

2023 Impact Report

 tembici



We are the largest micromobility company in Latin America.

Pedal by pedal, we have been working to increase the use of bicycles in cities for 13 years.

- We are in 18 cities in Latin America, 16 with projects and 2 with assembly centers
- B Corporation, signatory to the UN Global Compact and a member of the Climate Action platform
- 10,472,059 registered users
- 262.3 million journeys¹, the equivalent of more than 22,000 laps around the world



Contribution to the SDGs:



¹ - Journeys: 15-minute bicycle rides



How we work



1

Defining the city

Partnering with various levels of government to define cities and locations for implementing the system

2

Data intelligence

The great differentiator of our business is using an extensive range of data to guide decision-making and operational efficiency

3

Sizing the system

Planning how many, which and where bicycles and stations will be placed

7

Bicycles on the street

When the magic happens. Our system in operation in the cities and our team taking care of the relationship with the communities to increase the receptivity of the bicycles

6

App parameterization

Our application is adjusted to the new system

5

Assembling the bicycles

Our team assembles the bicycles according to the strategy adopted, 100% Tembici Labs production or purchase and assembly of the bicycles

4

Definition of the sponsor

Negotiation with the sponsors who will be part of the system

8

Operation of the system

Our operational and logistics team works daily to make the rides possible. Maintenance and rebalancing of the bicycles at the stations is carried out in all the cities where we operate

9

More people cycling

In addition to bicycles on the streets, we promote campaigns and dialogues to encourage active mobility. The benefits go both ways: physical health and well-being for cyclists and an increase in user revenue for the business

10

Positive impact on cities

Promotion of a more sustainable and economical means of transport, which benefits people's health and reduces traffic



Impact on cities and users

The impact of a city with higher pedestrian traffic and increased use of bicycles as a mode of transportation is our guide to generating positive impact.

Increased security

- 74% reduction in the crime rate in places with more pedestrians and cyclists¹
- While 45,000 deaths occur every year in Brazil as a result of traffic accidents, there are no records of deaths or serious injuries involving bicycles alone²

Enhancing the surroundings

- 35% increase in the value of properties in areas with more pedestrian and cyclist traffic³
- Initiative to open the street to cyclists and pedestrians generated a 3 million dollar increase in trade⁴

More economical option

- R\$267 billion in losses avoided over the year is the potential savings from improving congestion⁵
- Reducing spending on transportation. An average of 7 and 12% of the household budget is spent on buying cars and motorcycles, respectively⁶

Health and wellbeing

- 19% potential reduction in SUS (National Health Service in Brazil) hospitalization costs through physical exercise such as cycling⁷
- Reducing the average time spent in traffic. On average, people spend 1 hour and 20 minutes commuting to carry out the main activities of the day², the equivalent of wasting around 32 days a year in traffic
- 55% of people say their quality of life is affected by the time they spend in transportation⁸
- 60% of people say they have been stressed at work or study due to the time spent commuting⁸

Environment

- 18% reduction in carbon emissions with the adoption of more stations and bicycles on the streets⁹

1 - 50 Reasons Why Everyone Should Want More Walkable Streets. Acesso: [link](#)
2 - IPEA - Instituto de Pesquisa Econômica Aplicada, da pesquisa " Custos de Acidente de Trânsito no Brasil" - Acesso: [link](#)
3 - Pesquisa Ipsos, 2019
4 - Midtown Holiday Open Street Gave \$3 Mil Boost To Local Biz: Mayor. Acesso: [link](#)
5 - O Controle de Tráfego em Cidades Inteligentes: um panorama dos depósitos de patente no Brasil e no Mundo. Acesso: [link](#)
6 - Famílias gastam 5 vezes mais com transporte privado. Acesso: [link](#)
7 - CEBRAP, Impacto social no uso de bicicletas em São Paulo, 2018. Acesso: [link](#)
8 - Pesquisa Mobilidade Urbana no Brasil, CNI, 2023. Acesso [link](#)
9 - CEBRAP, Mobilidade Urbana e Mudança climática. Acesso [link](#)

The data was compiled from studies carried out by our team to understand the potential positive impact that our system can offer and draws on research sources on the benefits of using bicycles as a means of transportation.

