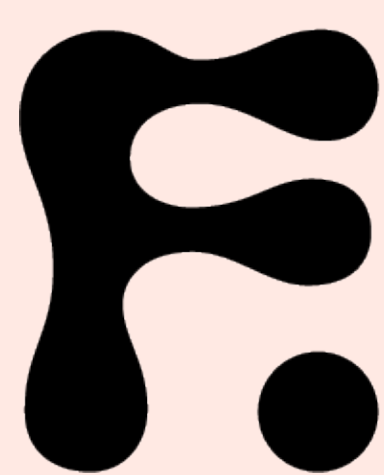




MUSÉE
DE LA SANTÉ
ARMAND –
FRAPPIER

TRANSITIONAL PATHS

ça
CHAUFFE! cool
it

EXPLORE THE EXHIBITION
THROUGH A LITTLE
ADVENTURE !



Welcome to *Ça Chauffe!*
Cool it, an exhibition about
climate change and its
effects on our health.

This guide will take you
on an adventure: you'll
explore the exhibition
through different paths
and decide what you
want to see based on your
concerns, your opinions,
and your curiosity.

When you enter the exhibition, you'll see an introduction panel. You can take the time to read it. Then, look around and find an **everyday object that we use to wash clothes.** .

When you find it, make your way to

PAGE 4

The exploration path starts there.

What a strange washing machine!

As you get closer, you'll notice something unusual is happening...

A family is stuck in a flood! Rapidly rising water came out of nowhere and now our family is forced to evacuate their house.

Sam brought along a prized possession: a little stuffed animal. The family is now safe, but they've lost their home.

Floods are what we call extreme weather events. Our little friend tells us that there are more than floods in this category of events!

What other extreme weather event do you know?



To find out more about the source of this flood, look for an object in which we store our food.

Then go to

PAGE 6



To find out about other extreme weather events, look for an object that we use to make our clothes nice and smooth!

Then turn to

PAGE 8

**Look at this fridge
carefully.**

**There are lots of unusual
things happening!**

**Someone is spreading
pesticides on a field, cows
are placed in tiny spaces...
there's even a polar bear!**

**It doesn't look like it's doing
too well... It's telling us
that it's been way too hot
lately, and that the ice
floes it usually hunts on are
melting!**

What a shame for that poor bear... and for us! When ice melts, ocean levels rise, and that can mean floods. By helping the polar bear, we can also prevent catastrophes like floods! Let's go find out why it's so hot...



Look for the sign telling you about climate change and its impact on our health. Here's a hint: it looks like dominoes!

Once you've found it,
go to **PAGE 10**

This ironing board looks like it's seen better days!

When you look more closely, you'll see it's actually a forest... that has burned down! The animals have fled their homes, just like our friends in the flooded house.

It seems that extreme weather events affect the health of the whole planet, not just of humans.

To find out more, look for the sign telling you about climate change and its impact on our health. Here's a hint: it looks like dominoes!

Once you've found it,
go to **PAGE 10**

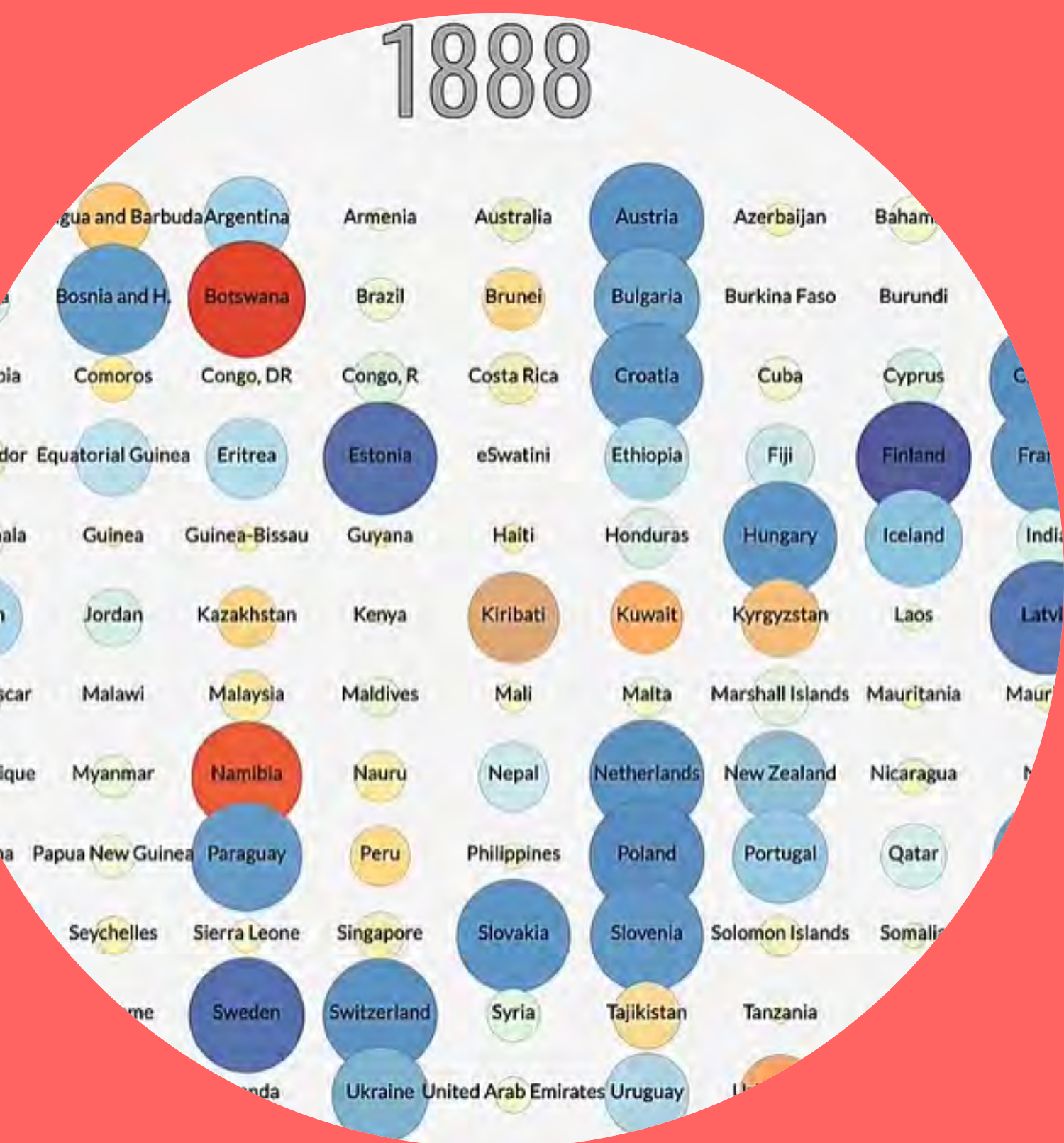
Uh-oh! It seems like extreme weather events are far from being the only concern here!

