

Net Zero

Climate Change

LiVE IT.earth



Highlights Overview



Live It Earth produced Net Zero educational programming in English and French in partnership with FortisBC, and in collaboration with the School District 22, the CARE program, and the City of Vernon BC.

Produced a 24-minute show featuring the Climate Action Ripple Effect (Barry Dorval and students Jade Ha and Haylee Andal) and their community initiative along with youth in School District 22 - Including Anne Huisken, the City of Vernon transportation planner.

Additional educational videos included a Deep Dive with Amandeep Singh focusing on the Home Zero Collective, and a Career Pathway video with Kevin McCarty about his career in climate action planning.

Created pre & post-show educational resources so teachers can pick & pull Resource Conservation content throughout the year. Produced and provided all resources in both English and French.

So far the Net Zero program has reached over 1,200+ kids in K-8 and will continue to grow. The combined program elements have been accessed by 61 different teachers in BC so far!

Supported the School District 22 in hosting a with the community of Vernon. Engaged families, students, and educators through newsletter, social media, and on the Live It Q&A app.

Net Zero | How can our community plan to have net zero greenhouse gas emissions?

Did you know small changes in daily habits can save energy and lower greenhouse gas emissions? In this program, we'll explore what it means to become Net Zero, how we can help people make eco-friendly choices, and we'll visit an inspiring community tackling climate change.

[Watch Trailer](#)

Signup with coupon code:
ENERGY-24

[Watch Show](#)



Bilingual Educational Resources



Balancing GHGs Inputs & Outputs

If you think of our environment as a bathtub and you just left the tap running unchecked - the tub would overflow. We can make a huge difference by controlling the taps, slowing down how quickly it fills up... and also draining water out to avoid a big mess.

The most efficient and effective way to avoid an overflow is to conserve the water that is filling the tub. We all have a part to play, but there are also several natural and technological processes that can capture GHGs and 'drain' them from the atmosphere.

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Our Team

Barry Dorval
Climate Action Ripple Effect C.A.R.E.
Community Organizer

Jade Ha and Haylee Andal
C.A.R.E Alumni

Anne Huisken
Transportation Planner

Kristiene Geerdens
Live It Host

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meilleures façons omiser l'énergie !

douches courtes au lieu d'un bain..
umières et les appareils lorsqu'ils ne sont

ortes et les fenêtres fermées si le chauffage
sation est en marche.
e du vélo ou prendre le bus au lieu de
école.
ndre une bouteille d'eau réutilisable.
utiliser les machines à laver et à vaisselle
sont remplies.
nge au lieu d'utiliser un séchoir.
nge qu'à l'eau froide.
te du réfrigérateur ou du congélateur
lorsque l'on sait ce que l'on veut.
des téléphones et chargeurs non utilisés.

DÉFI BONUS

Passer des soirées sans
électronique et jouer à des
jeux de société ou lire un livre.

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Les activités quotidiennes qui génèrent le plus de GES

Conduire une voiture, chauffer une maison, chauffer l'eau chaude et utiliser l'électricité contribuent de manière significative aux émissions de GES. En réduisant ces activités ou en choisissant des solutions plus écologiques, nous contribuons à réduire notre impact.

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Activité	Pourcentage	Montant (Mt d'éq. CO ₂)
Pétrole et gaz	31 %	217
Transport	22 %	156
Bâtiments	13 %	89
Industrie lourde	11 %	78
Agriculture	10 %	70
Déchets et autres	7,1 %	51
Electricité	6,7 %	47
Total		708

Bilingual Educational Resources

Creative
Challenge

STEM
Challenge

Story
Challenge

Game
Challenge

Click me



STEM **LIVE IT.**

Concevoir et Isoler une Maison Modèle

Savais-tu que l'isolation de ta maison joue un rôle important pour te garder au chaud en hiver ? Et à te garder au frais en été ? Elle agit comme une grosse veste bouffante qui emprisonne la chaleur en hiver ou comme un réfrigérateur qui garde l'intérieur de votre maison au frais pendant les mois les plus chauds. Sans isolation, ta maison serait à la même température qu'à l'extérieur. Voyons comment fonctionne l'isolation et à quelle vitesse les températures peuvent changer sans elle. Alors, mets ta ceinture à outils et commençons à construire.

Matériel:

- Boîte en carton
- Plastique transparent
- Ruban adhésif (Tuck Tap)
- Isolation (styromousse, papier bulle, papier journal, isolant domestique, etc.)
- Colle chaude ou colle
- Colle ou pâte à modeler
- Lampe chauffante



Bilingual Educational Resources

Deep
Dive

Career
Pathways

Click me



Youth Film Workshop

Working with the youth from [Clarence Fulton Secondary School](#) was an enriching experience. From day 1, the students dove into the project with enthusiasm, challenging themselves every step of the way. They took part in the film equipment setup, scripting, and translation pieces. Students joined us on set each of the week

“ I know now what I want to do, I want to create videos and tell stories ”



