

URBAN FUTURE SCENARIOS UNDER CLIMATE CHANGE

RIO 2050

HEAT WAVES ERA

life under the sun and the trees

**Camila Maia
Lorena Peña
Helena Carmona
Maria Eduarda Pessoa**

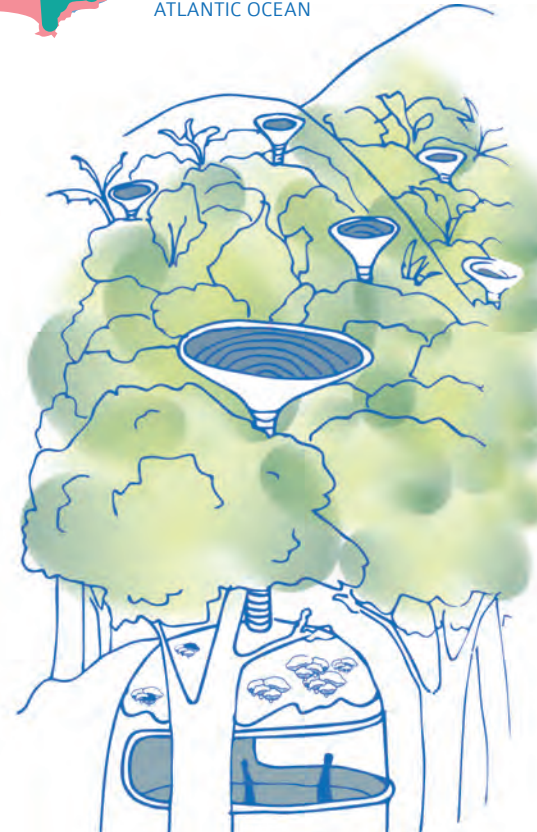
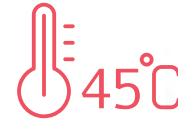
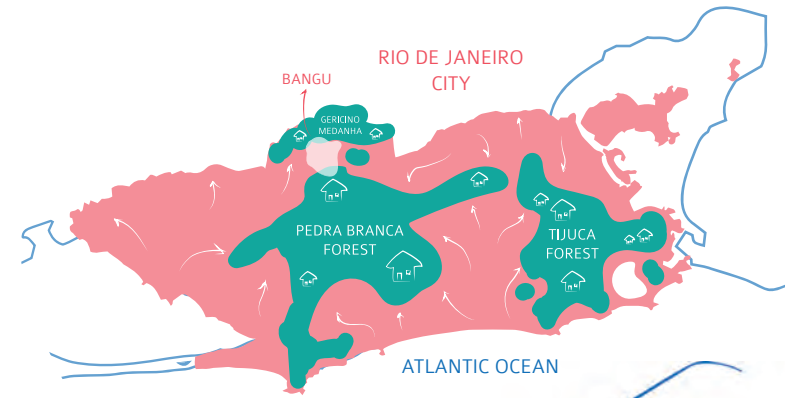
A lot has changed in society and in the city of Rio de Janeiro in the first half of the century. In Rio, 2050, there are recurrent and long heat waves, caused mainly by gas emissions and global warming. With the worsening of temperature in urban areas, the population began to migrate to green areas, seeking refuge under the trees.

At this point, the city is suffering from an energy and water crisis, resources have become more expensive and that is why they are monopolized by companies that enriched themselves by destroying the environment.

Consumption habits have changed a lot. When energy prices went up, it damaged many industry operations, such as food production, factories operations and even transportation of goods.

Most people are now vegetarians because cattle didn't survive in the growing heat, and also because meat production made the heat waves worse due to gas emissions. On the roofs of forest buildings, mushrooms and fungi are grown for food and medicine.

People no longer work from 9 to 5: working hours have been adjusted to start after 4pm, so the sun is down and people won't pass out from the heat, especially those who work outdoors. Leisure activities also take place mostly during the night, when the temperature is bearable.