Our planet is suffering from many health problems, and we can see that it's causing us health troubles, too.

See how the different problems are interconnected!

It seems like they all come down to the same issue: the rising average temperature of the atmosphere!

And this apparently affects another thing, called “the greenhouse effect”...



If you want to see how
temperatures have changed
over the last two centuries,
look for this screen!

Then go to **PAGE 12**

If you'd rather explore the
source of this greenhouse
effect, look for the screen
that looks like this!

Then go to **PAGE 14**



On this video, we can see how the Earth's temperature has evolved since the 1800s. A blue circle means it's cooler than usual; a red circle means it's warmer. Each circle represents a different country.

What do you see?

It's getting warmer and warmer, the ice is melting, and the water is rising! Now we know what caused that flood.

But you also know that changing temperatures have other effects aside from melting ice...



To explore the cause of rising temperatures, look for the screen that looks like this.

Then go to **PAGE 16**

To discover another consequence of rising temperatures, look for an object that you can cook with. Then go to **PAGE 18**

On this screen, we learn about the greenhouse effect

As you can see, the greenhouse effect is important to the development of living organisms. Gases like CO₂ and methane retain heat in the atmosphere; without them, it would be way too cold!

Look more closely: we can see that human activity produces a lot of these greenhouse gases.

More gas means more heat trapped in the atmosphere... and higher global temperatures.

Scientists have identified which sectors produce the highest quantities of greenhouse gases. That means we can start thinking about ways to reduce them!

To learn about another consequence of rising temperatures, look for an object we cook with.

Then go to **PAGE 19**

To find out where greenhouse gases come from in our daily lives. Then go to **PAGE 21**

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To find out where greenhouse gases come from in our daily lives. Then go to

PAGE 19

You've recognized the oven, an object we use in our daily lives. **What do you think it represents?**

Look inside it... We're talking about rising temperatures, drought, and heat waves. All those things are related to greenhouse gas emissions linked to human activity.

Let's go see how we emit these gases daily. Maybe we can find a way to reduce them!

To find out where greenhouse gases come from in our daily lives, **go to** **PAGE 21**

One way we can measure how our lifestyles produce CO₂ is the carbon footprint. To slow the speed of climate change, we estimate that each person should shrink their carbon footprint to one or two tons of CO₂ per year...

Can you tell how many tons each person in Quebec emits, on average?

We can see there are huge differences whether a family uses energy that comes from coal or electricity...

But you don't really have a say in how your energy is produced, do you. You can, however, adopt good habits, such as eating less meat or not taking the plane where there are alternatives! That's a real team effort, though.

To find out more about people who are acting to make a difference, find this screen :



Then go to **PAGE 21**

We've seen that many problems, between our health and that of the planet, are intertwined because of climate change.

Families losing their homes because of floods, animals having to flee their forests... it's normal to be confused about how to tackle the problem. Thankfully, some folks have looked into the matter for us!



From the three suggestions, choose one based on the topic that interests you; you'll find out how you can take action, and how acting now can benefit your health!

Once you've watched your video, go to **PAGE 22**

Do you see the green city close to you? Go ahead and take a closer look.

We don't see any cars in this city, but we do see small dwellings with plants on their roofs, to feed us and keep us cool.

Here, nature and the city are working together.

We can see a supermarket, which likely sells local products. The inhabitants here live a slower-paced life—they've changed their lifestyle and their habits, which leaves room for more well-being.

In this ideal future, we can see, near the green alley, a new house for our friends who had lost theirs to the flood!

Forest animals will also be happy to learn that this city is full of wonderful initiatives that help keep our planet healthy.

What actions would you like to see put in place starting today so that we can move towards a future where our planet's health is a higher priority?

**Take one of the postcards
and tell us!**

Congratulations, this is the end of your journey!

BONUS

If, at times, this exhibition caused some uncomfortable emotions, you're not alone!

Look for this panel and watch the video on eco-emotions!



Extend the experiment at home!

Continue your scientific discoveries with our educational videos available on our [YouTube](#) channel.

To make sure you don't miss out on any Museum news, follow us on [Facebook](#) and [Instagram](#) !