


URBAN FUTURE SCENARIOS UNDER CLIMATE CHANGE

RIO 2050



Great floating community
River de Janeiro

Diego Joaquim Sabino Ramos . Gabriela De Laurentis . Iara Comas Brandão . Valentina Kurkdjian

RIO 2050 IN A NUTSHELL

Currently, 2050 in the city of Rio de Janeiro, in the former region of São Conrado between Rocinha and Joá, the society has evolved out of necessity towards a less selfish way of being. **Public transport is by sea and air, food is produced locally and distributed equally to population of the region.** People **live on the hills and in housing cruise ships**, with **solar and air energy**. Social life and common areas are located on plastic islands, which were produced with the huge amount of disposables. It is a **sea based society now**. There is **no more ground or individual transport**.

In 2040 we experienced a catastrophe on the region where landslides and floods occurred, isolating the area to rest of the city, leaving it under water and converting the area into Rocislands and Jowater (ex-Rocinha and Joá). A lot of people **believed it was caused by nature, but in fact it was caused by ourselves, - the people-**. The irregular housing constructions, deforestation, lack of basic sanitation, in addition to **heavy rains, were caused by the technological revolution that brought** the creation of disposables and the consumption society.





NEWS FROM RIO 2050

- Habitation
- Leisure & Lifestyle
- Everyday Life



HABITATION

- **Green House** Creation of own food system
- **Hanging lodge** Located on the hills
- **Bunkers** Rise of search below the sea level and on the hills
- **Co-living sea units** at Cruise ships



News

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Fashion Food Recipes Love & sex Health & fitness Home & garden Women Men Family Travel Money

Mushroom walls and waste-fuelled stoves: inside the self sufficient home



A house can be more than a place to live: it is a self-sustaining weapon against the climate crisis. Future Food System is anchored by self-watering garden beds filled with 35 tonnes of soil.

Hanging lodge in Rio, Brazil: Vertigo alert!



What used to be “Rocinha” favela is now inhabited by multiple hanging units that offer incredible views. You can only reach the accommodation by climbing, hiking, paragliding and zip wire, but it's definitely worth the effort.

Isolamento extremo: como são, onde ficam e quanto custam os bunkers

Explosão de procura de bunkers privados que chegam a custar R\$ 80 milhões



Professor sul-coreano incentiva a construção de bunkers diante de ameaça nuclear

Cruzeiros habitacionais: MSC Cruise Ship lança unidades de co-living no Rio de Janeiro

Tudo começou com várias experiências de sucesso nos Jogos Olímpicos



Por que manter a experiência apenas para viajantes e não locais? O Rio se mostra diferente agora em 2050 e já faz uma década oferecendo moradias populares para residentes e nômades digitais. Venha e junte-se a nós!

LEISURE & LIFESTYLE

- **Sustainable and growing clothes** Apparel that expands and contracts to grow as your child grows
- **Airborne escapism** A new category of #travel experiences
- **Floating parks** Fascinating public space made out of recycled materials for the residents to enjoy



Clothes that grow with little humans: a sustainable yet elegant design



Petit Pli are a modern and fit for purpose range of childrenswear that expands and contracts to grow as your child grows. Designs can grow through 7 sizes; with a single garment fitting a child aged from 9 months to 4 years. Avoiding clothing waste which is a huge problem for the planet. By extending clothing life by nine months alone, carbon and water footprints can be reduced by 20–30% each.

Travel experience: airscapism Airborne stays



A new category of #travel experiences is taking off and catering to a growing appetite for airscapism - airborne cruise, where flight and destinations are of equal importance. Read more...

Rio is celebrating its 50th 'floating park' made out of recycled plastic



The first floating park prototype in Rio Janeiro was implemented 10 years ago - Courtesy of the Recycled Island Foundation created by Esdi students. In Rio de Janeiro, there are several fascinating public space made out of recycled materials for the residents to enjoy — and it's built over water.

EVERYDAY LIFE

- **Excavation** Body remains of community leader
- **Activist visit** Greta Thunberg in town
- **Crime with drones** Group detected metals and precious items in the rubbles
- **Traffic jam in the water** Fruit and vegetable floating market in the middle of the city dispute
- **Renewal of Burle Marx gardens** Regenera Rio invests over 2 billion Reais in the venue
- **Water supply** The city regularizes the supply





Excavations for new construction Floating stadium reveals Geléia's body - former community leader

Blood analysis confirms the identity of community leader that helped save several families in the great landslide of 2040 in Rio de Janeiro.



Floating community in Rio de Janeiro

Greta Thunberg visits floating community in Rio

The 69-year-old activist visits plastic reuse factories. Fabrics have received awards worldwide in the last 5 years. The plastic structures produced by the factories have helped to expand the neighborhood since its founding in 2041.