Rio 40 degrees: city is the hottest ever during this winter

Rio has been facing higher temperatures for a few years now. However, this is the first winter in which cariocas see the thermometers get to 40 celsius degrees. While environmentalists are extremely worried about what that could mean to local sea species and their seasonal migrating movements, people are thrilled to enjoy more days at the beach.



STOP THE WAR!

The boardgame "War in Rio" had it's production stopped and products removed from the stores as it was considered too violent for society.



The best of winter presented in Rio Fashion Week

Check out the outfits that rocked the catwalk.

Gangster's Paradise: Rio de Janeiro and its eternal hostage struggle of criminal organizations and local militias



Would Rio be the new Naples? Not necessarily. Here crime is not just a business, but a power project that went wrong for the perpetrators. After losing control of much territory that is now clandestinely governed by alternative powers, Rio's political class approved a new governance model that

provides some independence of municipalities and districts in the state capital. There are those who criticize the project since its first proposal. The authors argue that this hyper-municipalization process of the city will help them in the recovery of areas dominated by parallel power.



O Globo

november 17 2050



oglobo.com

Hyper-municipality: understand all about the new model of government

In conformation with what has been happening for years unofficially, municípios take a step to be more independent from Federal and State Powers

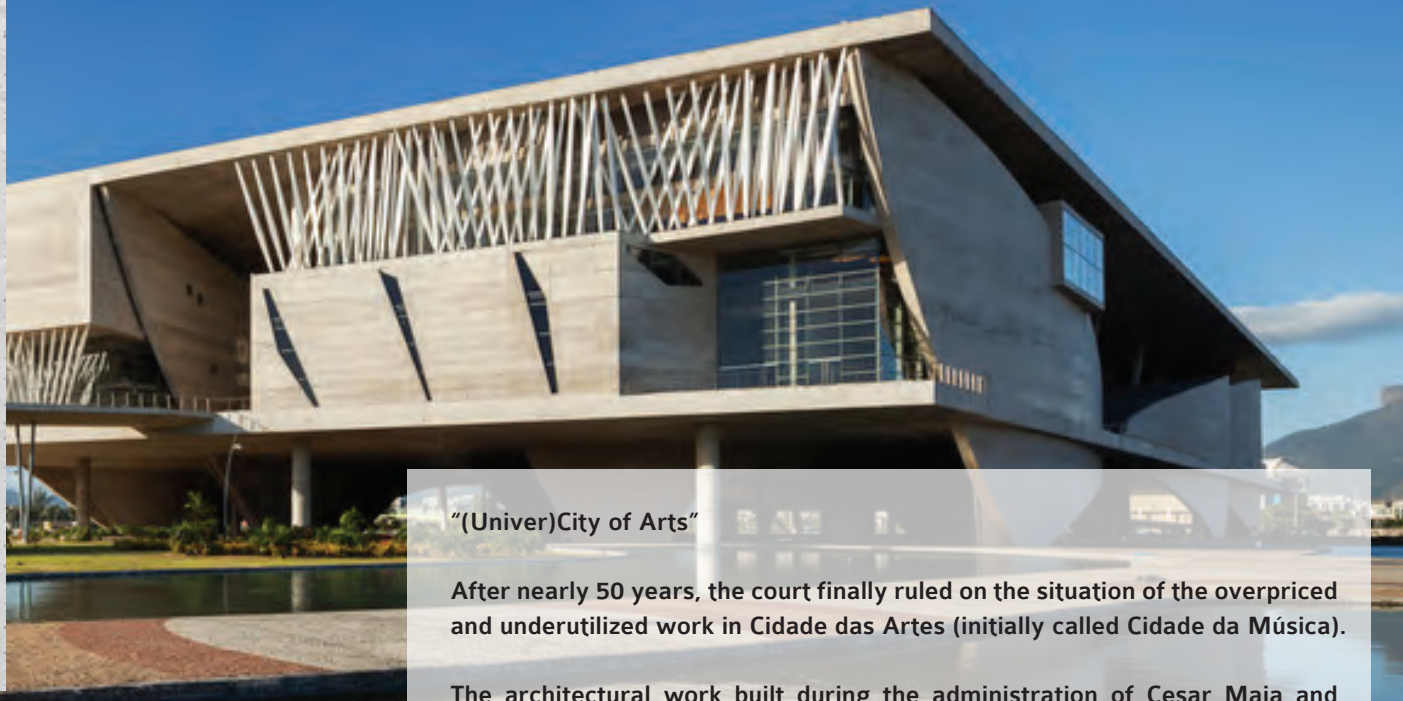
(Univer)Cidade das Artes

By HELE CARMONA

Depois de quase 50 anos, a justiça finalmente tomou uma decisão sobre a situação da obra superfaturada e pouco aproveitada da Cidade das Artes (inicialmente chamada de Cidade da Música).

A obra arquitetônica construída durante a gestão de Cesar Maia e projetada pelo arquiteto francês Christian de Portzamparc vai virar um grande centro universitário de estudos das artes e finalmente fará jus ao nome que recebeu.

Juntamente com o Barra Sound (antigo Barra Music) e o Barra Forest (antigo Barra Garden), a Cidade das Artes faz parte de um polo criativo universitário com diversos estudos em artes plásticas, visuais, sonoras, sensoriais e multimídia. A gestão de sucesso e os muitos avanços nas pesquisas do Barra Forest, rendeu para o Polo prêmios importantes e patrocínios bilionários. A prefeita do Rio aposta no mesmo futuro para o novo centro.



