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**CLIMATOPIA**



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# CLIMATOPIA

For many years  
astronomers have  
been searching  
for an Earth-like  
planet...



If found, humans  
could even live  
there if someday  
living conditions  
on Earth became  
unbearable!



Well...  
the planet  
exists!

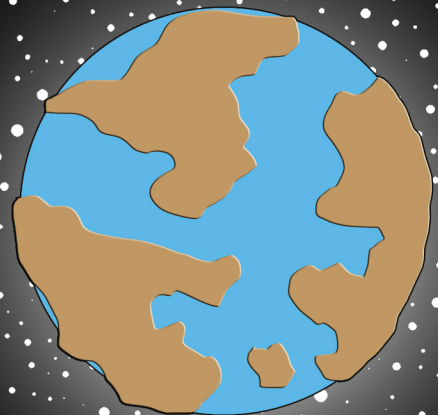


And it's  
just like  
Earth!

Life similar to that of Earth  
has developed. Plants,  
animals and beings with logic.

They have divided the  
surface of their planet, land,  
air and sea, into countries.

This planet, which we could  
say is the twin planet of  
Earth, its inhabitants call...



...CLIMATOPIA.



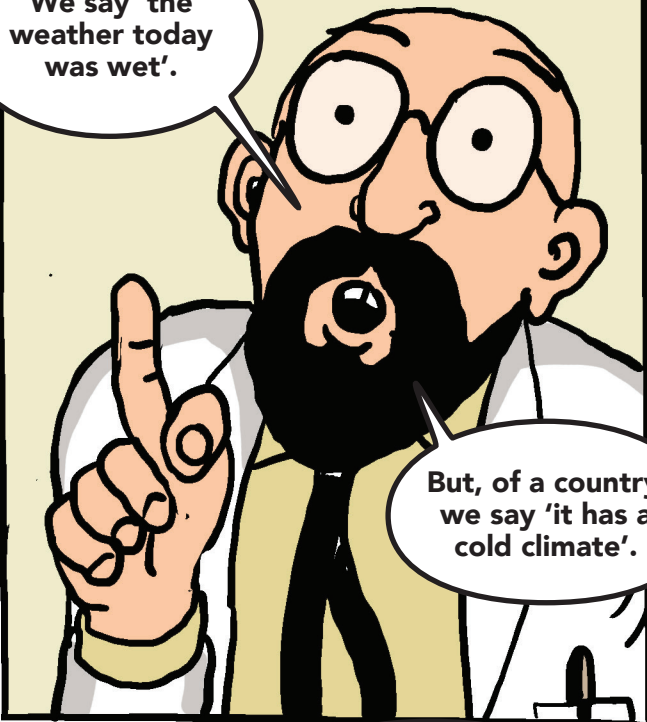
It is summer; the schools are closed for the holidays. In one research center students from all continents of the Climatopia have gathered.

Don't confuse weather with climate!



We say 'the weather today was wet'.

But, of a country, we say 'it has a cold climate'.



So the weather in a place can change daily, but climate remains the same.

That is correct.



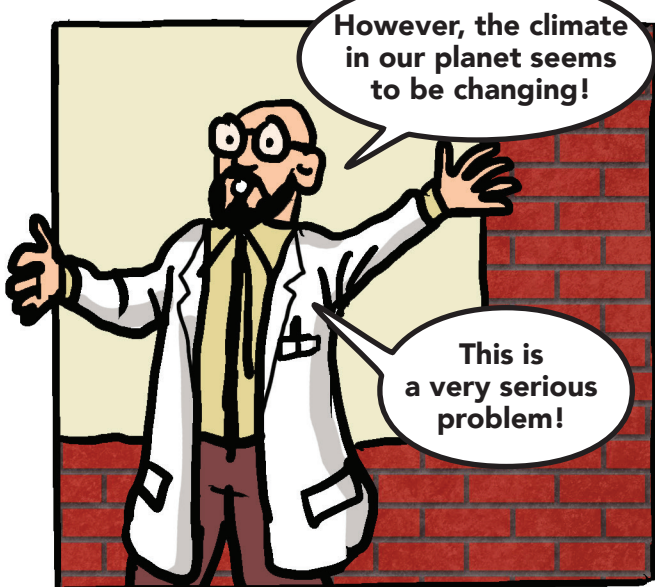
I'm bored! Do we go out?

No, I'm finding this very interesting!

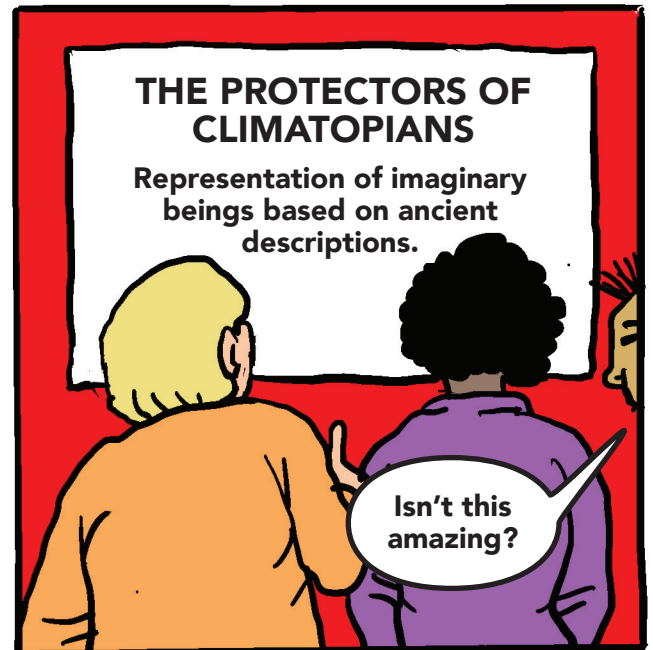
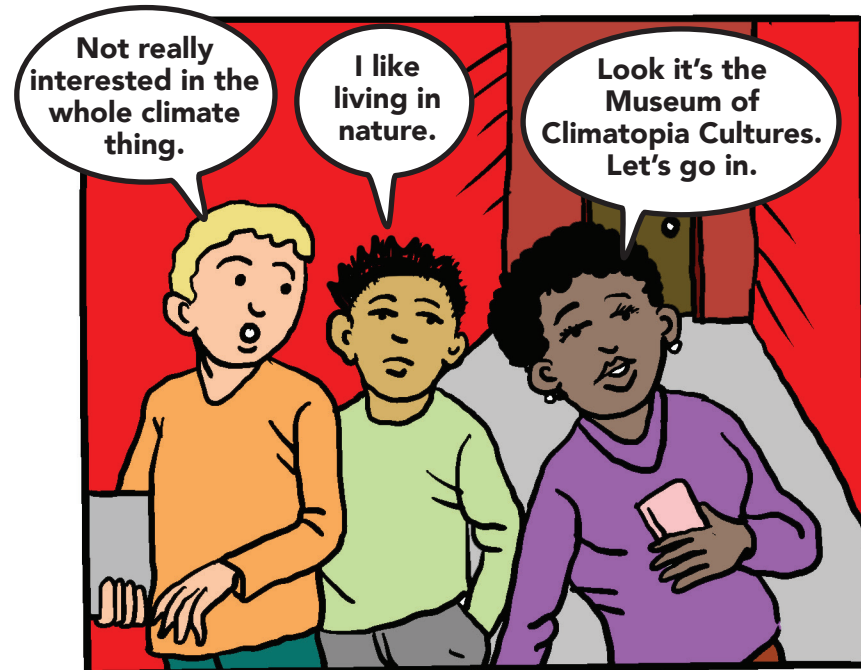
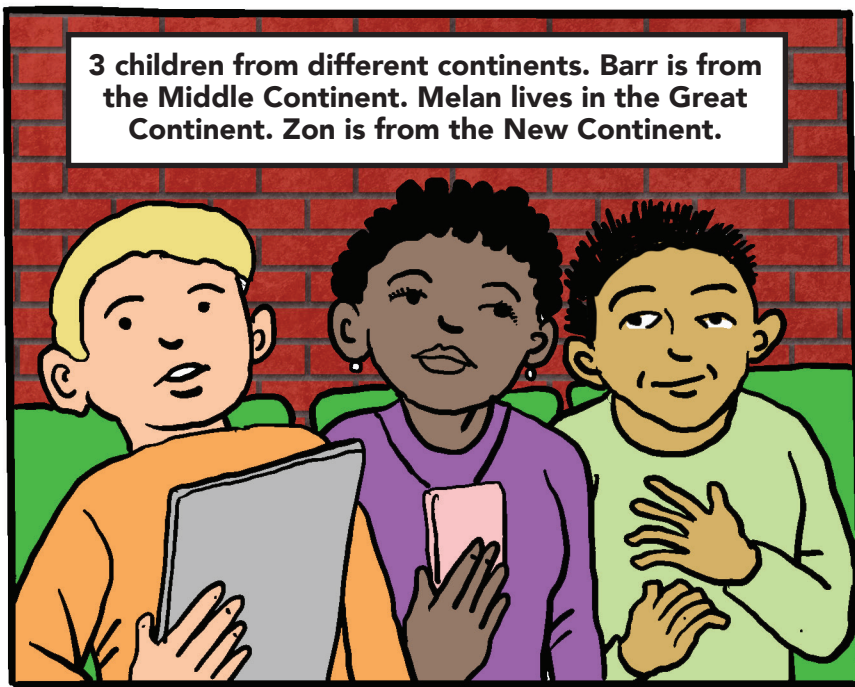


However, the climate in our planet seems to be changing!

