

## ESPC 2018 - Ottawa (Ontario)



### Aidan Mundle

#### Small Engine Carbon Capture

**Défi:** Environnement

**Catégorie:** Sénior

**Région:** Quinte

**Ville:** Napanee, ON

**École:** Albert College

**Sommaire:** Small engines are polluting surprising amounts of carbon dioxide into the atmosphere. In this project, a chemical reaction was used to reduce carbon dioxide emissions from small four-stroke engines by 42%. Two prototypes were built to address the issue of carbon dioxide emissions, both using common materials.

#### Biographie

Hello! My name is Aidan Mundle. I am an 11th-grade student at Albert College, in Belleville Ontario. I play three instruments and love to be outdoors. I participate in many outdoor education programs and have numerous canoeing and kayaking certifications, as well as wilderness first aid qualifications. I came up with the idea for this project at an entrepreneurial think tank called SHAD, where I was given the challenge of finding a way to reduce Canadian's carbon footprint. I did some research and found the statistics that provided the drive for this project. I plan to market this innovation in the future and to bring it to greater heights using the advice that I collect at this fair. I would advise other students to stick with their project even if it looks like it might fail. They should change a few things, and try again.

#### Prix

#### Valeur

Prix d'excellence - Senior - Médaille de bronze Commanditaire: Sciences jeunesse Canada	
Bourses de l'Université Carleton Médaille de bronze, sénior - Bourse d'admission de 1 000 \$ Commanditaire: Université Carleton	1 000,00 \$
Bourse d'admission de l'Université d'Ottawa Médaille de bronze, sénior ? Bourse d'admission de 1 000 \$ Commanditaire: Université d'Ottawa	1 000,00 \$
Bourse d'études de Western University Médaille de bronze - Bourse d'admission de 1 000 \$ Commanditaire: Université Western	1 000,00 \$
Total	3 000,00 \$