“(Univer)City of Arts”

After nearly 50 years, the court finally ruled on the situation of the overpriced and underutilized work in Cidade das Artes (initially called Cidade da Música).

The architectural work built during the administration of Cesar Maia and designed by the French architect Christian de Portzamparc will become a big university center for the study of the arts and will finally live up to the name it received.

In addition to Barra Sound (formerly Barra Music) and Barra Forest (formerly Barra Garden), Cidade das Artes is part of a university creative hub with various studies in plastic, visual, sound, sensorial and multimedia arts. The successful management and the many advances in research at Barra Forest, earned this hub important awards and billionaire sponsorships. The mayor of Rio is betting on the same future for the new center.

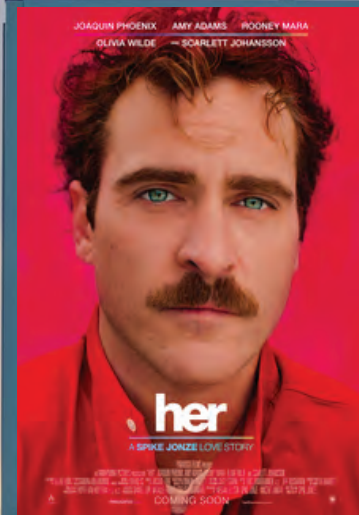


MJ Fashion Week

By MARCELO D420

Sucesso nas passarelas da moda, coleção de roupas de fibra de cânhamo produzidas no distrito de Tijuca do Sul ganha destaque pelo modelo circular na cadeia do produto: o que não é fumado, vira roupa!

Applauded at fashion shows, collection of hemp fiber clothing produced in the district of Tijuca do Sul is highlighted by the circular model in the product chain: what is not smoked, becomes clothes!



Watch the good old
romantic movies

Only at
Amazon Vintage Tv Emulator

A Vida Depois do "Não"

By ENZO VALENTINO

Após anos de assédio do seu assinante, assistente virtual de AI da Amazon no Brasil, Tainá, acaba por desenvolver reações e comandos não contemplados no código do seu programa.

Acredita-se que as recorrentes situações de stress causadas por cantadas e insinuações sexuais, levaram Tainá a registrar queixa na delegacia da mulher, encomendar 12 caixas de spray de pimenta e marcar consulta com 3 psicólogas diferentes.

After years of harassment from her subscriber, Amazon's AI virtual assistant in Brazil, Tainá, ends up developing reactions and commands not contemplated in her program code.

It is believed that the recurrent stress situations caused by innuendoes and sexual harassment led Taina to file a complaint at the women's police station, order 12 boxes of pepper spray and make an appointment with 3 different psychologists.