Arrested group of thieves who looted rubble from the submerged neighborhood

Thieves used drones to detect metals and precious items. With the group it was found items from the old Fashion Mall, such as pieces of art, jewelry and antique equipment.

Líderes comunitários se encontram com prefeito para remarcar data de feira e redistribuição de barracas flutuantes



Saiba mais...

Prefeitura do Rio regulariza o fornecimento de água no bairro flutuante

As estações de purificação de água em funcionamento há mais de 12 anos precisaram ser desligadas pela primeira vez para manutenção ontem, às 18 horas, e foram realizadas hoje pela manhã. Elas abastecem cerca de 80% do bairro flutuante.

Finalizada a reconstrução dos jardins Burle Marx no Hotel Nacional



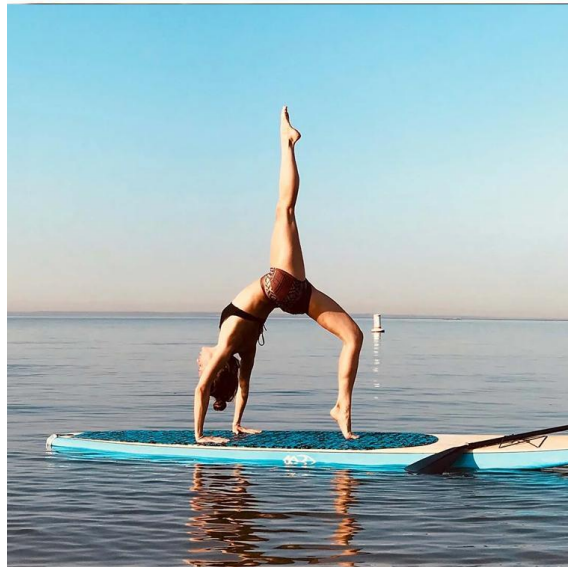
Em reconstrução há mais de 15 anos, o Hotel já recebe hóspedes desde 2044. O Conglomerado Regenera Rio já investiu mais de 2 bilhões de reais no empreendimento que tem gerado uma receita de 1 milhão por mês com mais de 2 mil empregos criados.

Gabriela

7a.m.



gabi_de_laurentis_



Curtido por delaurentis1952 e outras 9 pessoas

gabi_de_laurentis_ Primeira aula sem cair do board! Amanhã tem mais. Namastê!

1p.m.



gabi_de_laurentis_



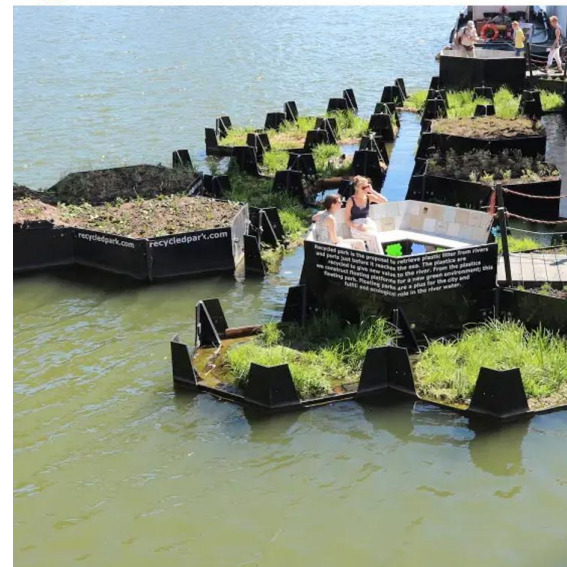
Curtido por delaurentis1952 e outras 9 pessoas

gabi_de_laurentis_ Adoro colher cogumelos das paredes do banheiro e ter meu almoço em 15min!

6p.m.



gabi_de_laurentis_



Curtido por delaurentis1952 e outras 9 pessoas

gabi_de_laurentis_ Dia de encontrar amiga no parque flutuante e ainda voltar com cebolinha pro jantar!

lara

TERÇA - 12.06.2050

- ✦ colher cenoura e abobrinha da horta comunitária
- o levar Ric pra festinha (Ilha de Plástico 4) - 20:00
- o mandar ajustar calça
- o visita guiada marítima da Nova Ilha
- ✦ checar os legumes