Feature Show



On-Camera SME's



Barry Dorval
C.A.R.E
Community Organizer



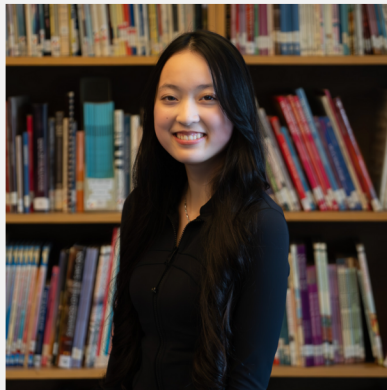
Amandeep Singh
Home Zero Collective



Kevin McCarty
Climate Action Specialist



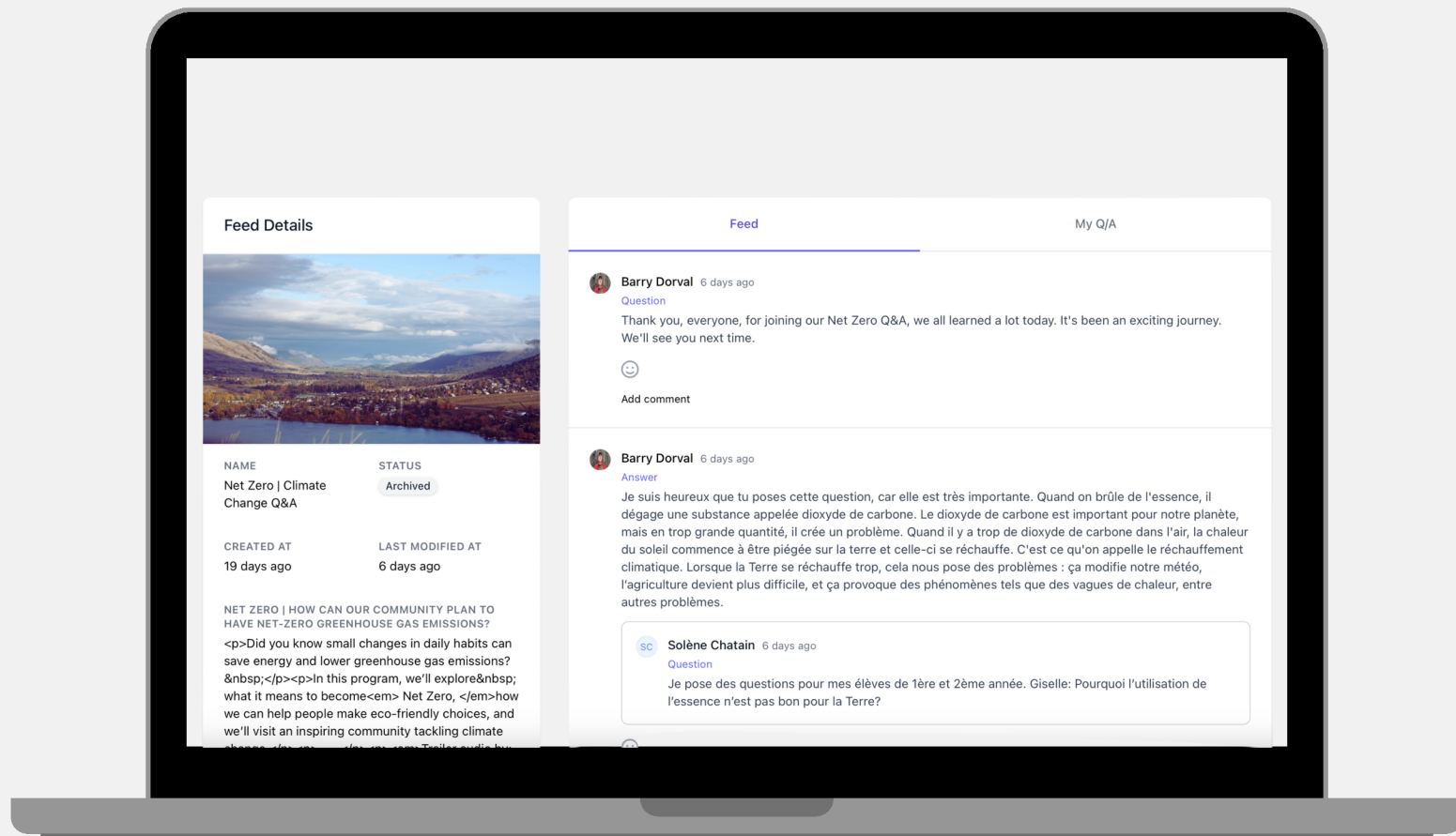
Anna Huisken
Transportation Planner



Jade Ha and Haylee Andar
C.A.R.E Alumni

Q&A Online Experts

Rhiannon Brunello (SD 22 Climate Change Coordinator), Amandeep Singh (Home Zero Collective) and Mary Stockdale, Alan Gee and Barry Dorval (C.A.R.E) answered 50+ kids' questions during the live Q&A!



What Teachers are Saying

The Live It Earth Net Zero Program was a great educational initiative that involved planning and teamwork with community partners.

**Luke Friesen,
SD 22 Director of Instruction for Learning**

As a teacher, I really appreciated the well-organized package of materials which walked me through the steps on how to present the activities to the class. Climate change is an important and timely topic, so it was fit well to what I was already doing in class.

Kerri L, SD22 Teacher

Our grade 2 class loved learning about ways to conserve energy during our school's Earth Week activities. Fantastic program!

Shannon Mills, Sooke School District

The Net Zero program from Live It Earth was a dynamic and engaging way to teach my students about climate action, combining real-world relevance with interactive content that sparked meaningful conversations in our classroom.

Ms. Perry, Grade 5/6 Teacher, Ellison Elementary

Together, we can inspire the next generation to shape a sustainable future!



Above: students from school district 22 participating in the STEM Challenge as part of the Net Zero program.



Right: students testing their STEM challenge houses to see how well insulation works.