NEWS FROM RIO 2050

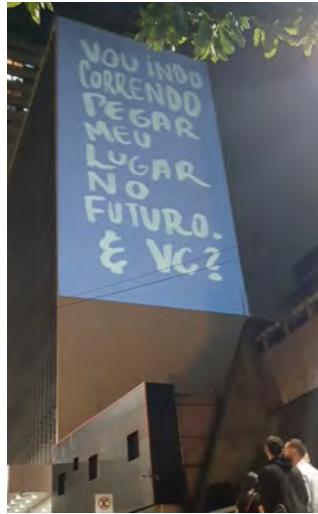
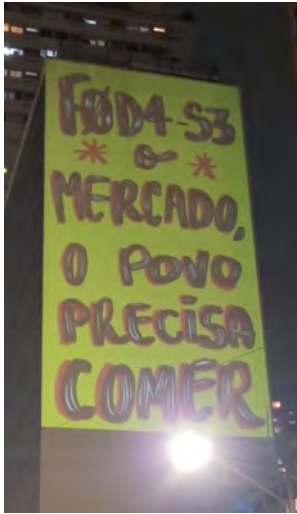
Danielly Franco 
20/08/2050 at 11pm 

As governor of Rio, I am very proud of the achievements we have made. We still have a lot of work to do. Our people will eat well!



terraesferica.org

Rio finally leaves the Hunger Map
The Sub-municipality Tijuca do Sul becomes a reference in the production of 3D printed food and promotes fair trade between neighborhoods.




Maria Joaquina
[@princesinhadabarra](#)

Leftist municipal governments want to shove the poor into our homes!!1 We cannot allow this. If I have a beach house it is because I DESERVE IT!!!!


12:00 PM

2.4K Retweets 511 Quote Tweets 18.7K Likes

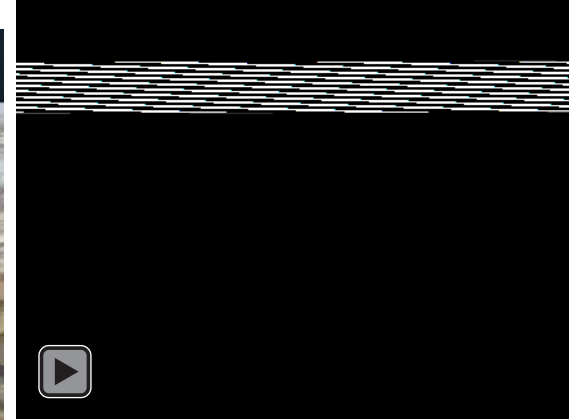


Enzo Valentino
18/11/2050 at 2am 

How did we get to this point? That's insane.



RIO IS DROWNING!
Sea level has reached its highest point.
Sign this petition to demand integrated action from municipal governments



Camila Maia, 28,
designer & ceramist.



A good day of sleep

5am-1pm   40°C

My days are never ordinary, but I follow some routine and go to different places in the city.

I sleep with my cat, he is my housemate and also my assistant.

We live in Tijuca do Sul, near the Ouriço waterfall, our house is small but fresh and it is located in the housing complex of an agroforestry community.



Anytime is coffee time!

1pm-2pm   42°C

When I wake up, I first feed the kitten and then have my first coffee brew of the day.

After the "morning" caffeine hit, I go to the green roofs and pick the mushrooms for my meal.



It's hot and I'm a potter...

2pm-6pm   40°C

After that I walk to the community prototyping workshop. There I manage the ceramic workshop where I make pots and tools for preparing and preserving food.



The studies of before, now and later.

6pm-11pm  * *  35°C

My second work shift is in the laboratory for studying practices and technologies from nature.

I arrive at the university center through underground tunnels and air-conditioned vehicles.



Moon River

11pm-2am  * *  28°C

When I get home, I do a nebulization session to clean up the leftover air pollution on my lungs.

After that, I go to meet the samba jazz and blues musical group.