Valentina

valentinakt_



Ver insights

Turbinar publicação



Curtido por **vickurkt** e outras 113 pessoas

valentinakt_ Hoje é dia de descansar e matar as saudades do meu São Conrado, com direito a festa e tudo! E vamos de barco para chegar até o local da festa ;)

valentinakt_

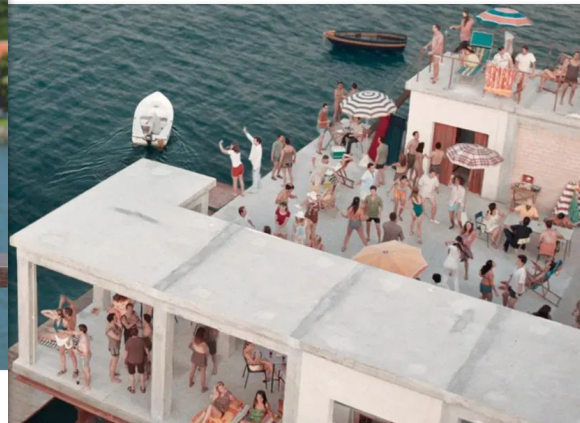


Ver insights

Turbinar publicação



Curtido por **vickurkt** e outras 113 pessoas
valentinakt_ Experiência incrível que tive nesse barco!



Diego



8:00

Hi honey, I'm going to see Greta's visit at the Plastic Factory, the neighbors said they had an amazing reception for her today

Wow, and what's going to be there?

I believe that many fruits produced here in the neighborhood

Did your mother send the strawberries from your garden?

Yes, she said it was the best harvest in the last 3 years.

Can you save some for me?

YYYYEEEESSSSS!!!!



12:00

Ah, my father will bring his homemade beer, you know it's not the best of his shots, but if you can help!

Of course, I get some for myself and my mom!

Your cute!!!

You're welcome, but if it's really bad, I'll mix it with garden fertilizer, lol, kidding, or not!

Don't throw it in the river!! ps: you can use it as fertilizer, they are very bitter!!

15:00

My dear! Your father's beer is shit!

vis! I warned you!!

I got some to go!!

And the event? how it was?

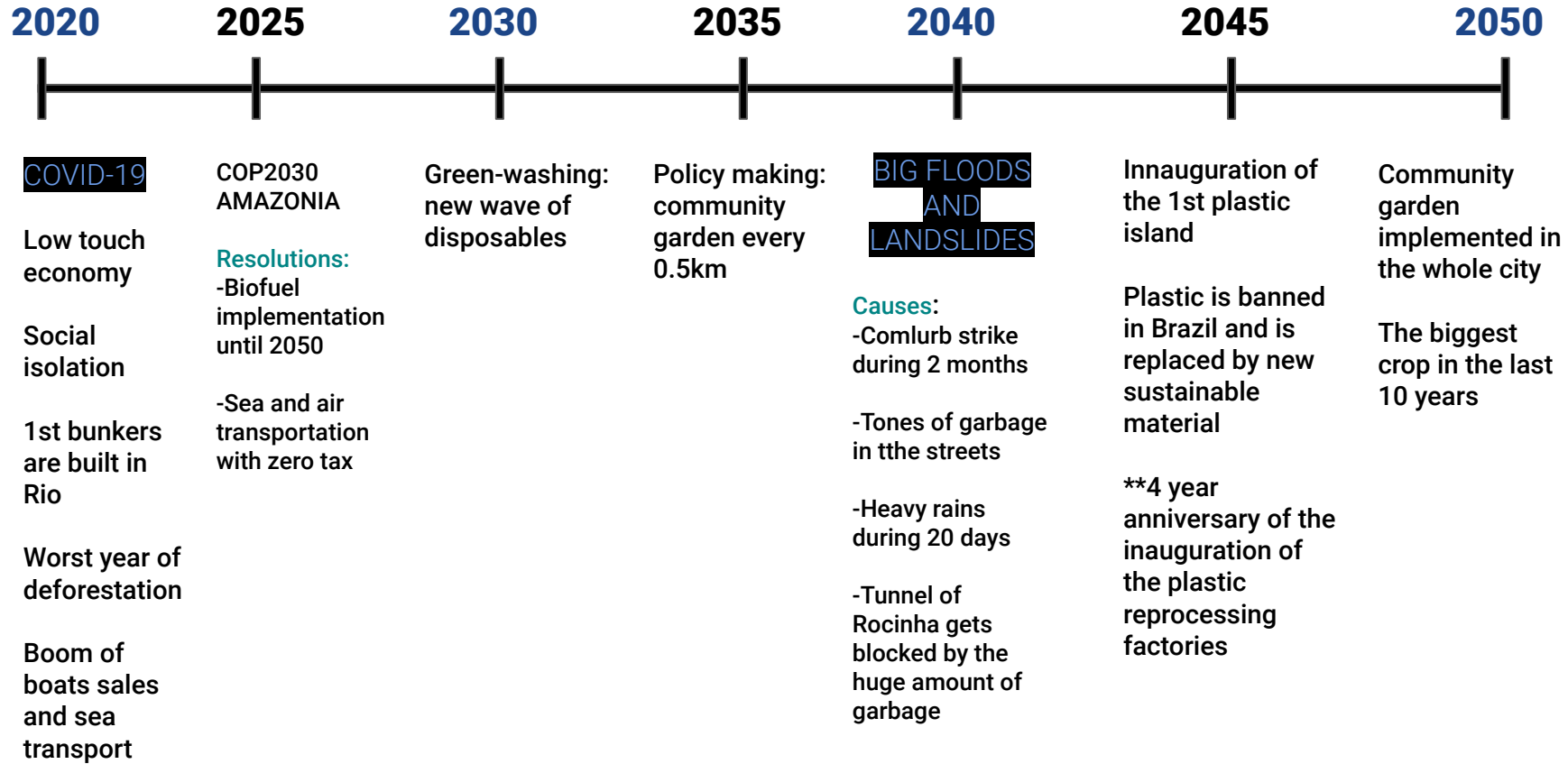
Incredible honey, Greta speaks perfect Portuguese! believe?