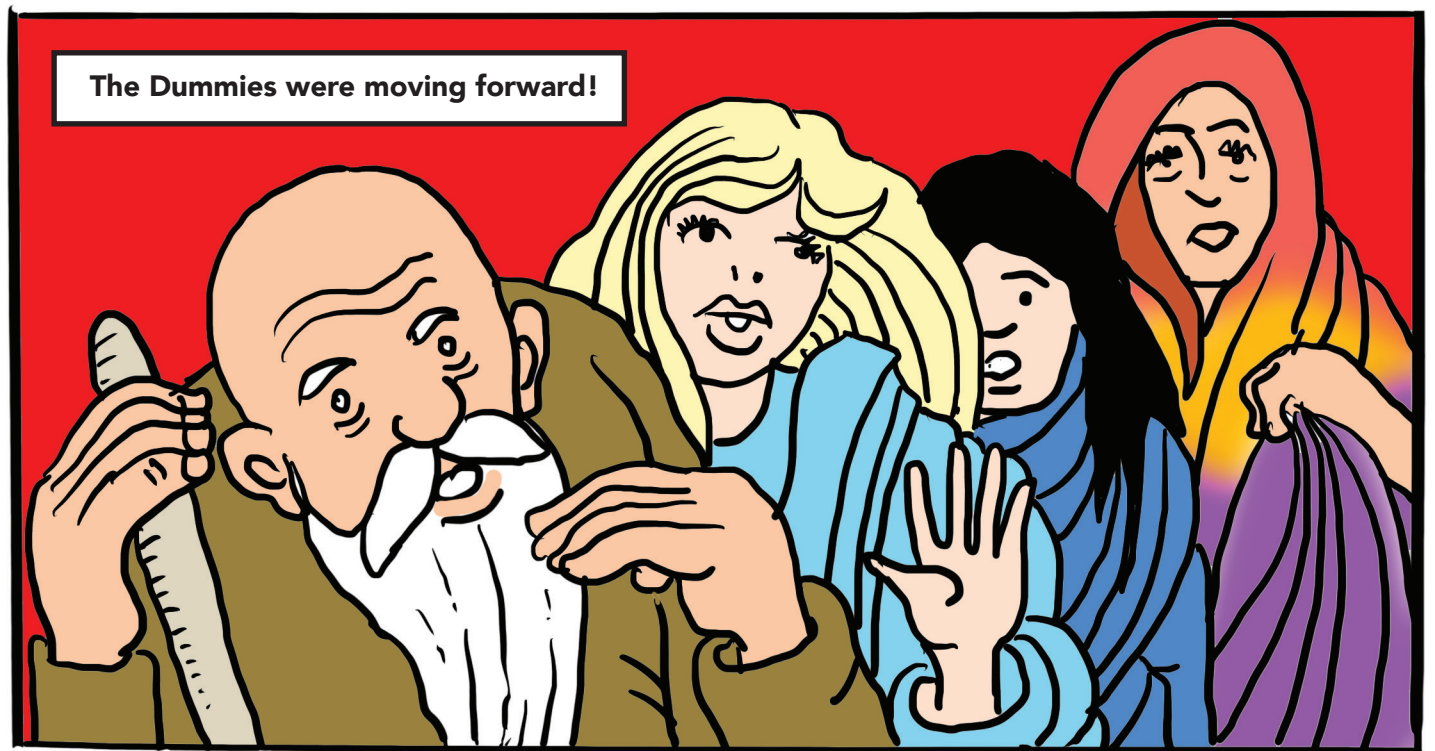
This is a very serious problem!







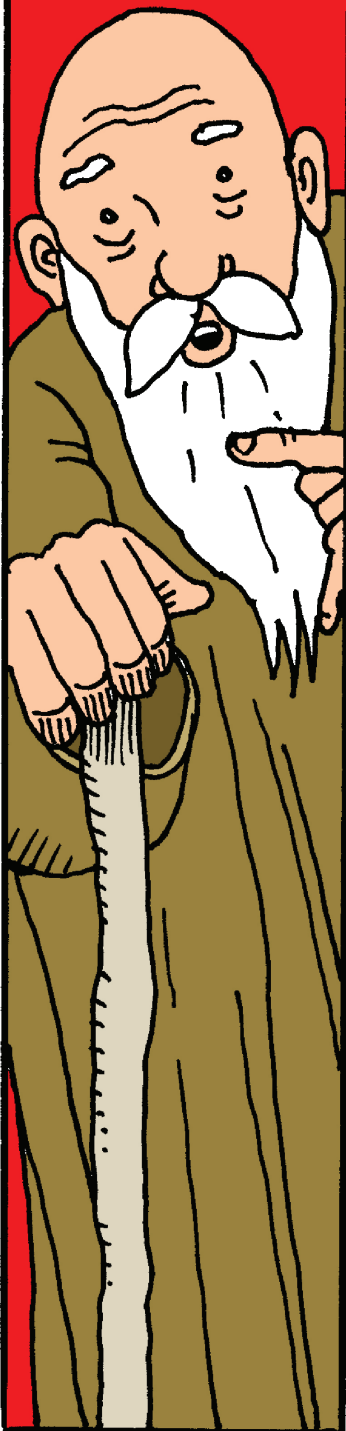






We know everything. We are the **FOUR ELEMENTS** of the planet! Elves.

I am **SOIL**! I normally don't like to speak, but now I have to and need to speak. Twice we have appeared to Climatopians. We wanted to help them save the life on their planet.



And twice we have failed. And almost all Climatopians and most of the planet's living organisms were destroyed. I am **AIR**! We know everything that happened in the past, is happening now and will happen in future.



I am the element of **WATER**!

I see you are finding it difficult to believe that all of this is real... to trust in your senses.

Whenever we had to appear to Climatopians, they showed the same distrust. It was difficult for them to accept that it is possible for other beings to exist with other abilities, other 'powers' as you call them.



And I am **FIRE**, my children. Forgive the sparks that surround me.

Forgive me if I scared you, I have been immobile for a long time, and a bit careless. There is a great danger that the evil will be repeated. Your future is determined by you. It is up to you to change it.





Air spreads her airy veil over the children...



They find themselves in a bright tunnel!





At the end of it they find themselves in a village of houses made of clay!

Each house only has one room!



I was waiting in line to get flour...

...but when it was my turn they had given it all away!

We have some corn left...



...the children can eat that for a few days!

But then what do we do?

You know that many men from the village have left to the north to find work!

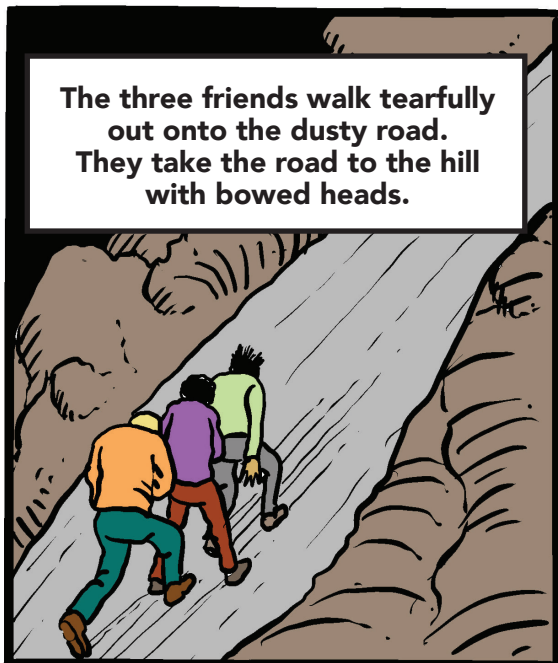


I'll sow. And if it doesn't rain either, we'll go north all together. There must be a place for us to survive!





The three friends walk tearfully out onto the dusty road. They take the road to the hill with bowed heads.



They touch Soil's wand and again travel through the tunnel!



Without contributing to global warming, people here are already becoming refugees. They are the first to suffer from it.



At the end they find themselves in a wide tree-lined street. To their left and right luxury villas have been built among gardens.





They find themselves in a luxurious living room.

Please don't thank me for the donation!

I want your school to prepare my children to be ready to take over the management of our companies!

You know the new law requires we put carbon collectors in the funnels of our ships!

The cost will be high!

