

**URBAN FUTURE SCENARIOS UNDER CLIMATE CHANGE**

**RIO 2050**

# **What about the Waters of March?**

A story about a Rio of Drought

Camylla Barros, Leonardo de Morais, Richard Duarte



# RIO 2050 IN A NUTSHELL

**In our imagined scenario, Rio faces 2 years without rain.** In consequence of the drought, there have been multiple fires destroying known city forests, like Parque Estadual da Pedra Branca and Floresta da Tijuca, but those fires have long ceased to be restrained to the forests: multiple families have lost their homes to the flames. Rio inhabitants have been trying to get used to their new reality, but the city has never been hotter and impossible to breathe properly. Hospitals are crowded with people who were once healthy, but now don't know how to deal with increasing rates of respiratory diseases; nor do the doctors. In addition to that, the city has lost its colors to a grayscale landscape provoked by the intense smoke coming from the never ending fires. In spite of that, no hope is lost: there's several spheres of society bringing some light at the end of the tunnel. New medicines for the most affected by diseases like asthma are surfacing; common people are improving their knowledge about reuse water; we learn that environmental consciousness has nothing to do with financial power. It's time for us to readapt to this new reality.



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# STATE OF EMERGENCY IN RIO

## Mayor declares a week emergency recess due to fires in Pedra Branca

Four months after the first protests for measures to mitigate the impacts of the fire in Pedra Branca, Mayor Claudio Castro Jr. finally declared a state of emergency and a week's recess in the city. The measure seeks to reduce displacements in the city and free up space for firefighters and health services to have free roads to work. The city hall informs, in a note, that the bus fleet will be reduced and recommends remote work. The coordinator of the Independent Entity for the Climate, Rosângela Silva,

criticized the city hall's delay: "The mayor has been saying that the economy cannot stop, but he doesn't see that it has already collapsed. The big problem is that we have learned nothing from the past." Silva, who is a professor at UFRJ, says she is shocked by the mayor's inaction in the last two years and the lack of coordination with the presidency of the Republic: "We have known for decades that the problem is global, but the political class does not act together." **Page 3.**



*Rio of Drought*

City adapts as it completes two years without rain. **Page 8.**



### *Signs of recovery?*

Amazon area increases for the first time. Scientists are still afraid that savannization is irreversible. **Page 21.**

#### **ECONOMY**

### **Fresh fruit back in the shelves after 3 months**

With the help of Dutch technology, vertical farms in the Serrana Region finally returned to producing fresh fruit after being paralyzed for more than a year. With the resumption, producers hope that prices will be reduced and that fruits will no longer be luxury items. **Page 4.**

### **Reuse water is the main resource of 80% of agribusiness**

Water recycling technology helps to preserve springs and groundwater in the country. Brazil hopes to reach 90% adoption by 2055. **Page 4.**

#### **CITIES**

### **Favelas have a solution to water management**

Solutions adopted in Ghana and the Philippines inspire community leaders in the favelas of the North and West Zones. **Page 15.**

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#### **HEALTH**

### **Emergency rooms reach record number of ARDS patients.**

Hospitalizations for respiratory problems have been growing. Director of Hospital do Andaraí remembers the 2041 pandemic. **Page 5.**

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## **Scientists develop asthma inhaler with less side effects**

*New device reduces the risk of heart failure and may be available in two years for SUS patients. **Page 6.***

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### Rio 2052: committee bans water sports as a last solution to keep the Olympics in Brazil

The nightmare has been confirmed. Since when Rio agreed to host the Olympics, after the refusal of seven other cities, many problems seemed

to threaten its realization here. The water crisis, however, seems to offer more risks for the city and for the Games themselves. **Page 41.**



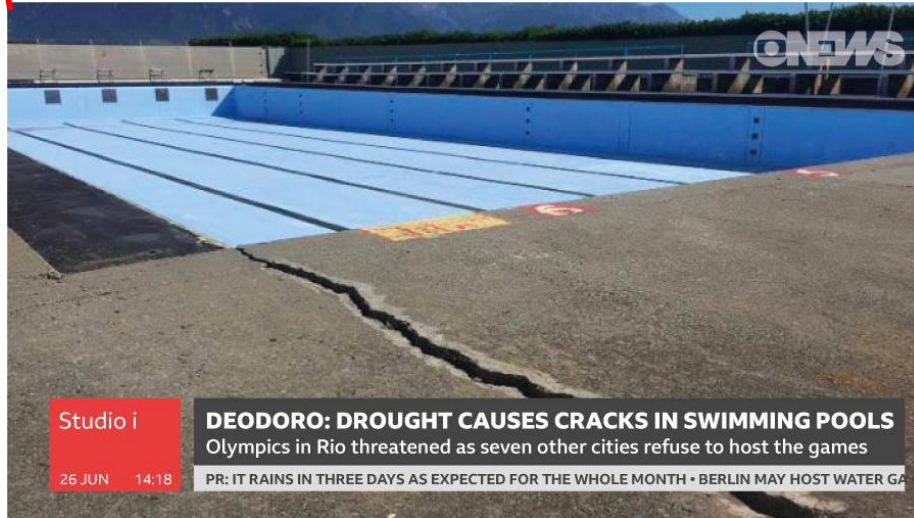
### Artists gather in a new concert to save the Atlantic Forest

