



Ecosphere

Our team: EZMM

Presented by Elikya Tupula and Zoé Duquette

Problem:

More than 59%

of the people we questioned believe they are not sufficiently aware of environmental issues.

This means that there visibly isn't enough awareness on environmental topics in school, social media and in people's everyday lives

Principal reasons:

- Disinformation
- Biased sources
- Inaccessible platforms
- Lack of platforms for young users

User feedback:

Research:

- We questioned 85+ people for our research form
- 15+ people tested our app, including a robotics teacher and a software engineer
- We searched for reliable sources for our articles

Constructive Feedback:

- Need for better instructions
- Including more images

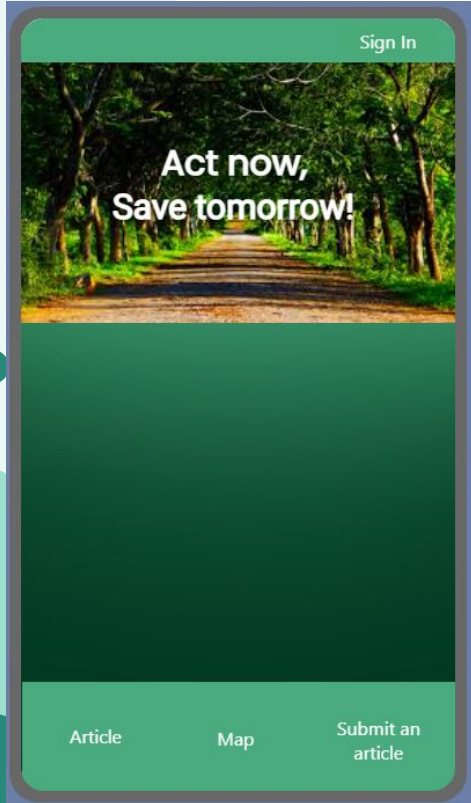
Positive Feedback:

- The map really helps to visualize
- Our idea works (people that tested our app felt like they would want to use it in the future)

Our solution:



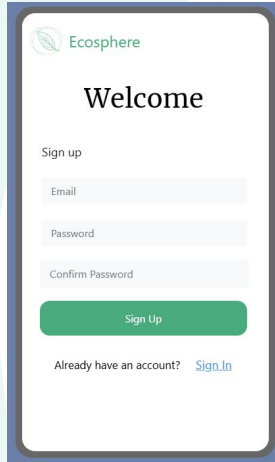
Ecosphere allows people to learn and take action to address the climate crisis by staying informed of local issues.



Our app has:

- A page sign up/sign in
- An interactive map
- An article page
- A "Submit article" page

Technology/User Experience



Ecosphere

Welcome

Sign up

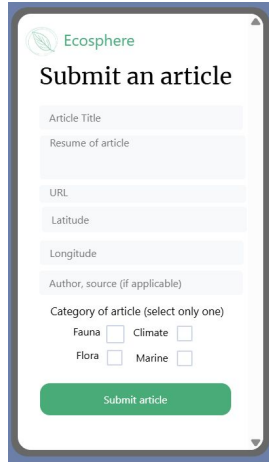
Email

Password

Confirm Password

[Sign Up](#)

Already have an account? [Sign In](#)



Ecosphere

Submit an article

Article Title

Resume of article

URL

Latitude

Longitude

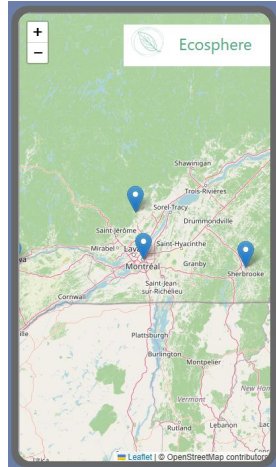
Author, source (if applicable)

Category of article (select only one)

Fauna Climate

Flora Marine

[Submit article](#)



Ecosphere

Climat

Des habitations inondées

Les pluies diluviennes qui se sont abattues sur le grand Montréal ont occasionné bien des dégâts dimanche s'infiltrant dans de nombreuses habitations et commerces.

Mina Colin 2025/05/13 [link](#)

Flora

Un écosystème en danger

Au moins cinq espèces venues d'ailleurs sont des menaces de plus en plus inquiétantes pour la biodiversité et la santé humaine, selon un expert qui publie un livre sur les animaux envahissants.

Mathieu-Robert Sauvage 2026/03/19 [link](#)

Faune

Our target audience: adolescents and young adults (12 to 25 year-olds)

Finances: Completely free but with adds

Site de code utilisé:



Article submission: Users can add links and we verify them manually for now

Competition/alternatives



Gouvernement
du Canada

- App vs. website: Apps are faster and offer a more personalized experience. Furthermore, 45.2% prefer apps to websites, compared to 38.7% for websites.
- Articles and maps were also preferred, with 45.2% and 41.9% of respondents wanting to use these tools to stay informed.

In the future, we will add...

- Quizzes to please younger users
- Filtering functionality for the articles
- Notifications for daily good news
- Personalized experience
- Translation in French and maybe other languages



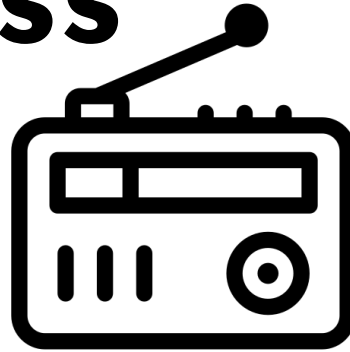
Raising Awareness



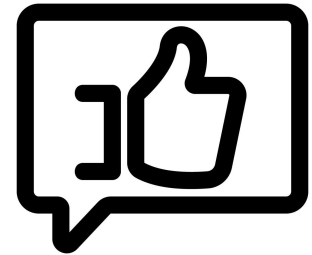
School



Articles



Radio station



social media

Summary

Solution

- Ecosphere (map, articles)
- Reliable and accessible information



User Experience

- Active learning
- better understanding
- greater initiative

Positive Impact

- More common values (responsibility, eco-friendliness)
- More action in saving natural ecosystems and species



Ecosphere

Act now, save tomorrow