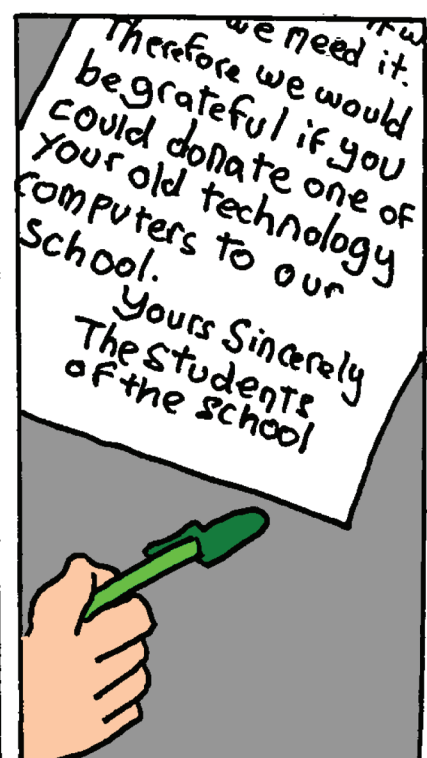
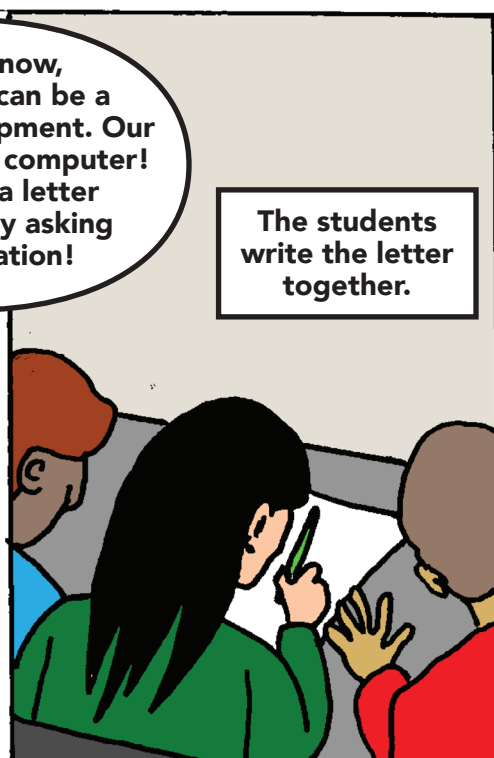
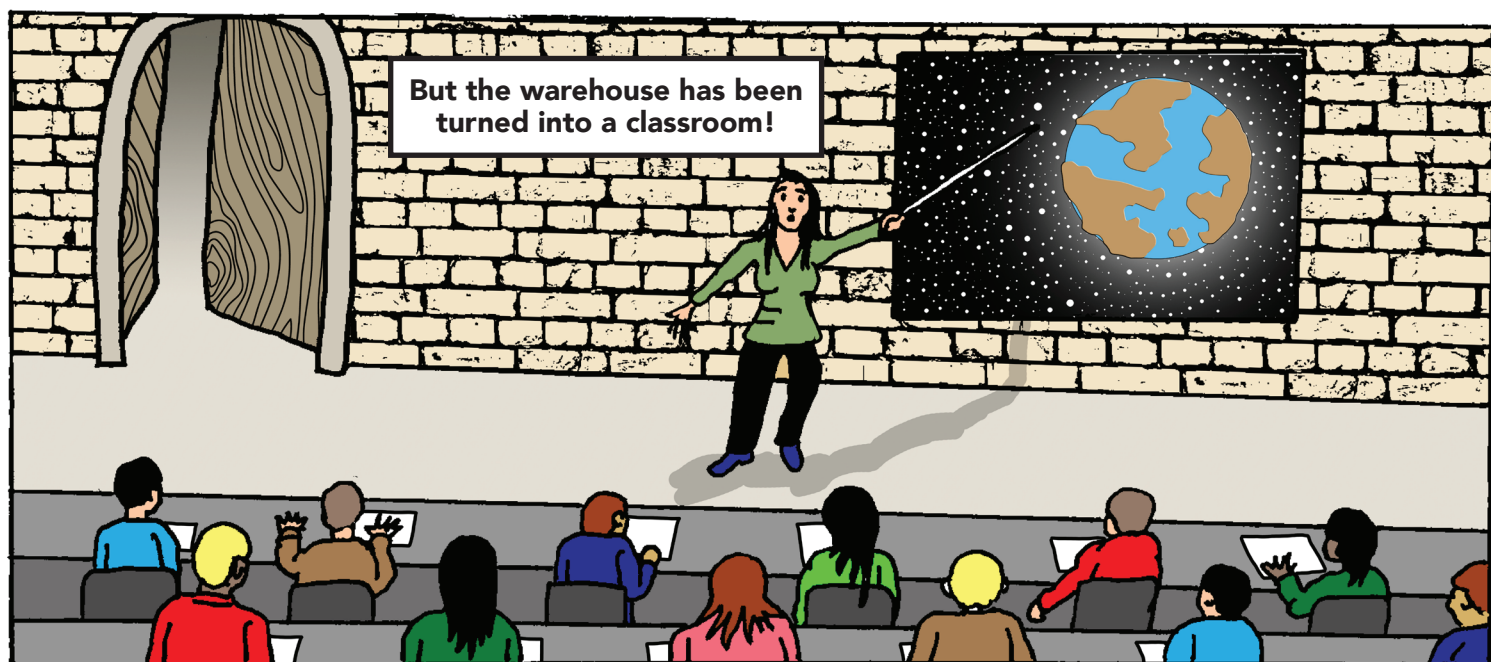
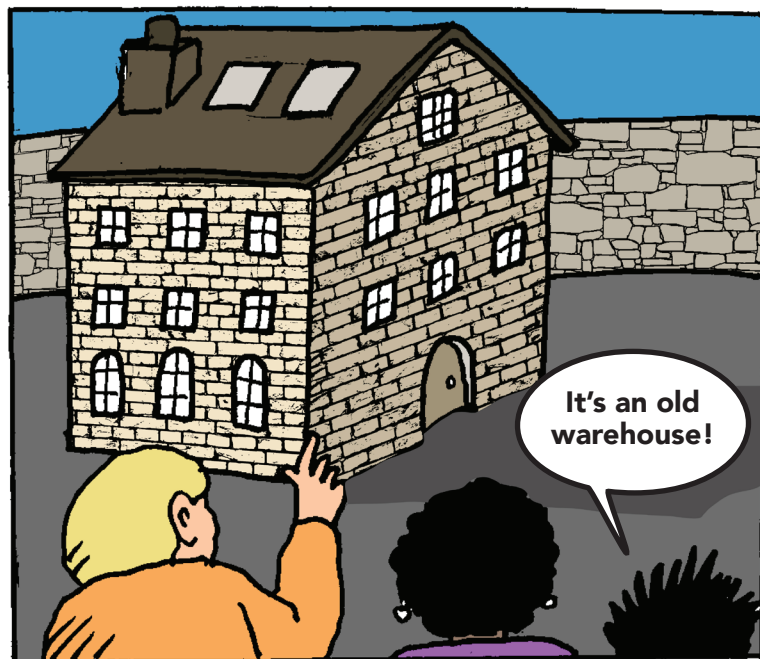
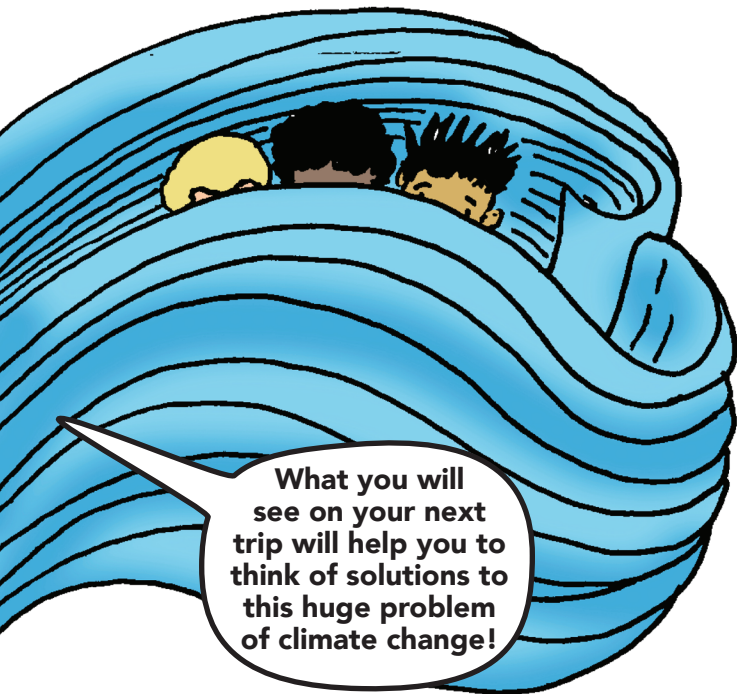
We'll put in some cheap fake filters. I know the right people in the environmental service. The checks will be discreet!

Tomorrow is your birthday! I ordered the latest model of Fuero's two-seater. With extra equipment, especially for you!

So many differences from one country to another!

Those differences are one of the causes of climate change!







The students follow the teacher to the school garden. They cultivate vegetables!

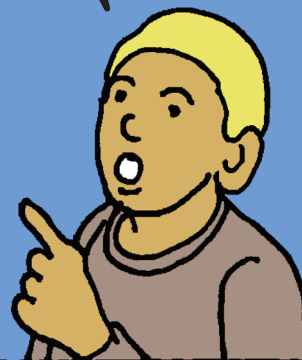


Afterwards, they walk to a clean stream very close to their school. The three friends watch!

Today I would like to continue the work we are doing on climate change! What is there left to consider?



We were going to see how we can protect ourselves from the effects of global warming!

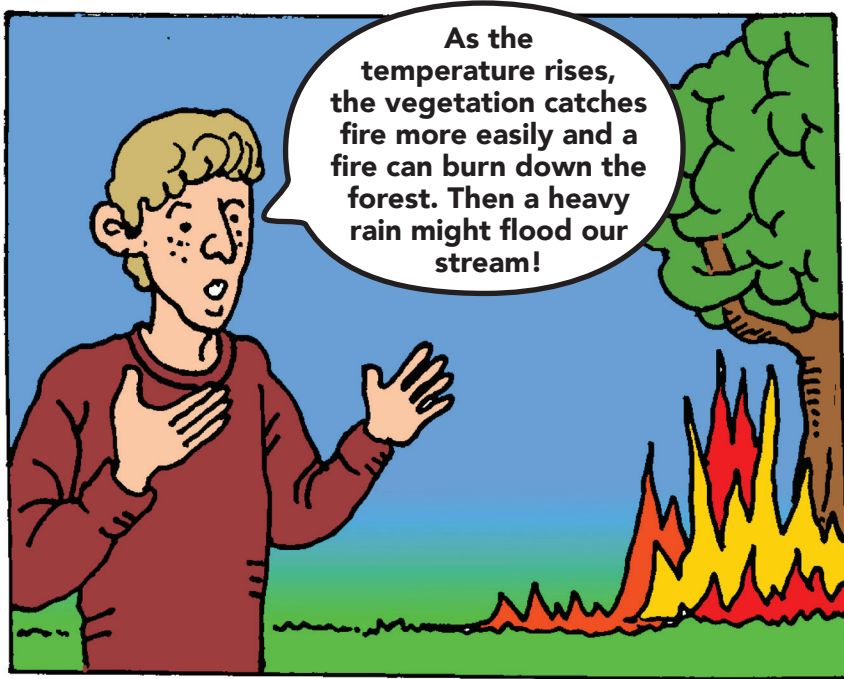


I think you got us to this stream because you want to discuss how we can protect our village, if it rains heavily and our stream overflows!



But the trees of the forest hold most of the rain water! So, when the water reaches the stream, the forest prevents it from overflowing!

