4th European 24 Hour Hydrogen Challenge
Across Europe, 16-17.05.2019
An interactive strategic game driving 24 hours in an FCEV through Europe
What is the 24h Hydrogen Challenge?

- The 24 hour Hydrogen Challenge is a **custom made interactive strategic game** driving 24 hours in an FCEV through Europe.

- Teams **investigate the possibilities and challenges of driving and fuelling a hydrogen vehicle**, and communicate about it through individual channels and with #24H2C2019.

- **To win** the game you must **accumulate the most points** by using both your teams planning and driving skills and also your creative skills.

- After the race you will find that it was truly an adventure, and that you are now an experienced FCEV driver.

“We intend to reach the general public and also potential front runners/users in the hydrogen field, by creating FUN experiences that go far beyond just driving Hydrogen Electric”

Arjan de Putter & Bastiaan du Pré

[www.waterstofchallenge.nl](http://www.waterstofchallenge.nl)
[www.hydrogenchallenge.eu](http://www.hydrogenchallenge.eu)
[www.wasserstoffchallenge.de](http://www.wasserstoffchallenge.de)
Aftermovie Challenge #3 (September 2018)
(4:42) with English: subs: https://youtu.be/qnji_DTYB4c
(9:45) with English subs: https://www.youtube.com/watch?v=05udQimZVVI
How does it work?

- Teams of 3 to 4 persons will drive **24 hours in a FCEV through Europe.**
- Each team formulates its own strategy to collect the most points.
  - Teams will need **planning & driving skills:**
    - 1 point per kilometer
    - 50 points per hydrogen refuelling station (HRS) visited
    - 50 points penalty for using an HRS for second time
    - 150 points per country visited
    - X points for visiting Landmarks
  - Teams will need **creative skills:**
    - Write the best shore story
    - Make the most funny photo
    - Plant a flag where no FCEV has gone before
    - Make a small movie

- The team with the most points accumulated within 24 hours wins, provided it reached the finish on time!

- The final RULEBOOK will be provided one week before the Challenge.
Live Tracking

This smart app* ElektriciTijdrit.nl makes the challenge an interactive experience:

• Teams, friends and family can track all vehicles live;
• Take pictures to prove your results through the App
• Track and catch the “Fox”
THIS YEAR: TWO START & FINISH LOCATIONS!

BELGIUM: Hosted by Hydrogen Europe

Information meeting on: TBD
Hydrogen Europe
Avenue de la Toison d' Or 56- 60
BE-1060 Brussels

NETHERLANDS: Hosted by Van der Linden Groep

Information meeting on: 17.04.2019, 20:00-21:30
Infram
Amersfoortseweg 9
NL-Maarn
1. Taking on the Challenge together!

• This hydrogen challenge was created by WaterstofWerkt.nl en E-xpeditie.nl (the organisation), with the purpose of generating attention on hydrogen as a fuel.

• This 4th Challenge, there are two Start & Finish locations
  Netherlands: Waddinxveen, hosted by VanderLindenGroep
  Belgium: Brussels, hosted by Hydrogen Europe

• It is not about FCEV vs BEV but about transition from fossil to zero emission. It is all about the FUN and discovering the possibilities and challenges for hydrogen-electric driving in Europe.

• Everyone is welcome to register, the organisation reserves the right to deny participation.

• If you have no vehicle or no team, we will try and match you as needed. We give no guarantees – but we also do not charge for the matching process, and if we fail you will get a full refund of your money.
2. Fees, Costs, Deposits and Personal Information

- **You can sign up as an individual** (€ 250, incl. VAT) or **as a group** (€ 1.815, incl. VAT). There is a discount for organisations that enter more than one team, and a **discount for teams that are member of Hydrogen Europe** (€ 1.111, incl. VAT).

- The organization will provide each team with a smartphone with tracking app. For this teams pay a deposit of € 100, which will be fully repaid upon returning the phone.

- **Optional**: the organization can can provide a set of fuel cards that allow you to refuel in Denmark, Germany and some refueling stations in the Benelux (in Switzerland and Austria you can pay with a debit or credit card). For the fuel cards that we provide you, you will pay a deposit of € 250. The deposit will be settled afterwards with the actual costs. 10 refuellings will cost about € 500.

- The organization would like to use your personal information (name, phone number, email) to stay in touch both during and after the Challenge.

- A list of teams including names of contestants will be publicized.

- Phone numbers will be used to form WhatsApp groups with teams and organization, and for at least one team member a general app group with all teams.
3. Safety is paramount

• It is not about speed. This is not a race.
• All participants partake at their own risk.
• The owner of the vehicle will ensure the vehicle is fit to drive, is legally allowed on the road and is insured.
• Teams consist of at least 3 or maybe 4 persons, each with a valid drivers licence.
• Contestants will ensure that they are in good shape and well rested.
• Contestants will adhere to all traffic regulations and will not commit serious traffic offences.
• Every contestant will drive no more than ~ 8 hours during the challenge.
• The hind seat is the resting place. The navigator functions as active support for the driver.
4. Team matching

• It is not for everybody, but some teams are open to, or in need of, taking on an outside driver. We will introduce people on the basis of first come first served (based on registration), and allow both parties to ‘claim’ no match. Then we introduce the next individual driver, or next team. If we are not able to get a match for the individual driver, we will refund the registration 100%. If you sign up as a team with free seat, we will only proceed to give a discount after you confirm an individual match is made.

5. Car matching

• We are not a travel or a rental company, we just organise a great game about hydrogen. We do mediate between those seeking a vehicle and those offering one. We give no guarantees – but we also do not charge for the matching process.

• For teams without a car, we try and mediate with organizations that want to make a car available. Sometimes the owner will charge for use of the vehicle. Costs may vary, take into account a post of € 500-750 ex VAT.
6. The challenge has the following additional rules:

• Start and finish are at the same location. Teams have to return latest in the 25th hour of the challenge – to compete.

• Teams will get points according to the RULEBOOK which will be communicated latest one week before start.

• The organisation will provide each team with a smart phone app to track location and speed, and register photo’s for various assignments. Each team will make sure this smartphone is connected to a charger at all times.

• The location and speed of each team will be broadcast live on a website.
SAFETY FIRST!

• Do not forget this is not a race.
• Please do contribute to an atmosphere where everyone can address safety issues, and nobody has to.
• Please take into account your and your teams mental state (H.A.L.T.):
  • “Hungry”: make sure you eat and drink regularly and healthy
  • “Angry” (or stressed): please relax, this is fun.
  • “Late”: you are in a challenge, not a race. If arriving on time is that important to you, make sure to take that into account in your strategy.
  • “Tired”: you will get tired during this challenge. So take it from experience: take your rest while you can (tip: make a schedule!)
Where to refuel?

- H2.LIVE app in AppStore or online https://h2.live/en

- Information for Great Britain? Arjan de Putter info@e-xpeditie.nl

- Refuelling Instruction https://vimeo.com/277980032

Plant a Challenge flag where no FCEV has ever gone before!
Any Questions? Feedback?

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