*Anitta emerges from retirement to perform. P.31*



### Luca Raia and Lua Tube split because of too many flights

*Influencers argue on the impact of their trips. P.32*



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26 JUN 14:18

### DEODORO: DROUGHT CAUSES CRACKS IN SWIMMING POOLS

Olympics in Rio threatened as seven other cities refuse to host the games

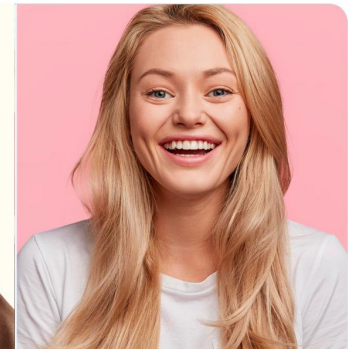
PR: IT RAINS IN THREE DAYS AS EXPECTED FOR THE WHOLE MONTH • BERLIN MAY HOST WATER GA



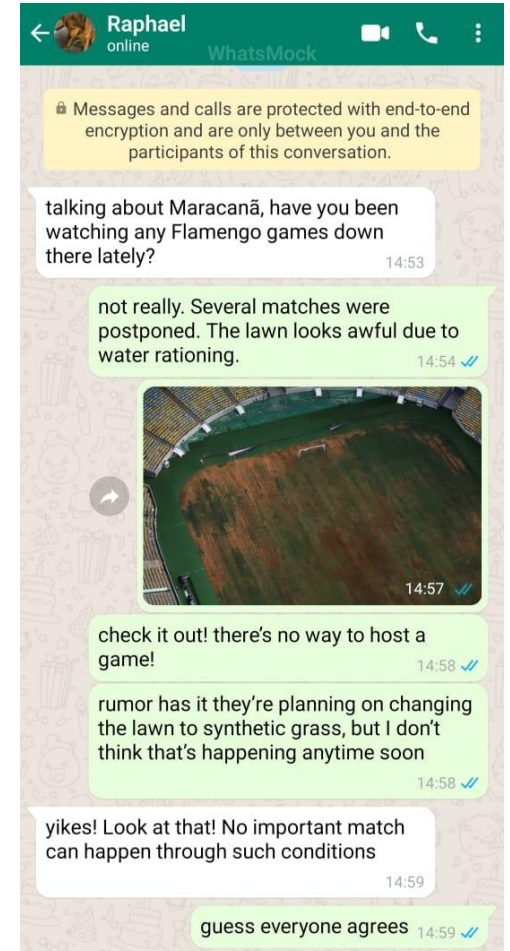
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**URGENT: Lua Tube and Luca Raia break up!!!**

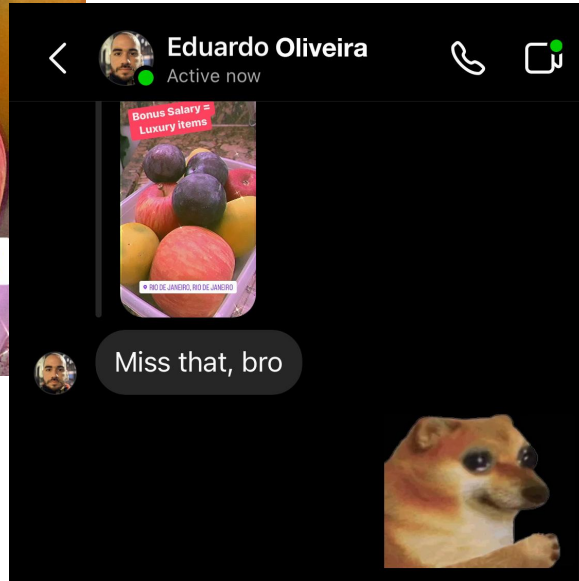
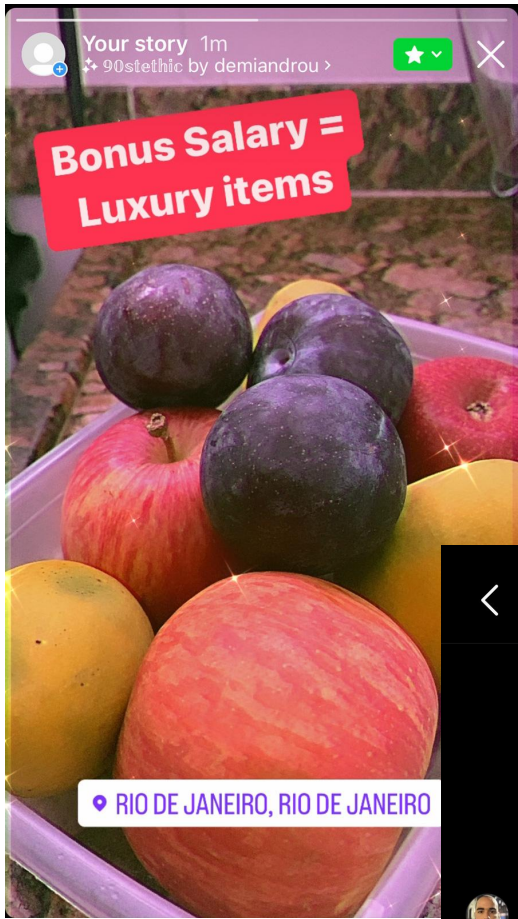
Luca's friend said Lua left him after his fourth private jet trip in one month: "I can't stay with someone who's destroying the planet", she said. Would you break up with your loved one for the nature?