2023 NEWS

Launching of Tembici Labs

Innovation and Technology Center for sustainable mobility

New sponsors:

Estácio de Sá University and Banco Macro, join with our sponsors Itaú Unibanco, Claro, Vanti, Mastercard and iFood. In addition, we continue to work with our media partners JCDcaux and Eletromidia

New partnerships:

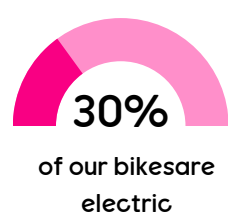
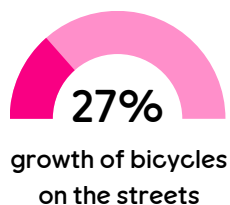
Uber and Gympass

New investors:

BID Invest, DFC, Fundo Conjunto de Financiamento Climático Finlândia-ALC join our investors IFC, BlaO, Crescera, PIPO, Endeavor, Valor Capital Group e Redpoint eVentures

iFood Pedal,

our program with iFood that promotes the use of shared bicycles among delivery workers, was recognized by the United Nation during the UN Global Compact Leaders Summit 2023.



%

55% gross margin

%

50% of revenue from users

%

11% reduction in carbon emissions

#

8,4 million deliveries made with our bikes in partnership with iFood

R\$

R\$ 105 thousand invested in our acceleration program, “Vai Longo”

Tembici Labs

Leading the mobility of the future, today.

2023 marks the launch of Tembici Labs, our Innovation and Technology Center for sustainable mobility with technology that is unprecedented in the world. In record time, we have created a center with the potential to transform Latin America into a global innovation hub in sustainable mobility and develop technologies that act at the heart of the ESG agenda.

To turn opportunities into intelligent solutions, the key point was to work on verticalizing the operational structure. By having end-to-end technology, we can adapt our products and services to the demands of our users, develop the national industry and improve the management of our value chain.

This new system has pioneering technology in the world and has come to revolutionize mobility in cities.

A more efficient and innovative urban mobility ecosystem

01

Innovation culture

02

Guides the sustainable mobility market

03

Transforming public space

04

Large-scale national production

05

Engagement and co-creation with public and private partners and society

06

More comfort and safety for users

07

Customized solutions for the specific needs of each city

The project's first major launches are **ESTER**, **Tembici Recharging Station**, and **BETE**, **Tembici Electric Bicycle**, which have already arrived in 2 cities and will have a thousand units available.

At the heart of our strategy, the electrification of bicycles has enormous potential to decarbonize large cities, where around 60% of journeys are up to 8 km¹, a distance easily covered by bicycles.



- Optimized design with more bicycle spaces per m², guaranteeing a 50% increase in the use of public space
- Elimination of electricity consumption for picking up and returning bicycles, making it financially viable for smaller and more densely populated stations throughout the city
- Improvements to the locking system, reducing effort and speeding up user-station interaction

- Puncture-resistant tires and alloy wheels
- Chain change for belts and automatic torque control to simplify maintenance and improve user experience
- Increased battery autonomy, lasting up to 100 km on the road

- Front headlight and side projection with laser, for greater user protection at night
- On-board sensors for remote detection of theft, vandalism and accidents
- Electric motor in the rear wheel, which expands the partner supplier base for the item

BETE



Manifest

We like the road.

Driven by the desire to transform cities, we believe and work to make cycling an individual and collective revolution. With every pedal stroke, we want to encourage new habits, democratize the wind in the face, the smiles of those who cycle to work or those who make cycling their means of work.

From these small individual revolutions, we transform the collective. We connect people to busier cities, exercises to improve public health, lower carbon emissions and better air quality.

In the zigzag of everyday life, or in the calm of the weekend, among friends or pedaling solo, we revolutionize global mobility, from one point to another, one person at a time.



Credits

General coordination

Chief Impact Officer

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