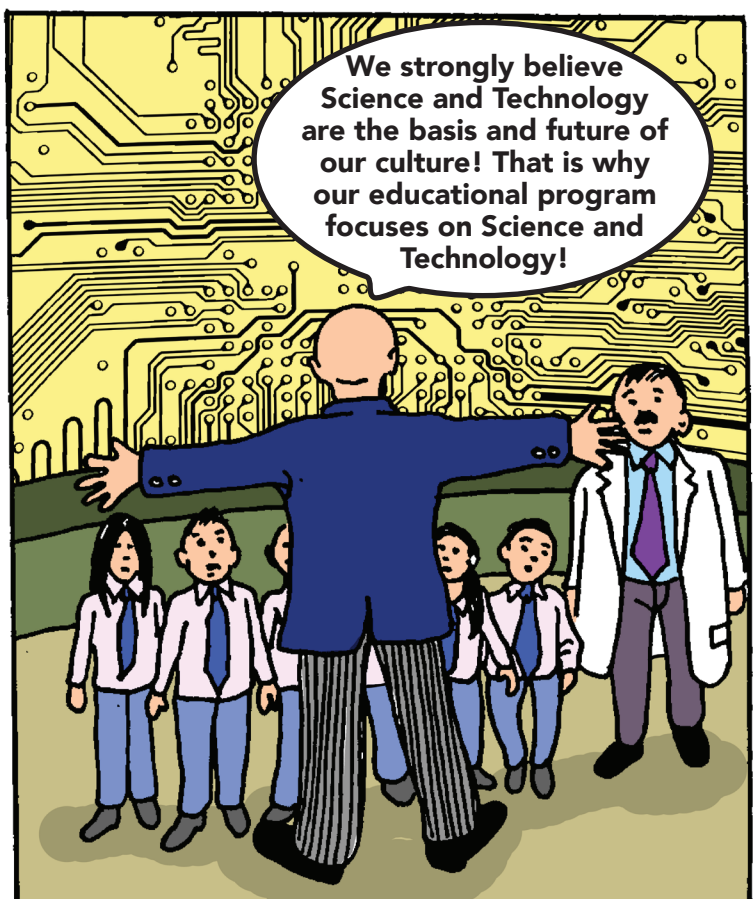
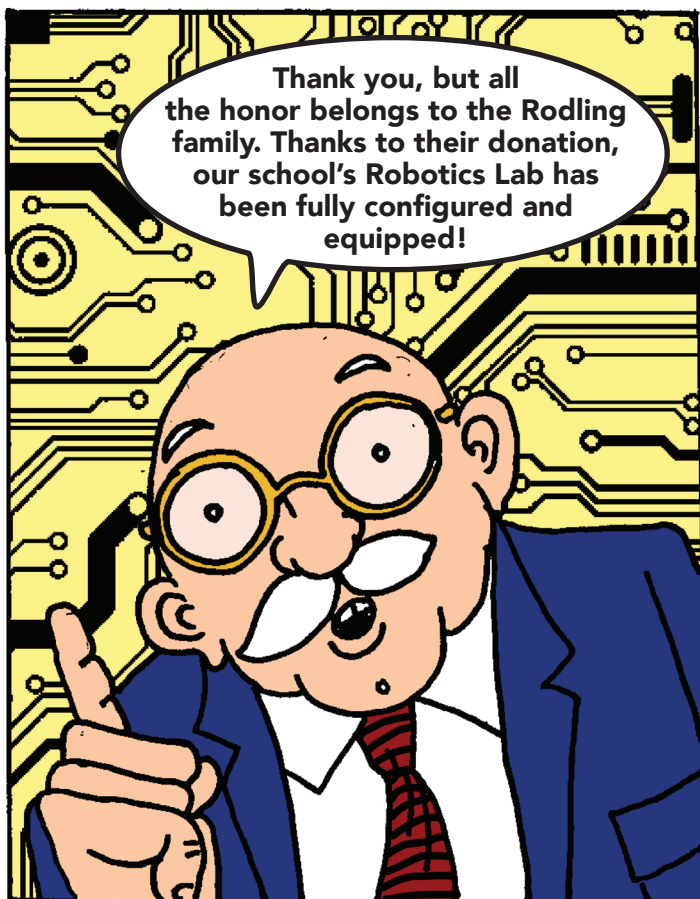
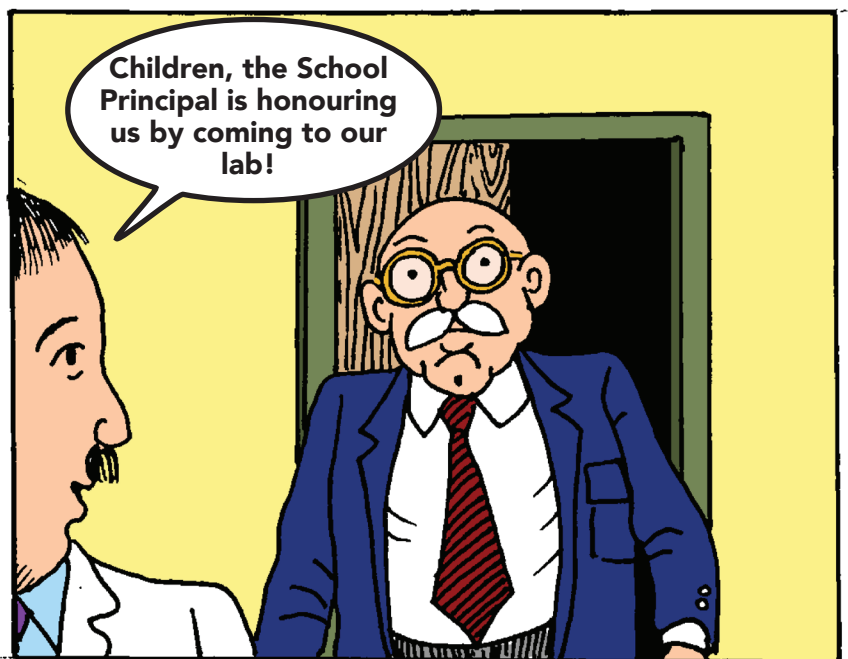
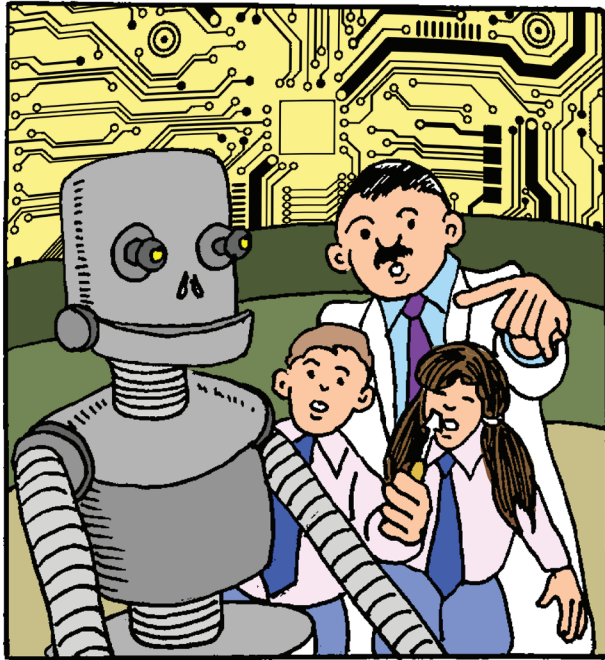
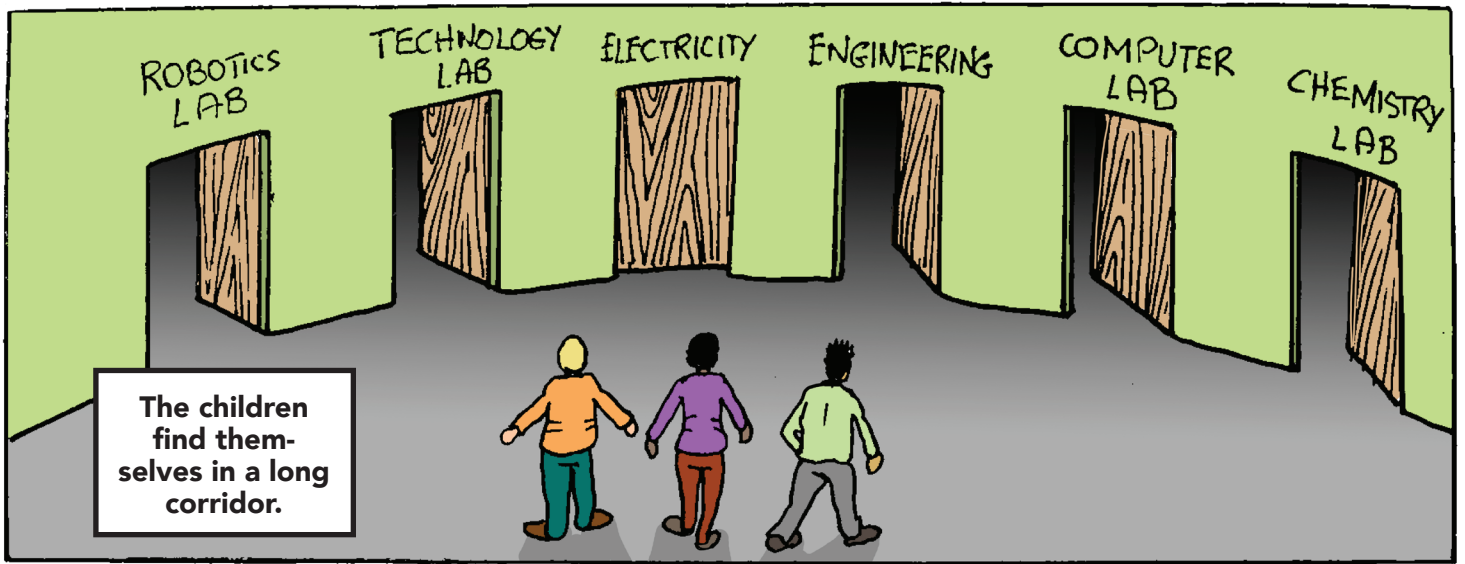




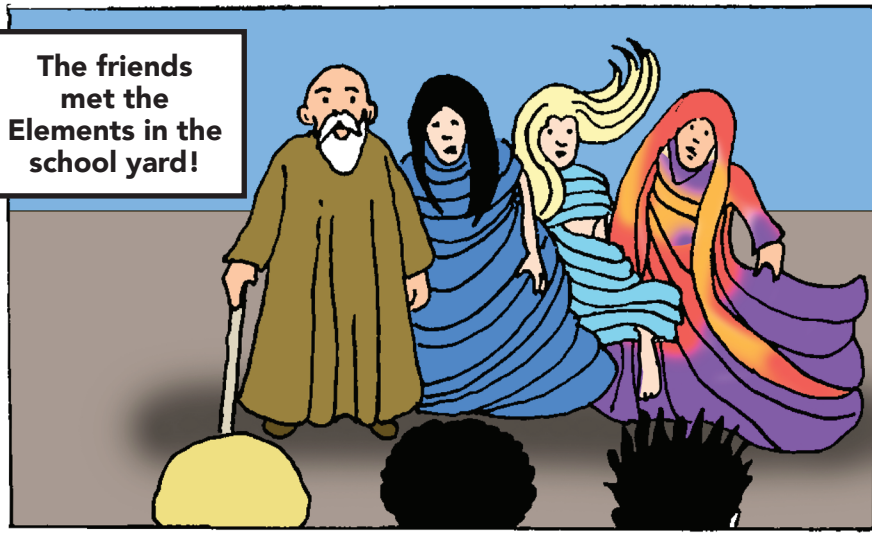
A column of water rises up through the stream and takes the form of the liquid element!







The friends met the Elements in the school yard!



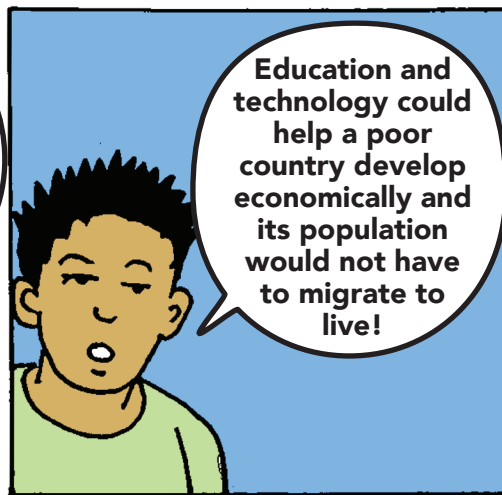
What do you think about these two schools?



Both school administrators agree that technology is very important for development!



Education and technology could help a poor country develop economically and its population would not have to migrate to live!



And what are the differences between the two schools?



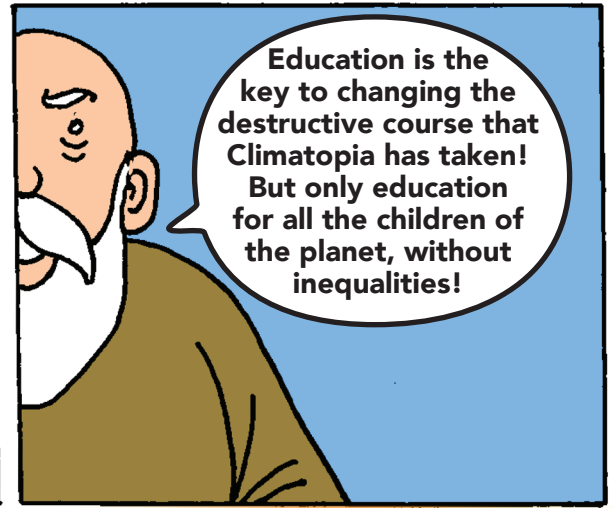
This one is a school for rich kids and is fully equipped, while the other one lacks even the basics!



Students in the small school learn to live in nature and care for it! The other school is moving away from the natural environment!



