

Go Carbon Neutral! Transportation Challenge Fact Sheet for Potential Mentors

Thank you for your initial interest in the Go Carbon Neutral! Transportation Challenge. The purpose of this fact sheet is to inform you of the benefits and expectations of participating as a mentor. Please review the following carefully to determine if it's a good fit for you!

BENEFITS FOR MENTORS

- Expanded professional network as you meet other mentors from across the country
- Improved mentoring and leadership skills as we create a platform and assets for you to connect with young professionals
- Improved science communication skills

PROGRAM IMPLEMENTATION

- **Program Duration:** March 5-April 22, 2021
- **Expected Time Investment for Mentors:** 1-1.5 hours per week to prepare, meet and recap discussion and action items for your Mentees

WHAT IS THE GO CARBON NEUTRAL! TRANSPORTATION CHALLENGE?

The Museum of Science, Boston firmly believes that to achieve the goal of carbon neutrality, the scientific community must broaden our perspectives and include diverse and fresh voices from future STEM professionals. To that end, the Museum is proud to partner with General Motors, as well as the Museum of Life + Science and the Lawrence Hall of Science, to connect with ambitious STEM students. Applicants will choose a transportation challenge and propose a strategy and/or solution, and finalists will present their ideas in a video presentation hosted on the Museum of Science, Boston's webpage. Winners will receive cash prizes, and opportunities to promote their work within the STEM community.

WHAT YOU CAN EXPECT FROM THE MENTEES

Mentees will have already prepared an infrastructure-related, climate change mitigation proposal, and will require assistance crafting their initial idea into a well-rounded, thoroughly considered, and easily explained proposal to present to the public, a judging panel, and/or a theoretical investor. Your Mentees are expected to actively prepare and participate in your discussions. The Mentee is expected to be a curious, active learner and to be open to sharing their project goals, successes, and failures, and to receiving feedback and advice. Mentee Teams consist of 1-4 team members.

RESPONSIBILITIES OF MENTORS

- **Time commitment:** This program will require approximately 1-1.5 hours per week to review content and conduct virtual calls with your circle. Look at your existing time commitments and evaluate if you can spare the time.
- **Trustworthy:** The issues discussed during these partnership sessions must be treated in the strictest of confidence and therefore the Mentee needs to believe that they can trust you.
- **Generous and Humble:** Generous in sharing experiences / expertise / networking. Demonstrate humility to stay open to new perspectives and learn from your Learning partners.
- Attend an hour-long introductory webinar prior to program launch
- During the **Semi-finalist Phase (March 5-March 26):**
 - Prepare a profile clearly outlining your areas of expertise and specialties
 - Manage inquiries from competitors in a timely manner
 - Schedule and commit to meeting with interested teams virtually for at least one hour-long session.
- During the **Finalist Phase (March 31-April 16):**
 - If paired with a finalist team, commit to meeting at least twice a week for 30-minute sessions
 - Provide feedback to resources presented by your team
 - Encourage your team to expand the breadth and depth of their proposal, particularly given feedback from the semi-finalist judges
- Record feedback and suggestions for your Mentee in the platform, if you feel it will be helpful to them.
- Be prepared to give your Mentees action items identified during your conversations and follow up in your next meeting