THE BEST MECHANICS
CANNOT WIN WITHOUT
A SKILLFUL DRIVER

14:36 STRATEGY

DURING THE ENDURANCE
RACE, LONG-TERM
STRATEGY PAYS OFF



○ A DAY OF THE STUDENT PARTICIPANT AT THE RACE



17:00 AWARD CEREMONY

ENDURANCE
ENERGY
INNOVATION
DESIGN
PIT-STOP



100% OF STUDENT PARTICIPANTS, WINNERS OR LOSERS, REPORT THE H2GP AS AN AMAZING EXPERIENCE AND WANT TO RACE AGAIN NEXT YEAR.

○ JOIN THE COMMUNITY

12

COUNTRIES

300

TEAMS

3 000

STUDENTS

THE ONLY ONE HYDROGEN COMPETITION

Since 2015, H2GP has grown significantly, engaging more than 3000 students worldwide. Our program maintained strong interest in the community even during the recent pandemic.



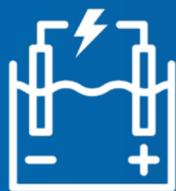
ARE YOU WITH US?

ENGAGING STUDENTS



8+ YEARS

ELECTROLYZERS INSTALLED



3 100



Horizon Fuel Cell Americas, Inc

h2gp@horizoneducational.com

www.h2grandprix.com

THE TIME FOR HYDROGEN EDUCATION IS NOW!

HYDROGEN PRODUCED



100 000
LITERS

CO2 EMISSIONS



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