Education is the key to changing the destructive course that Climatopia has taken! But only education for all the children of the planet, without inequalities!



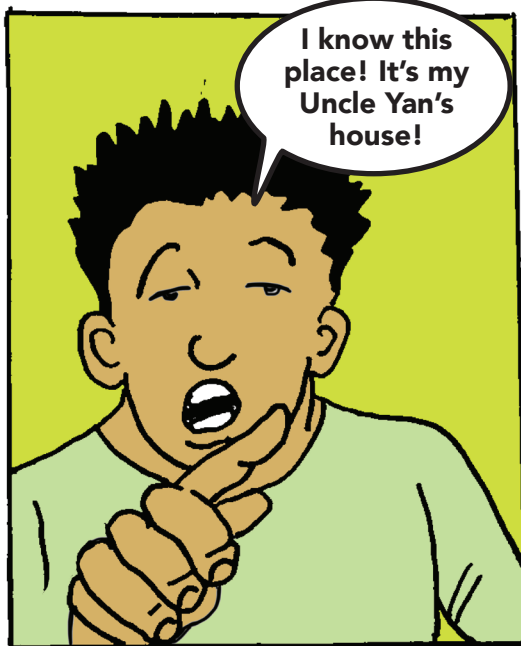
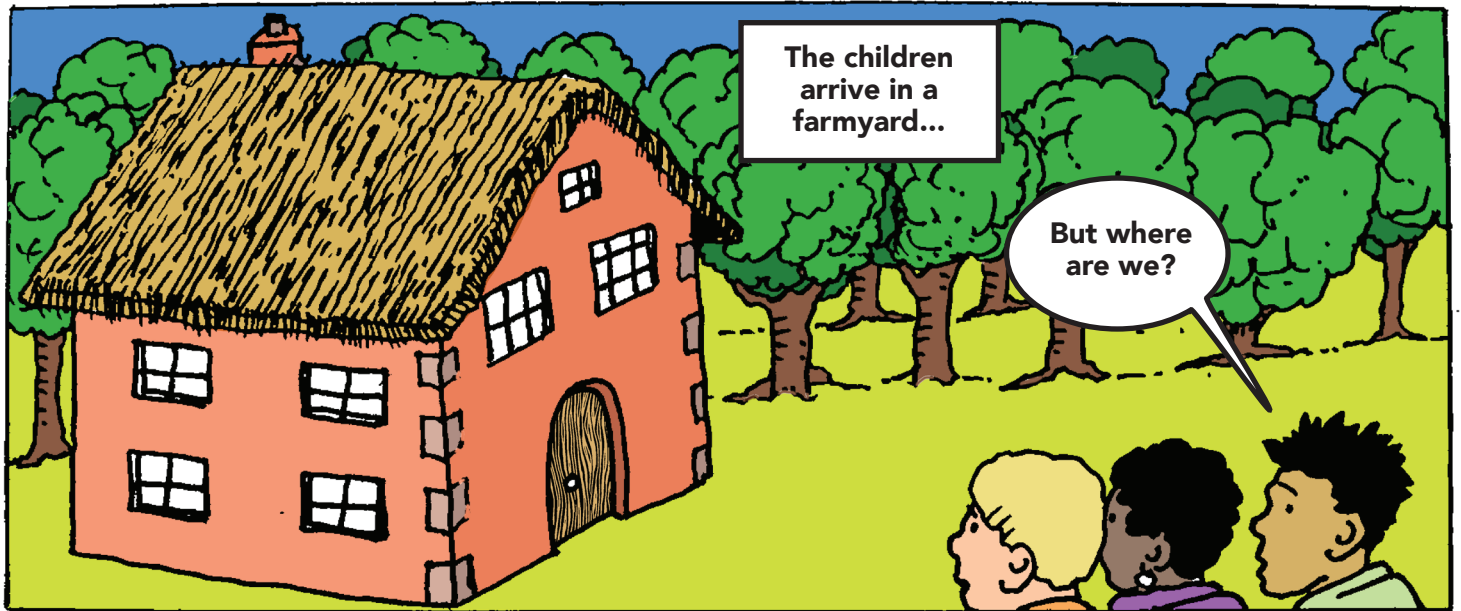
With our lives and our actions we can help other climatopians live better, like the teacher in the village!

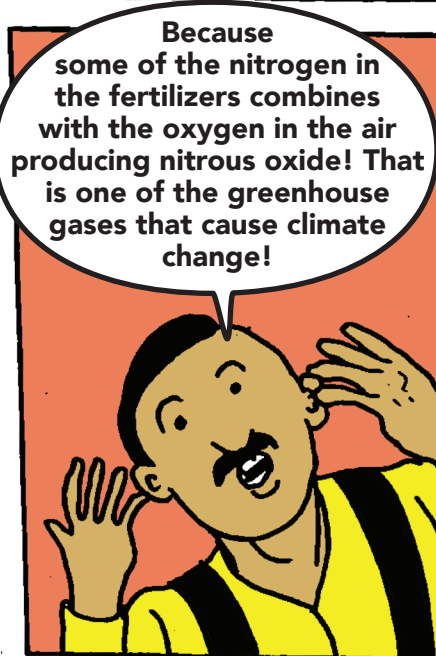
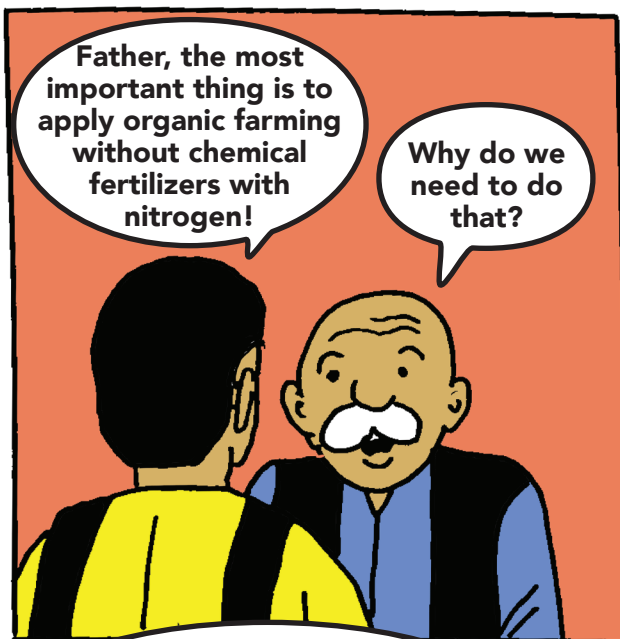


On our next trip we will meet some other good Climatopians!











My children remember  
that no effort for good is  
wasted. It is like the good seed  
that falls to the ground. One  
day it will grow!



Air covers the children with her veil  
and they travel into spacetime.



I've seen this  
place before! Oh  
my my! This is  
the town I found  
myself nearly  
burning!



But Barr, you were in the sixth dimension, in the future. Now, we are in the present!

So, if something doesn't change in a few decades, this town will be burned down by fire coming from the forest!

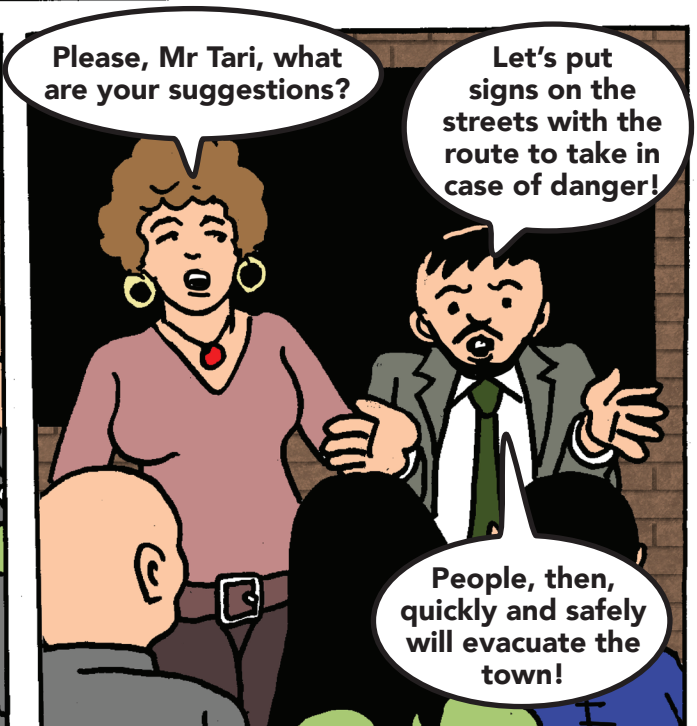
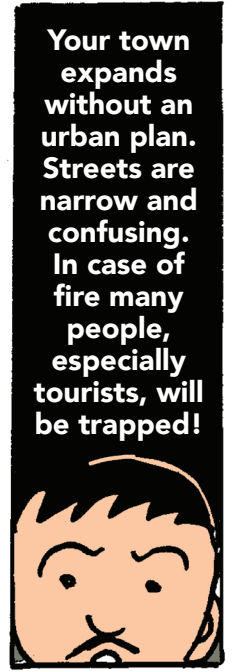
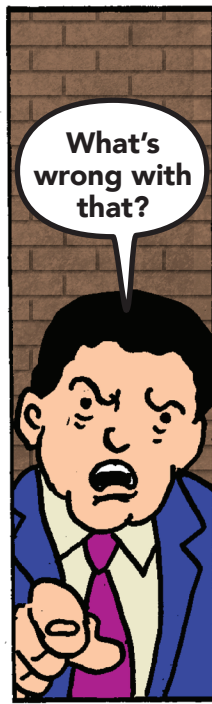


Dear city councilors, our town is rapidly growing from tourism, but there is a problem! Something that we need to reconsider!