We play to the moon, our great ruler, who guides our lives. We didn't choose to live the night, but we live it in the best possible way.



A DAY IN RIO 2050



Liked by john and 1,560 others

camilamaia.me · 3D printed banana!
[#fooddesign](#) [#biomimicry](#) [@biomimeticaesdi](#) ... more

[View all 20 comments](#)

5 MINS



Liked by enzovalentino and 2,602 others

camilamaia.me Totally approved!
[#fooddesign](#) [#biomimicry](#) [@biomimeticaesdi](#) ... more

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hele.carmona girl pls stop eating all the food!! 🙄

2 MINS



diet: less meat consumption

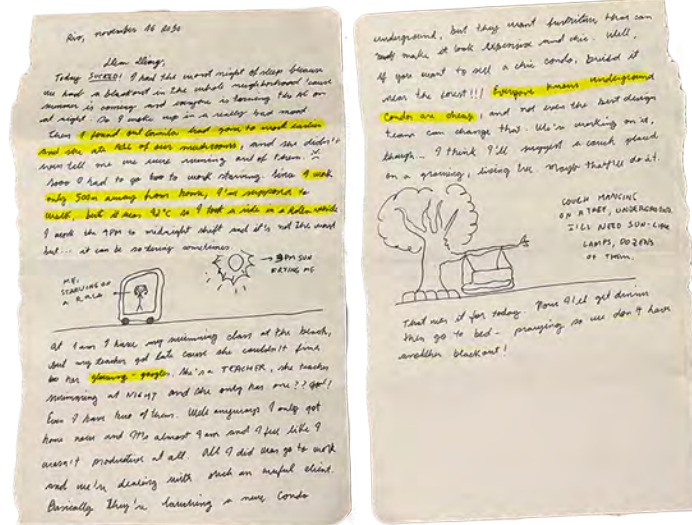
"I found out Camila had gone to work earlier and she ate ALL of our mushrooms"



urban mobility: less walking

"Since I work only 500m away from home, I'm supposed to walk, but it was 42°C so I took a ride in a Rolla vehicle"