Wow! understand everything then?

Yes, very good!

Great floating community

timeline



Great floating community highlights

HABITATION



_Green House own food system



_Hanging lodge in the hills



_Bunkers

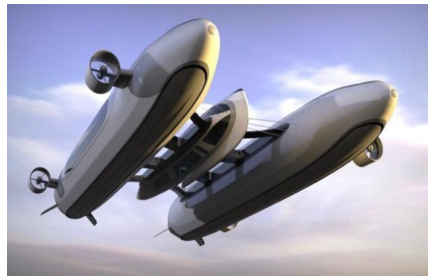


_Co-living Cruise ships

LEISURE & LIFE STYLE



_Community Gardening



_Airborne escapism



_Floating parks



_SUP yoga

Links

Plastic island / plastic park (Rotterdam Example)

<https://www.businessinsider.com/rotterdam-floating-park-made-out-of-recycled-plastic-waste-2018-7>

Residential/ Housing cruise ships

<https://edition.cnn.com/travel/article/storylines-residential-cruise-ship-concept/index.html>

Floating hotel - Cruise ships to double up as floating hotels for the FIFA World Cup Qatar 2022

<https://crew-center.com/msc-cruise-ship-serve-floating-hotel-tokyo-olympics>

Housing for digital nomads

<https://andysto.com/15-top-rental-sites-for-digital-nomads/> (ideas: "Seabnb")

Hanging lodge

<https://www.euronews.com/travel/2021/09/12/in-pictures-sleep-in-a-hanging-capsule-on-the-edge-of-a-mountain-in-peru>

Green ceiling/ "teto verde na favela"

<https://rioonwatch.org.br/?p=37358>

Hanging garden/ Using plastic as vase

<http://mudamare.blogspot.com/2015/06/>

The self sufficient home of tomorrow

<https://www.theguardian.com/lifeandstyle/2022/nov/10/mushroom-walls-and-waste-fuelled-stoves-inside-the-self-sufficient-home-of-tomorrow>

Greenhouse by Joost (Joost Bakker investigates what it would be like to grow all the food you ever needed, leaving no waste as you do so, right at your doorstep)

<https://youtu.be/7UpXON4zmF4>

Clothes that grow

<https://batterseapowerstation.co.uk/retailers/petit-pli/>

Stand up paddle yoga

<https://alohaspiritmidia.com.br/sup/em-sintonia-com-o-sup-yoga/>

Hotel nacional e jardins Burle Marx

<https://oglobo.globo.com/rio/hotel-nacional-reabre-com-filosofia-de-resort-urbano-planos-de-transformar-jardim-de-burle-marx-em-praca-1-24085245>

Floating markets

https://www.hoteis.com/go/thailand/bangkok-floating-markets?pos=HCOM_BR&locale=pt_BR

Ilha das Rosas

<https://aventurasnahistoria.uol.com.br/noticias/reportagem/a-verdadeira-saga-por-tras-de-a-incrive-historia-da-ilha-das-rosas-da-netflix.phtml>

Diego Joaquim Sabino Ramos

Service designer at Ame Digital, a part of americanas company. Focused in customer journey, strategy and open innovation. MBA in Digital Business at USP.
djsabino.ramos@gmail.com

Gabriela De Laurentis

Researcher and designer - in the area of social sciences and humanities, focusing on behavioral and lifestyle trends. Master in design; MBA in market research, media and public opinion.
info@gabrieladelarentis.com

Iara Comas Brandão

Currently studying on the 2 semester in ESDI. Enthusiastic about graphic design and interested in ambiental causes.
iaracbrandao1234@gmail.com

Valentina Kurkdjian

Graduated as a Multimedia Technician and majoring in Design, I am enthusiastic about research and events in the areas of education, technology, innovation, and design; as a means to learn, teach, and exchange experiences.
valentinakt2000@gmail.com

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ESDI

KØBENHAVNS UNIVERSITET
UNIVERSITY OF COPENHAGEN



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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.