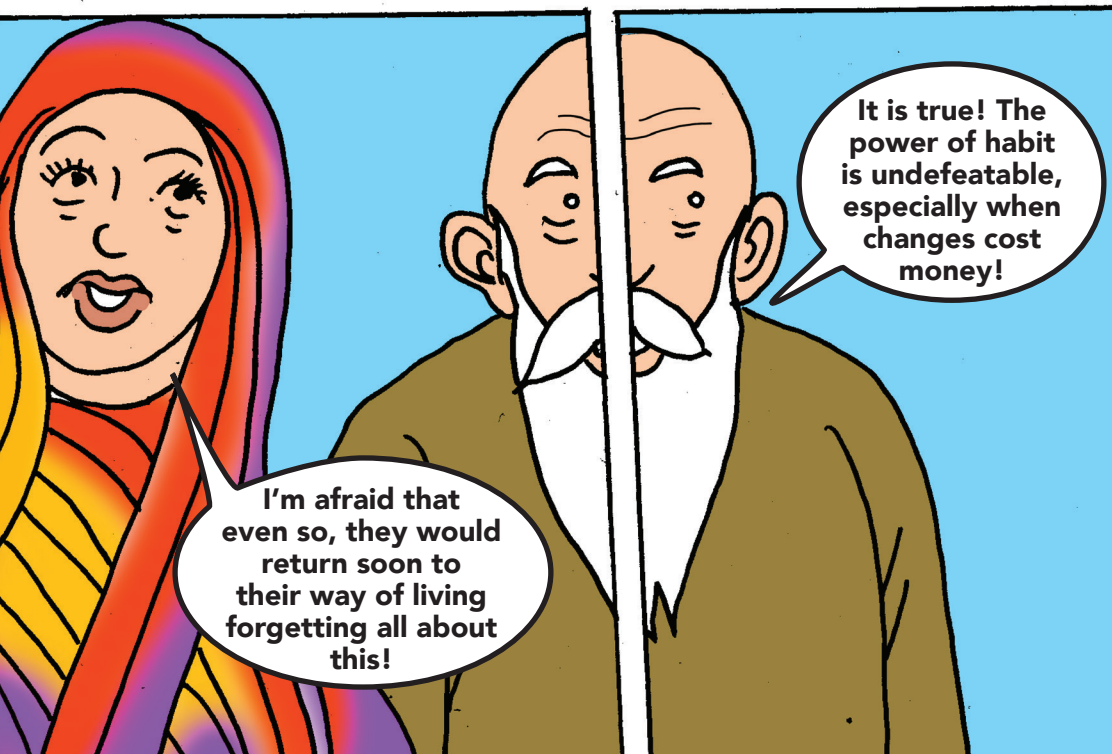
What's the problem?

Let me introduce you to Mr. Tari! He is an environmentalist! He works at the National Institute of the Environment and I think we should listen to him!

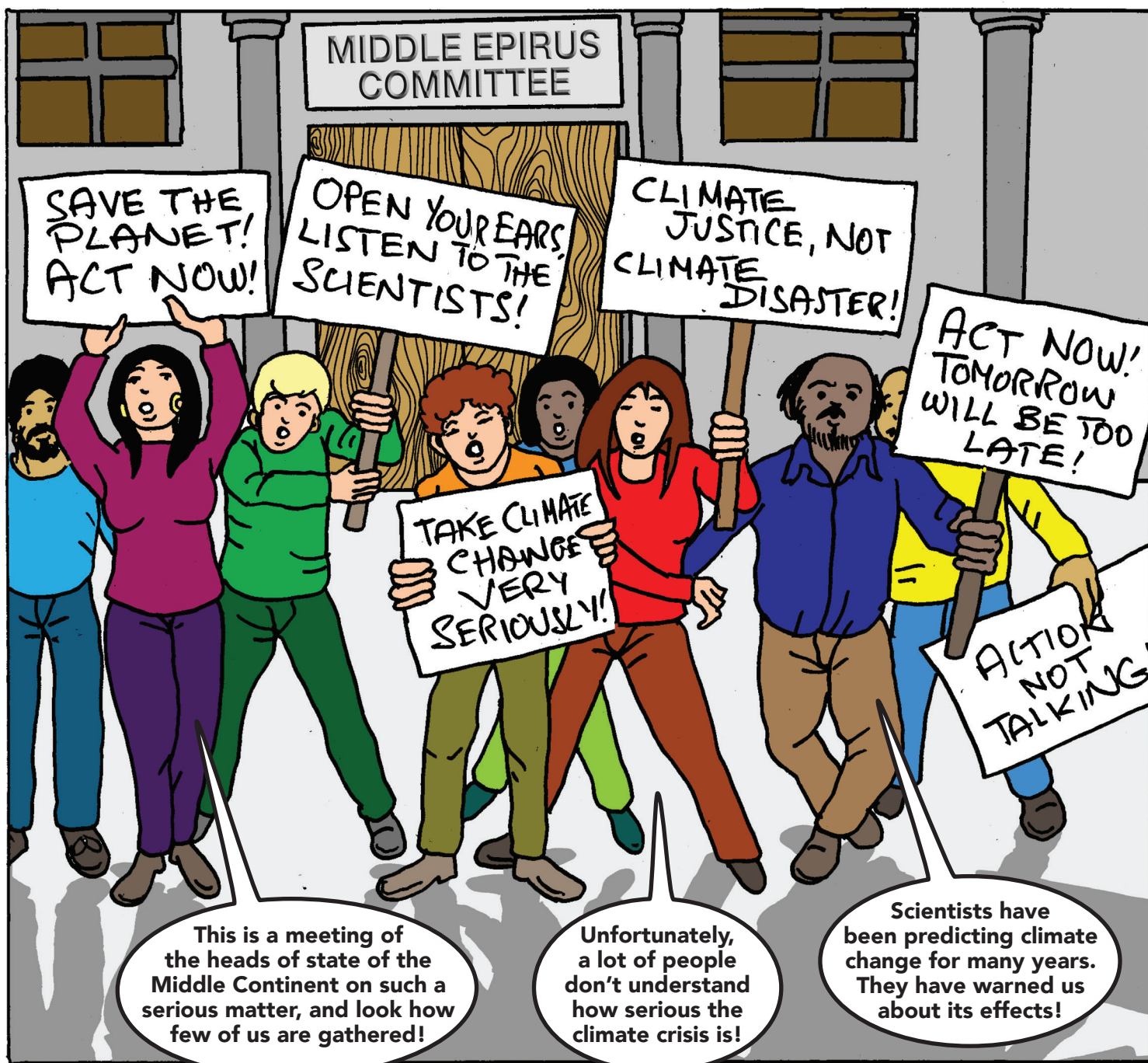


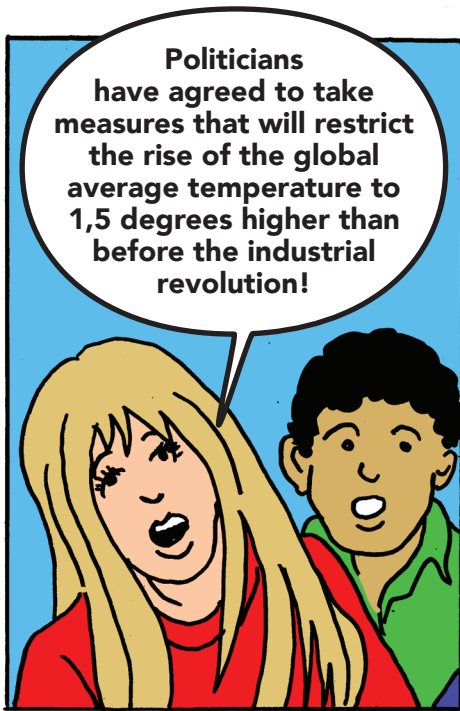














We're committed to zero carbon emissions by mid-century! Little progress has been made! Let's reduce the use of coal for electricity generation even further!



**CHAIRMAN**

If we replace coal-fired power generation with imported gas, electricity will become much more expensive! Citizens will react!



**CENTRAL MIDDLE CONTINENT**

We must finally invest more in the use of renewable energy sources: solar and wind!



**NORTH CONTINENT**

You produce wind turbines and photovoltaic panels and want to increase your exports! But we are already over-borrowing!



**CENTRAL MIDDLE CONTINENT**

The southern pipeline could be used to transport the ample south gas to all the countries of the Middle Continent as well!



**GREAT CONTINENT**

I do not disagree, but in the best-case scenario this will happen after 6 to 7 years! We need immediate solutions!



**NEW CONTINENT**

They're thinking more about the economic benefits of their countries and less about climate change! Citizens are not well informed about the danger that threatens them!



It seems they do not believe what the scientists say! Our lives in the years to come depend on their decisions and yet, they are counting gains and losses!



They talk about mining and transporting fossil fuels while agreeing to zero carbon dioxide production! Isn't that crazy?



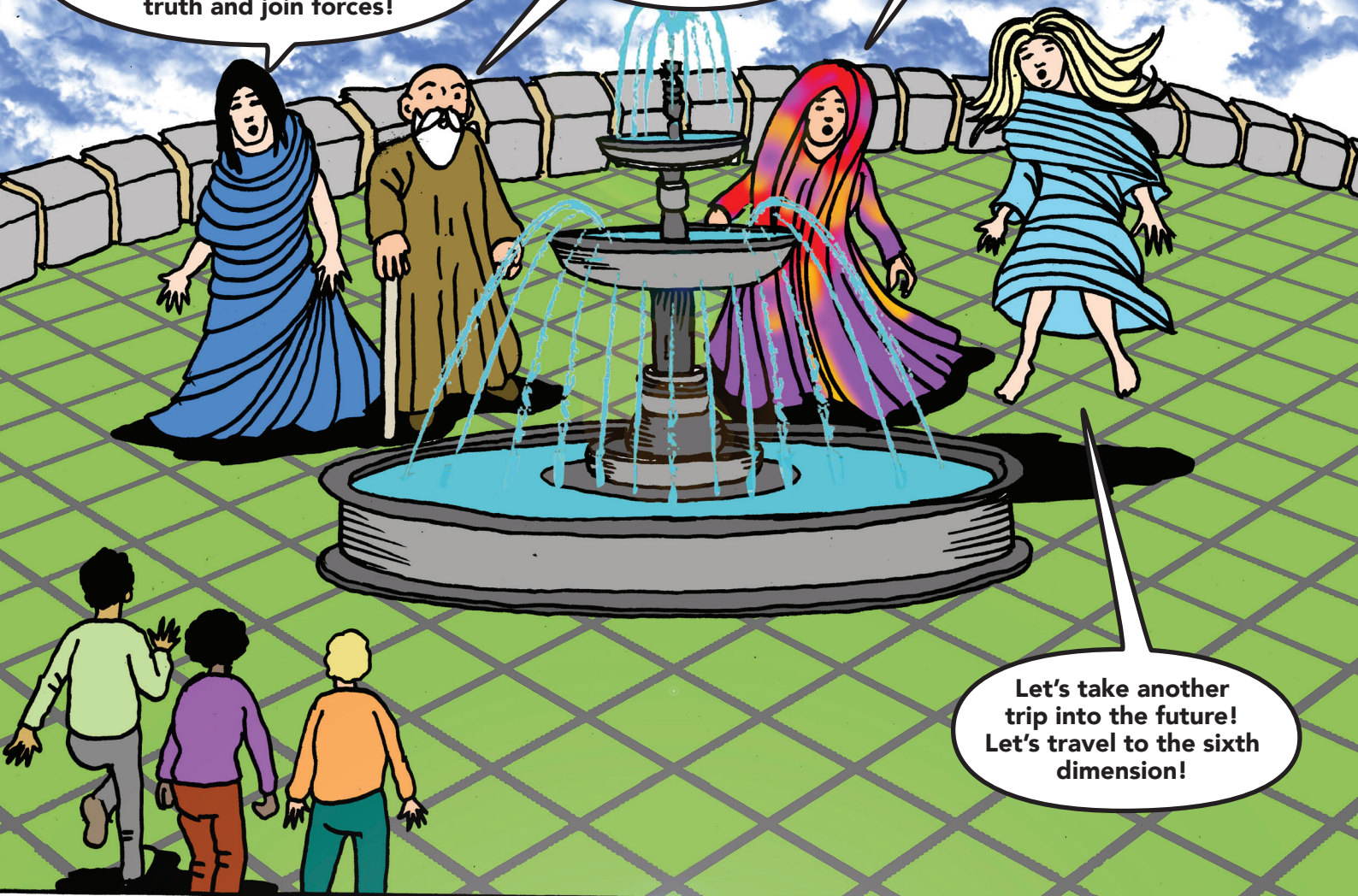


The three children leave the room! The four elements are waiting for them!