# A DAY IN RIO 2050



# A DAY IN RIO 2050





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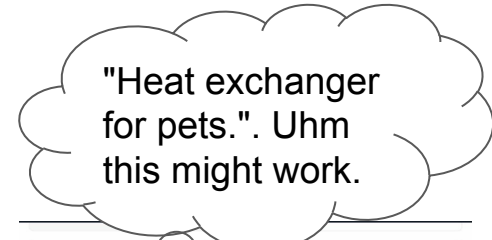
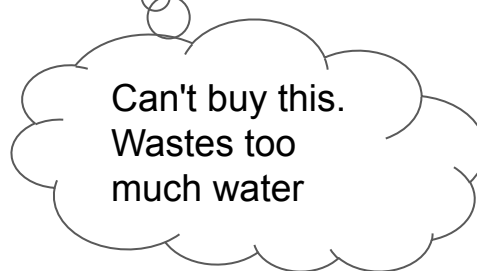
Aquapaw Dog Bathing Tool and Slow Treater Combo - Lick Mat Suctions to The Wall or...  
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Aquapaw Equine Bathing Tool and Slow Treater XL Combo - Lick Mat Suctions to The Wal...  
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 ★★★★★ 371  
 \$3484




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Pet Heating Pad for Dogs Cat Heating pad Heated Cat Bed Electric Dog Heating pad wit...  
 28X18 inch  
 ★★★★★ 93  
 \$3899 (\$38.99/Count)  
 Delivery Fri, Dec 9  
 Ships to Brazil  
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RIOGOO Pet Heating Pad, Upgrade Dog Cat Warming Pad with Timer, Safety Electric D...  
 Large: 25" x 17.75"  
 ★★★★★ 292  
 \$2479 ~~\$3099~~  
 Promotion Available  
 Delivery Fri, Dec 9  
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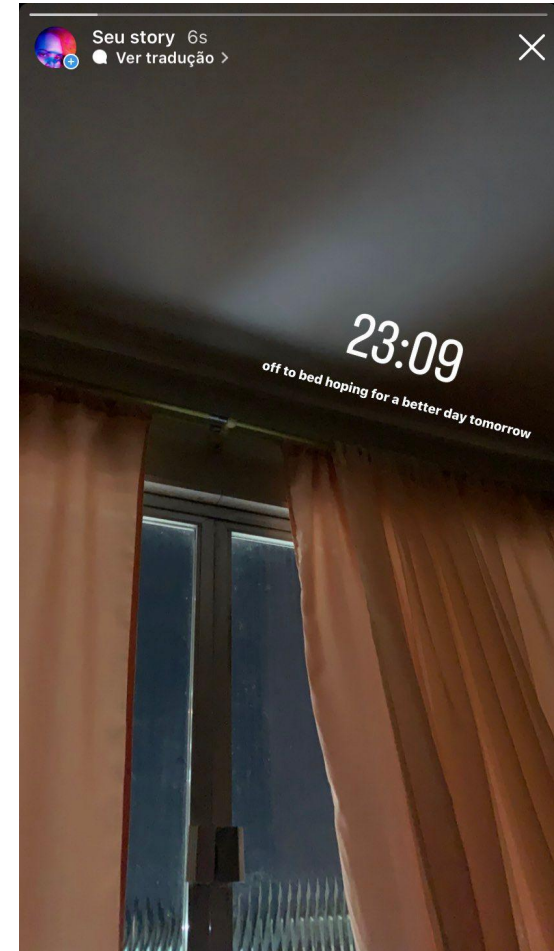
Clawsable Super Large Size Pet Heating Pad Electric Heating Pad for Dogs, Waterproof Do...  
 XL-48"x28"  
 ★★★★★ 715  
 \$5694 (\$56.94/Count) ~~\$66.99~~  
 Delivery Thu, Dec 8



# A DAY IN RIO 2050



# A DAY IN RIO 2050



**BEFORE THE END ...**

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# URBAN FUTURE SCENARIOS UNDER CLIMATE CHANGE RIO 2050

**ESDI**



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