

<b>ACADEMIC INSTITUTION</b>	Mount Allison University	<b>PROJECT NAME</b>	Textbook Osmosis & Enviroot
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**NEED AND AUDIENCE**

1.) Textbook Osmosis is using an entrepreneurial perspective to provide a solution to the perturbing issue of student inaccessibility to educational resources and the rise in textbook waste going to landfills. Textbook Osmosis’s main audience is university students because of the need for more accessible affordable educational resources.

2.) Enviroot is developing environmentally friendly products from orange peels like malleable and durable bulletin boards to reduce the use of bulletin (particleboards) which contains the dangerous chemical formaldehyde which can cause adverse health effects. Enviroot aims to work with orange juice manufacturers to up-cycle orange peel waste and market our particleboard technology to construction companies across Canada.

**ACTION TAKEN**

1.) Textbook Osmosis: We conducted a survey in which we were able to gain information and insights on the challenges faced by students and the variability. After conducting the survey, we recycled old books to give room for current book donation by setting up textbook donation boxes across campus. We also hired two student interns and created a software application with coaching and mentorship from a developer from Bell Canada that tracks our inventory of books and provides a user interface where students can buy education materials at affordable prices.

2.) Enviroot: We hired 2 Chemistry and Biochemistry students to train them on research practices and entrepreneurial skills. The research assistants experimented with various samples of particle boards and created a sturdy prototype of orange peel particleboards. We partnered with the Facilities Management at our University to divert orange peel waste from our campus dining service.

**IMPACT**

1.) Textbook Osmosis: We have donated 851 textbooks to Textbooks for Change, an organization that promotes financial literacy and recycled 275 textbooks. We have also hired 2 software developer interns from Mount Allison, who received mentorship from a software developer from Bell Canada and were able to create a software application that tracks our books inventory with a great user interface, from which students can buy educational materials at affordable prices. We hired a student Operations Manager to manage customer orders, emails, and partnerships. We have also donated a total of \$1000 to assist people with intellectual disabilities and tutored elders in New Brunswick to gain basic mathematics and literacy skills. Through our donations, we have created an impact on up to 1500 students through our partner organization by providing them access to educational resources. We educated 11 students on financial education and indirectly impacted 300 at-risk individuals, and we raised \$9,400 from reselling textbooks to students, Enactus project accelerators from Northbridge, and the TD Ignite grant.

2.) Enviroot: We directly impacted 7 students through our project.

**STANDARD METRICS**

(These metrics are related only to the project presented and represent work done since March 1, 2021)

Number of businesses started	1	The number of existing entrepreneurs helped	3
Number of people exposed to entrepreneurship	9	Number of jobs created	6

<b>PROJECT START DATE</b>	2016	<b>IS THIS PROJECT WHOLLY-OWNED AND OPERATED BY THE TEAM?</b>	Yes
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