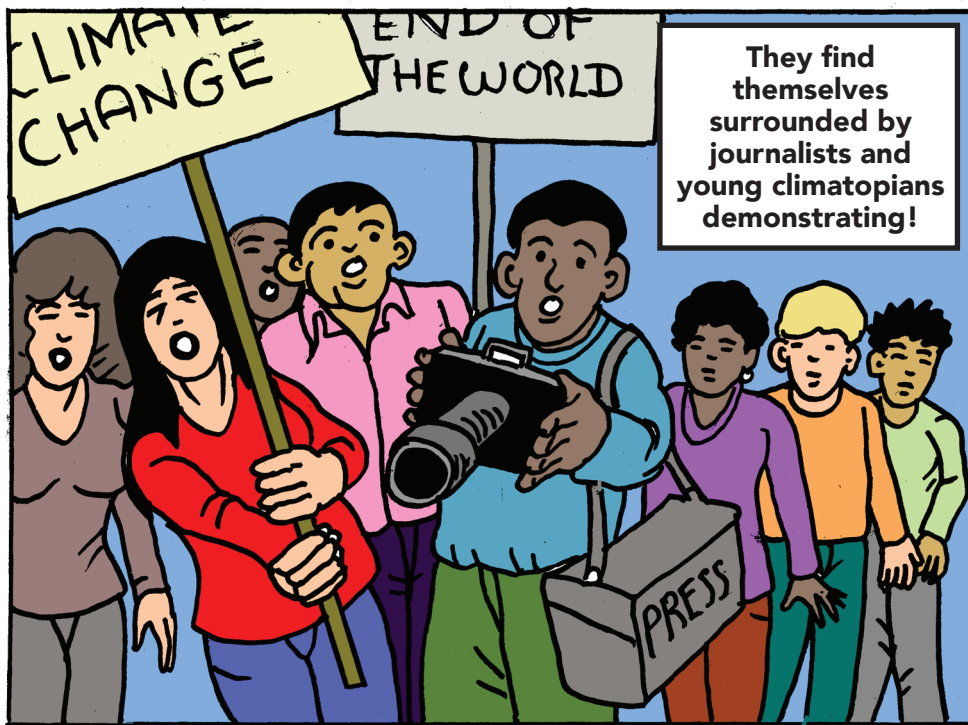
Don't get frustrated! You, the younger generation can achieve a lot if you learn the truth and join forces!

Every year the leaders of the 20 most economically developed countries in Climatopia meet in one of these countries!

There they discuss and try to solve the big problems of the planet!







They find themselves surrounded by journalists and young climatopians demonstrating!



What brings you here today?

We are here to shout at the leaders of the 20 major countries of the world that it is time for action!



Thousands of climatopians in my country and in many parts of the world suffer from hunger and lack of drinking water!



My family and I have left our homeland! Once it was a blessed place! Now drought and fires have made it uninhabitable!

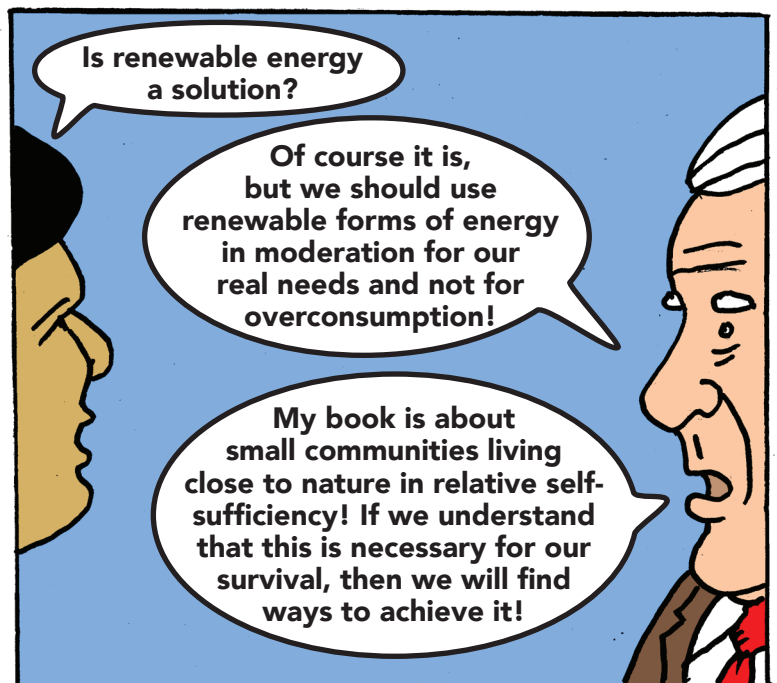


Professor, what message would you like to send to the leaders of the richest countries of the world?



I would tell them to dare to completely change their policies! Current policies are aimed at continued economic growth which requires consumption of resources and energy!

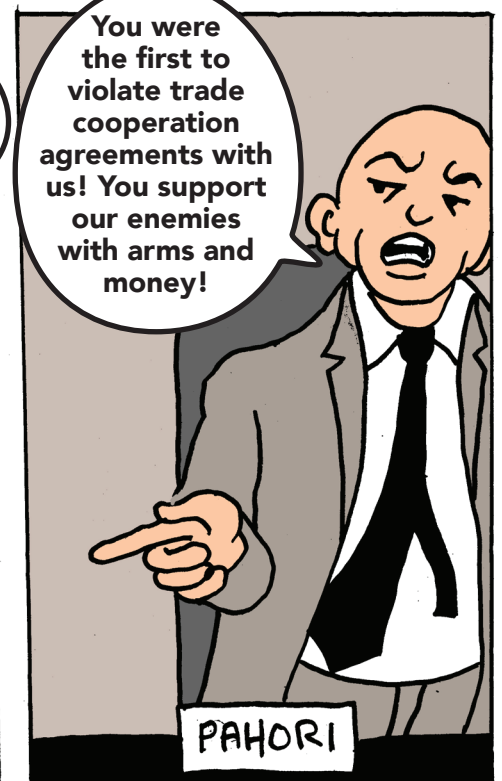
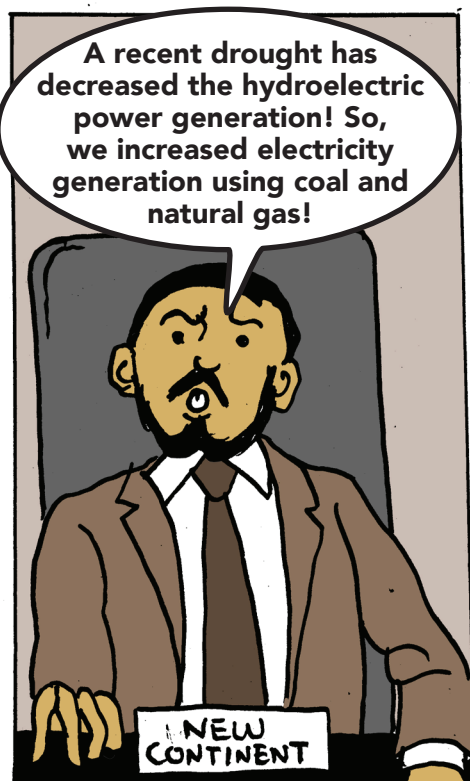
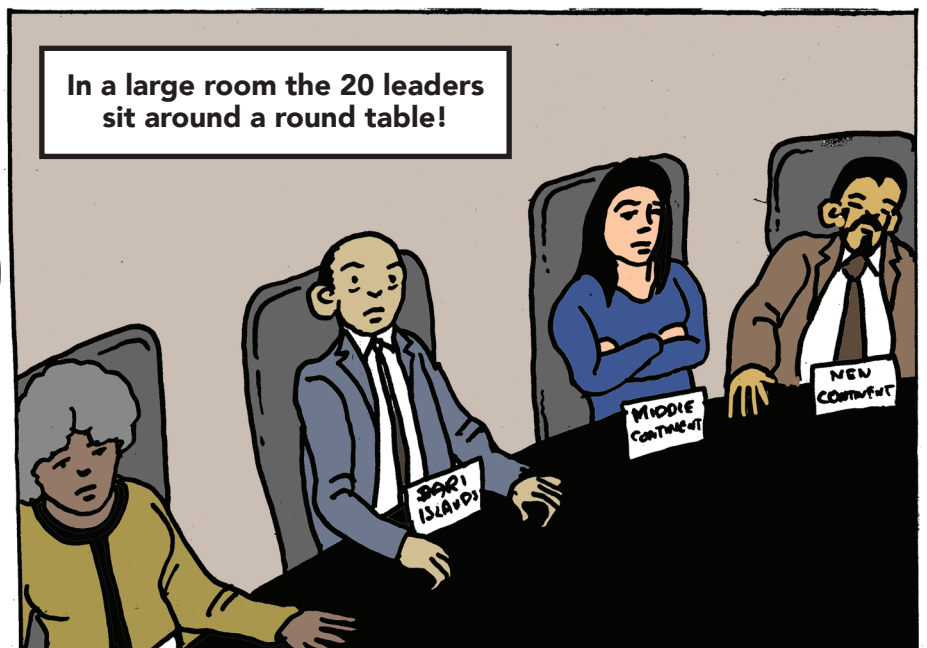
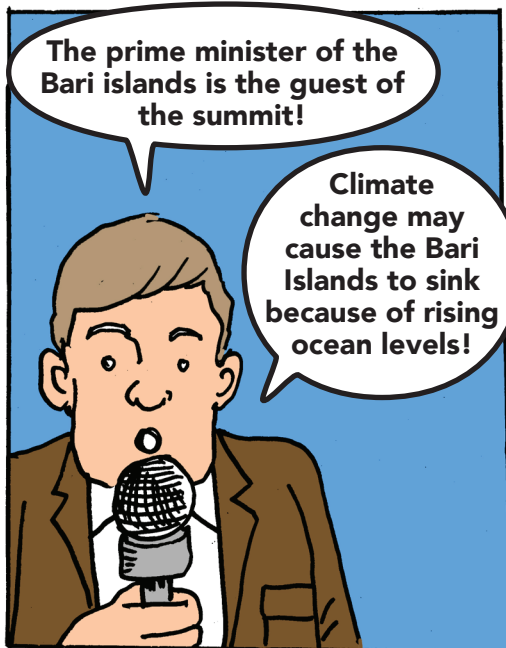
But natural resources are not inexhaustible!