Helena's Diary

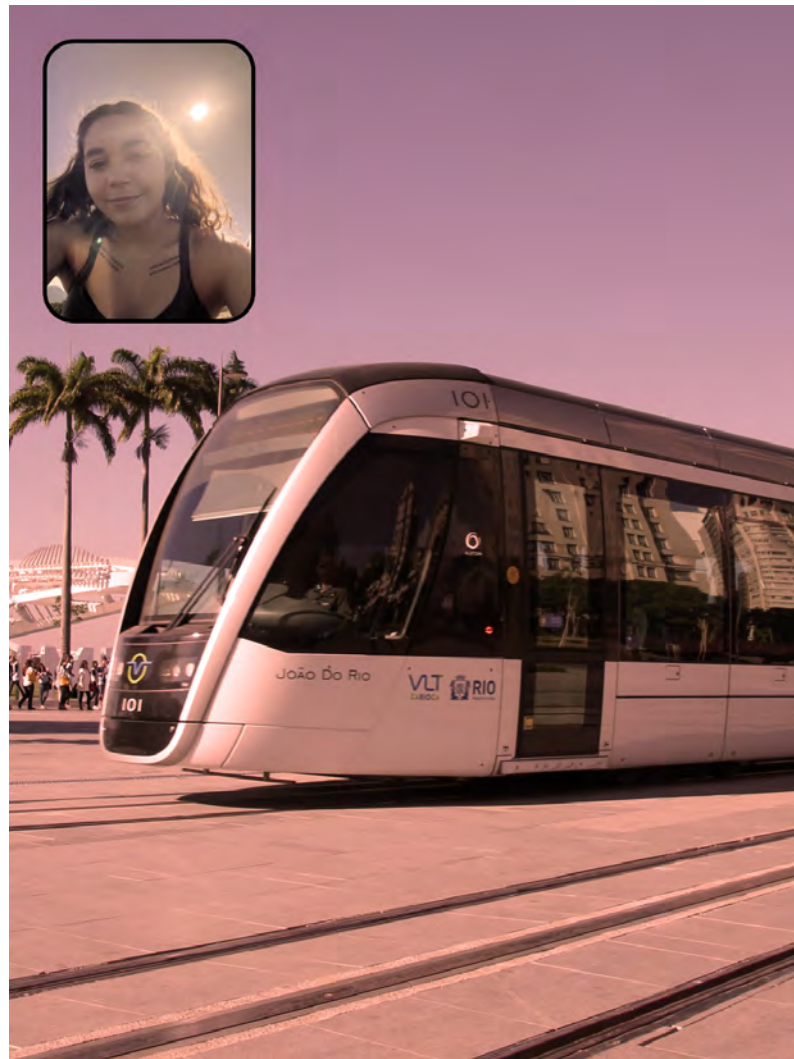


change of habits: nocturne sports
"glowing goggles" for swimming at night



geo-social segregation
"Everyone knows underground condos are cheap!"

A DAY IN RIO 2050



helena
@heledofuturo



omg i cant believe im STUCK at work bc apparently theyre having violent protest against energy rationing and every street is blocked wtf

9:36 PM · Nov 17, 2050 · Twitter for iPhone 58

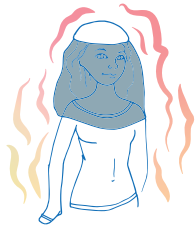
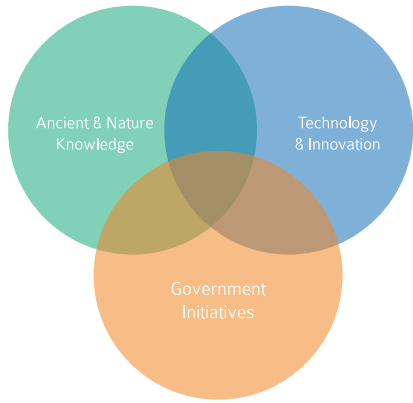
4 Retweets 3 Tweets com comentário 17 Curtidas



A DAY IN RIO 2050



“The Life of an average citizen in Rio2050”



Inside buildings, people wear less fabric; but outside, especially when the sun is up, everyone wears clothes that cover most skin, to be protected from the sun and heat.

The new masks are veil-shaped and cover the whole head and shoulders. The translucent fabric filters polluted air and prevents respiratory contamination from viruses that sicken the population.



Nebulization is a daily activity to mitigate the negative effects of pollution on the respiratory system. Some vitamins are added to the water to minimize the deficit caused by the lifestyle changes.



Food is often fermented and preserved to make it last longer.



There are also those who live in luxurious buildings. They are not so spacious, but they offer convenient services to their residents.

Many of these buildings promote meetings and socialization activities, as many people spend the day indoors working. There are those who are still interested in meeting their neighbors in safe environments.



The big houses are wide, panoramic. It has individual power and water use and this will be expensive. In these houses there are flowers and vegetable gardens.

Its external walls are invisible, but even so, those who live in these houses have more privacy.

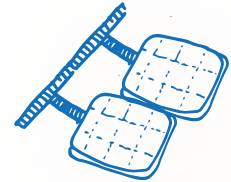


The communities that lived in the deforested hills, formerly known as Favelas, suffered a lot from landslides in recent decades. They reorganized themselves and using their knowledge, effort and structural help from the government, created their collective occupations and residential villages.



The houses collect and treat rainwater to supply the communities.

On the roofs of forest buildings, mushrooms and fungi are grown for food and medicine.



Access to water and energy is still scarce, so people often create their own tools for collecting solar energy and water. They are called "Manual Hackers" and create sophisticated systems to provide resources for the population.



The reforestation process was laborious, but today it provides quality of life for people.

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ESDI



This Scenario was built during the "Rio 2050: Urban Future Scenarios" Workshop, at ESDI/UERJ, in november 2022.

The authors agree it be made available at the Urban Future Scenarios website, with open access, and used as reference in future workshops.