

Titre 1.5° C Carbon Budget Solution

<http://marathoncreatif.sparkboard.com/project/56ed71494814d80300976ab4>

intro Establish a science-based carbon budget for Montreal to stay within 1.5C of warming that is equitable and implementable, and prescribe a detailed plan to stay within it.

À quel thème de la consultation votre projet se rattache t-il?

All of the above.

Quel défi relié à la dépendance aux énergies fossiles vous intéresse?

Doing our fair share to prevent catastrophic and irreversible climate change through local mitigation efforts.

Comment pensez-vous le régler?

We are finding concrete actions within all high-emitting sectors within Montreal's territory and indirect emissions linked to consumption. This will be necessary to stay within our established science-based carbon budget for preventing 1.5 celsius temperature rise in global mean temperature.

Quels sont les acteurs à impliquer dans sa réalisation?

Citizens, policy-makers, municipal, provincial and federal actors. International bodies and governments will need to be approached as well.

En quoi votre projet est-il « ambitieux, concret et réalisable » ?

If we are serious about our stated claims to want to do what is necessary to have a good chance of avoiding cataclysmic climate change, . It is also in line with Canada's COP21 commitments. It is achievable if we mobilize society's energy towards this goal.

À qui s'adresse votre projet qui en sont les bénéficiaires ?

Policy-makers.

Décrivez brièvement le modèle d'affaires.

N/A.

Comment votre projet contribue-t-il à réduire la dépendance aux énergies fossiles de la Ville?

We are calculating and establishing a reduction target that is clear and based in a carbon budget approach that is well respected in the scientific litterature. This target ensures that Montreal does its fair share in the global effort needed to avoid the catastrophic consequences of climate change.

Forces et faiblesses du projet

The strength is that we are establishing a scientific target that if respected gives us a chance of avoiding catastrophic climate change. The weakness is that if we aim to just barely stay within our carbon budget for 1.5C then there is still significant risks for human civilization and Earth's ecosystems. This budget should not limit us from taking more action.