

EAGE Minus Co2 Challenge

Rules and procedures

1. Introduction

Each participating university will have a multi-disciplinary team of full-time geoscience and petroleum engineering students, with a maximum of one PhD student per team. After the first round, 10 teams will be selected and will be required to analyze and propose a MINUS. They will have the opportunity to analyze the dataset and propose a low-carbon field development plan of a discovered hydrocarbon resource. Out of all teams, the best three will be selected to present their MINUS CO₂ field development plan at the 81st EAGE Conference & Exhibition, held on 2 June 2019 in London, UK. Each university team will have the same sponsored dataset to work with.

Teams can consist of full-time students from some or all of the following disciplines:

- Geophysics
- Geology
- Petrophysics
- Reservoir engineering
- Production engineering
- Petroleum economics
- Petroleum Engineering

2. Participation

- Any academic institution with a Geoscience and/or Petroleum/Reservoir Engineering Degree or Post Graduate programme may participate in the Minus CO₂ Challenge.

- A team of three to five students should analyze and work on a MINUS CO₂ Development Plan

A maximum of three students is allowed to present the MINUS CO₂ Development Plan to, and answer questions of, an expert jury.

- Only the three presenting students will receive travel grants for EAGE's Conference & Exhibition.

- Bachelor, as well as Master students, may participate in the challenge. A maximum of one Ph.D. student per team will be allowed.

- The expert jury will take the level of the students into consideration in the judging process for both the essay competition and the MINUS CO₂ Development plan.

- More than one team of an academic institute is allowed to participate in the Minus CO₂ Challenge. To protect the quality of the assignment submissions, it is advised that a faculty member coordinates the applications within his/her academic institute.

- A Minus CO2 Challenge team may consist of students from several academic institutes, but can only represent one. The academic institute of the team's faculty advisor is leading.

The faculty advisor is responsible for the maintenance of the rules and procedures of the Minus CO2 Challenge.

The role of the faculty advisor is to advise only.

Every participating student team needs to be confirmed and approved by the faculty advisor.

3. Withdrawal of team

If a university decides to withdraw the Minus CO2 Challenge team from the competition no penalty will be considered in case the dataset was not yet sent to the university. If the team withdraws from the competition after the dataset was made available, EAGE and the dataset providing company may decide on a penalty depending on the reasons for withdrawal.

4. Plagiarism

- All applications as well as MINUS CO2 Development Plans will be checked for plagiarism. Therefore every student and faculty advisor should be aware of what plagiarism is and how to avoid it.
- A Minus CO2 Challenge team must always give credit in case of using another person's ideas, opinions, theories, statistics, drawings, etc. (one example to acknowledge the work of others is to use quotation marks "... " where any published text is copied directly).
- When submitting the Minus CO2 Challenge prospective evaluation, and thus entering the Minus CO2 Challenge competition, a Minus CO2 Challenge team should sign the 'Declaration of Academic Integrity'.
- EAGE takes plagiarism very seriously. Therefore, if the Minus CO2 Challenge essay after careful review, examination, and consideration, is rejected on the basis of plagiarism, ALL team members, and not only the authors, will be denied the opportunity for further participation in the Minus CO2 Challenge.

5. Datasets

- Without the confirmation of EAGE and dataset provider, the work of the students, as well as the dataset itself, must remain within the walls of the represented university (host).

- No part of the dataset may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission of the dataset provider. Violation of this rule will result in a university declared ineligible for the Minus CO2 Challenge for two years.
- The MINUS CO2 Development plan, or parts of it, cannot be presented to any person/company, apart from the Faculty Advisor only as a rehearsal, and the Minus CO2 Challenge jury at the EAGE Conference & Exhibition.
- If a university withdraws from the competition, datasets and software should be removed from the computer systems. The Faculty Advisor should confirm this per e-mail to EAGE.
- After completion of the Minus CO2 Challenge, the dataset must be removed from the computer systems. The Faculty Advisor should confirm this per e-mail to EAGE.

6. Consultancy

- All students must present only their own work or the work of the team members in their presentations. Universities that include work of others (fellow students, professors or other industry professionals) shall be disqualified from the Minus CO2 Challenge.
- Teams may invite a maximum of two industry professionals as consultants to provide mentorship on analysis and presentation, and only after approval of the Minus CO2 Challenge committee.
- Only the team of three to five students should do the actual work. If fellow students, consultants or the faculty advisor would perform the work of the student, the team will be disqualified.
- Consultants should not advise more than one hour a week.

7. Prizes

- Ten finalist teams will be chosen from the first round round and will receive the dataset to work on a Minus CO2 Development Plan.
- Based on a second round review three of ten finalists will be invited to EAGE's annual meeting and receive travel funding for the three presenting students, for a return flight and five nights of accommodation-only hotel costs, for all three team members, based on hostel averages in the host city.
- Participant acknowledges and assumes all the risks that can be faced in an international travel. EAGE suggests buying the own travel insurance that can assurance any assistance in case the participant needs.
- Teams will receive an e-mail beforehand with information about the exact amount of their travel grant.

- The finalist teams will receive a certificate of attendance after the final presentations in London, United Kingdom .
- The winning team of the Minus CO2 Challenge will receive 1.500 Euros and a prize that will really boost their careers; a privileged visit to Equinor company