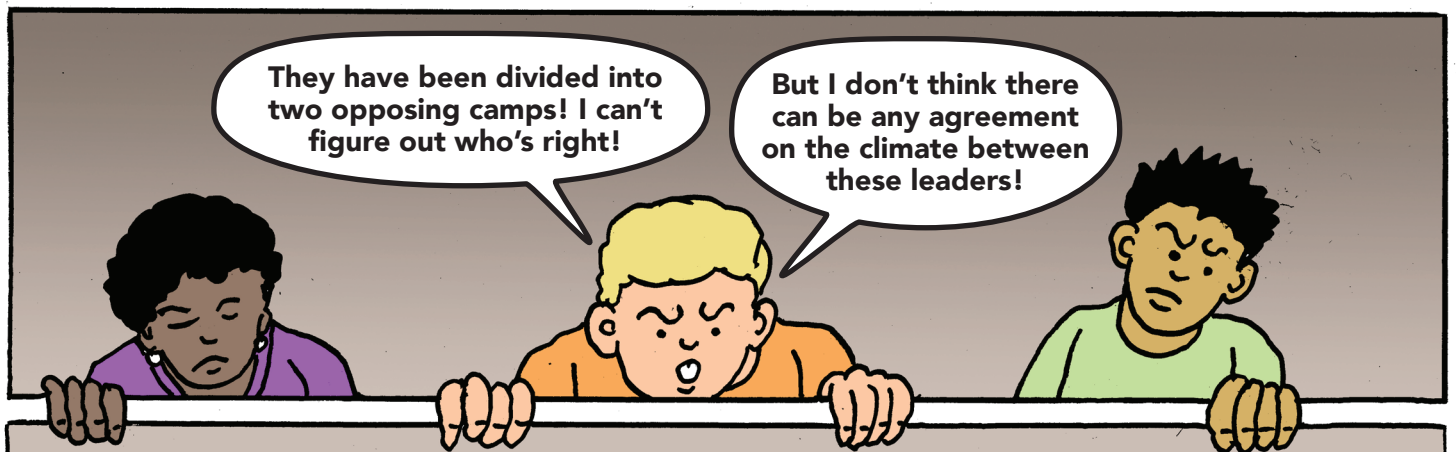
Is renewable energy a solution?

Of course it is, but we should use renewable forms of energy in moderation for our real needs and not for overconsumption!

My book is about small communities living close to nature in relative self-sufficiency! If we understand that this is necessary for our survival, then we will find ways to achieve it!

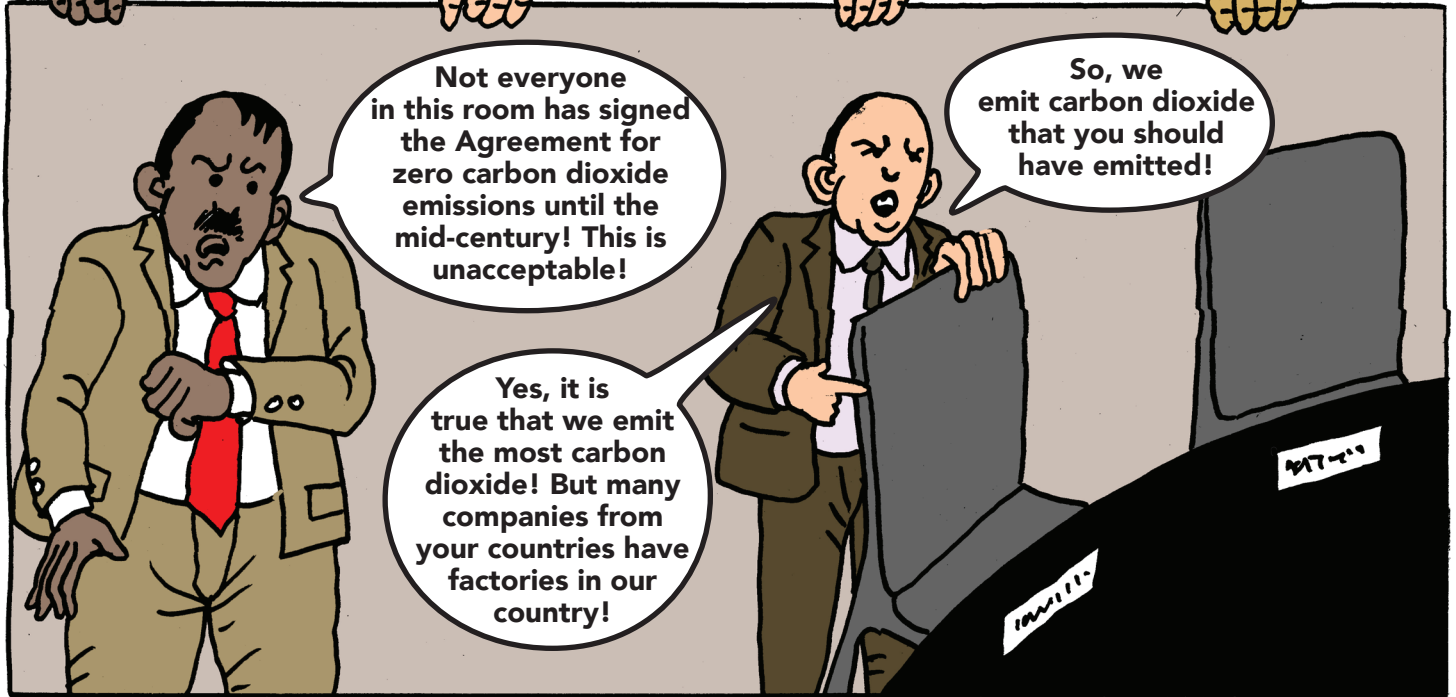






They have been divided into two opposing camps! I can't figure out who's right!

But I don't think there can be any agreement on the climate between these leaders!



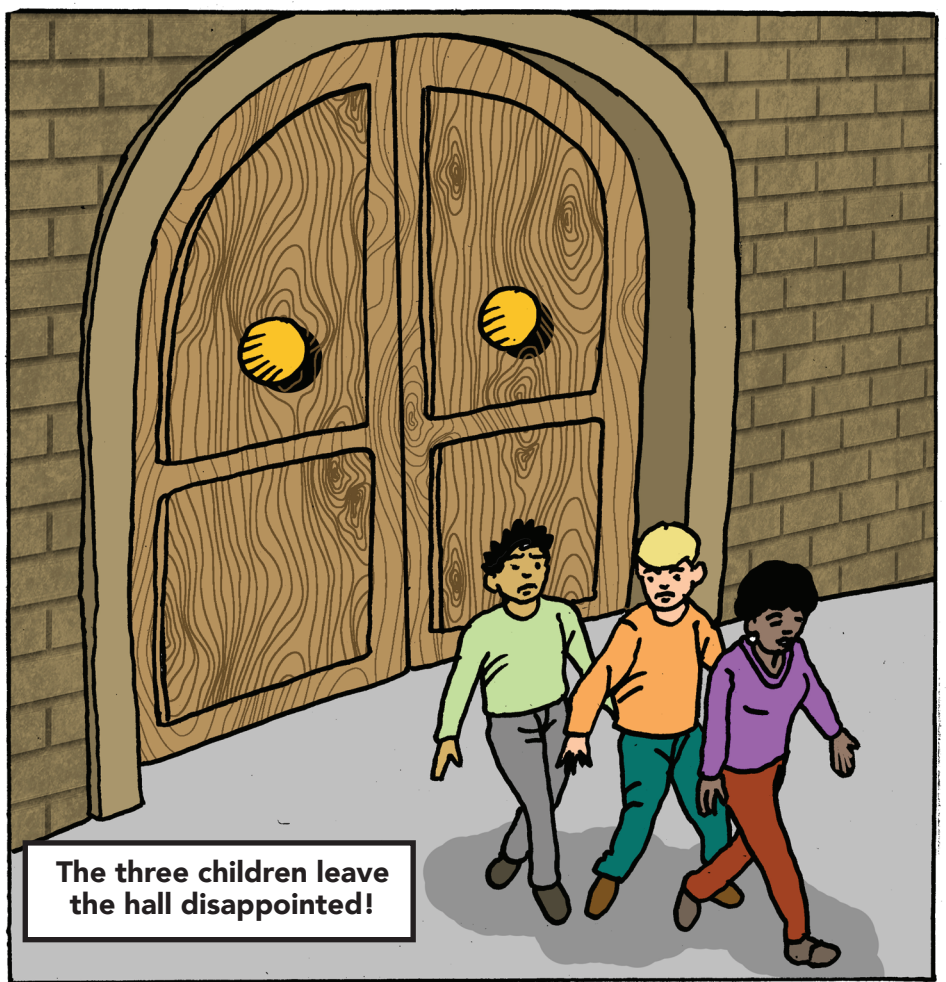
Not everyone in this room has signed the Agreement for zero carbon dioxide emissions until the mid-century! This is unacceptable!

So, we emit carbon dioxide that you should have emitted!

Yes, it is true that we emit the most carbon dioxide! But many companies from your countries have factories in our country!



I don't understand much of what they say! But I do understand that they blame each other instead of working together!



The three children leave the hall disappointed!



# CLIMATOPiA

## EPILOGUE

We need to talk to the Climatopians who live around us: Our families, our friends, our classmates, wherever we can! We should tell them about the danger that threatens us, that it's not in the imagination of some scientists!

To tell them that we all have to change our lives!

Let's tell them that nature is not a threat, it's not taking revenge on us, as some Climatopians believe! On the contrary, nature is our greatest ally in trying to stop global warming!

Yes, to rebuild our relationship with nature! To live close to it, to know it, to study it! To make the barren fields fertile again, the burnt forests green!

Climatopians can leave the big cities and live and work close to nature! The crops and forests will do for us what they know how to do: absorb the carbon dioxide that is choking the planet!

Let's reduce our energy needs! And what energy we really need we can get without hurting nature: from the sun, the wind, the flowing water!

Science and technology are tools that will help us with all of this, if we use these tools properly!

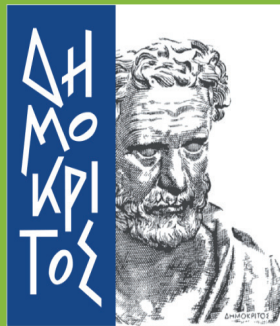
And you, dear students, can decide how all of this that Melan, Zon and Barr are saying can be done!







UNIVERSITY  
OF LATVIA

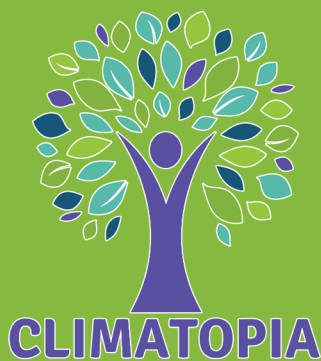


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# CLIMATOPIA



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