

PROGRESS REPORT

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Overview



Background



Problem Definition



Methods



Timeline



Work Completed



Difficulties/Challenges



Work Remaining



Expected Outcome



Client Context



The majority of plastics in Uvic's landfill waste are single-use.



The amount of plastics in the landfill will drastically increase due to policy changes.



The waste reduction team is working to achieve its sustainability goals.

Problem Definition

Need Statement

The University of Victoria lacks an education program that teaches the community about recycling and waste reduction.

Goal

Investigate the feasibility of implementing an educational program at Uvic that will inform the campus community about recycling and waste reduction.



Problem Definition



Objective

Teach the campus community about recycling and waste reduction techniques.

Contrains

- Five-year payback period
- \$100,000 budget

Problem Definition



Benefits

- Increase community awareness and participation
- Reduce contamination rate
- Reach sustainability goals

Methodology

Mandatory vs optional education, which is more effective?

Online research

Are methods deployed by other institutions feasible for UVic?

Online research

Can we educate the whole campus or should we focus on residence?

Survey

What aspects of recycling do people have issues with?

Survey

Are there any issues with the current on-campus garbage sorting system?

Survey

Is educating people enough to make a substantial effect on the current condition?

Survey

What sort of education system to implement: face to face or online?



Timeline



Work Completed



SURVEY

8th Nov – 18th Nov

- + Delivered the questionnaires online via Google form
- + Collected and analyzed the data

Recycling habits

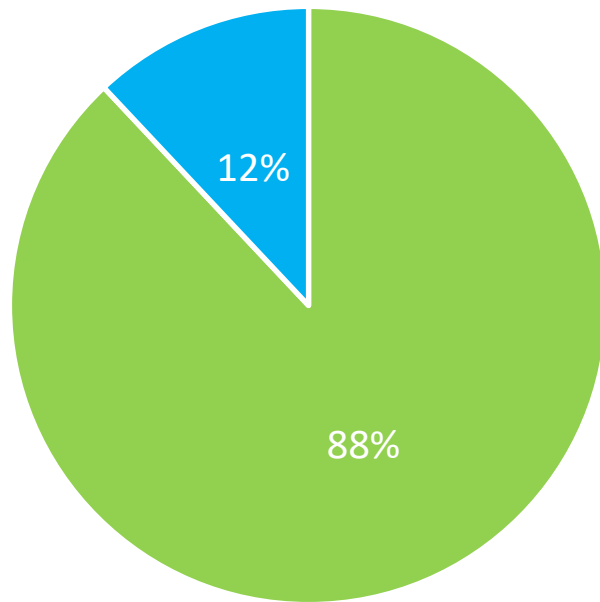
Test on understanding

Education

Work Completed

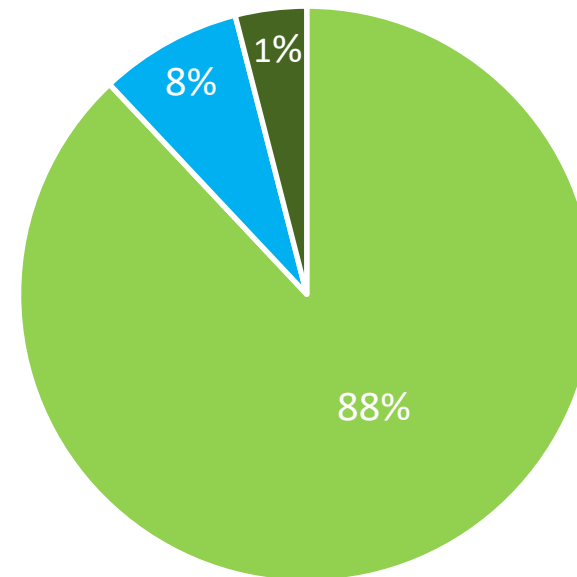
+ Data of the survey (updated on 15th Nov)

Do you recycle at Uvic?



■ Yes ■ No

Do you think it is reasonable for students in UVic residences to know how to recycle before being offered a room?



■ Yes ■ No ■ Other

Work Completed

FEASIBILITY REPORT



Introduction



Methodology



Problems/Challenges



Biased results since the majority of people surveyed are aware of the problem



Delay in survey being administered to students



Difficulty scheduling meeting times around everyone's busy schedules

Work Remaining

Analyze data

17th Nov – 25th Nov

Organize and categorize data from the survey & interview



01

Research education solutions

15th Nov – 30th Nov

Research techniques to effectively educate large groups of people and research other institutions' techniques to solve similar problems



02

03

04

05

Draft report

10th Nov – 6th Dec

Complete feasibility report: result, recommendations and conclusion about education plan



Target areas of improvement

20th Nov – 25th Nov

Determine students' missing knowledge and areas of the current recycling system that have to be improved



Estimate costs and timeline

25th Nov – 29th Nov

Begin determining feasibility of education plan in regards to budget and time constraints

Expected Outcomes



We hope to have this research completed by the last week of November.



We can determine what should be the focus of our educational programs from the data of the survey.



The online survey was completed quickly and saved time and money.



We are on time and our report will be completed within the timeline.

Q & A

THANK YOU