

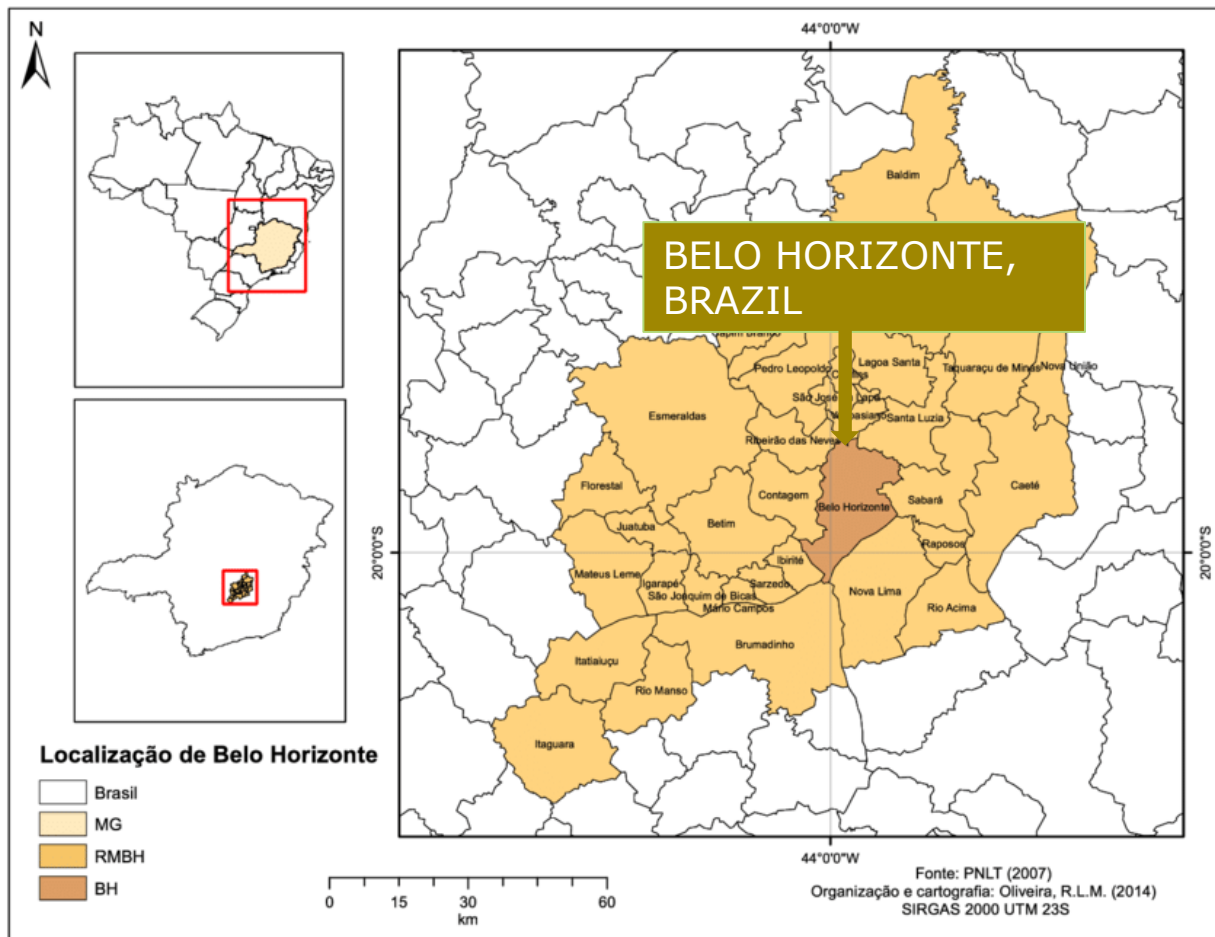


Local Governments
for Sustainability

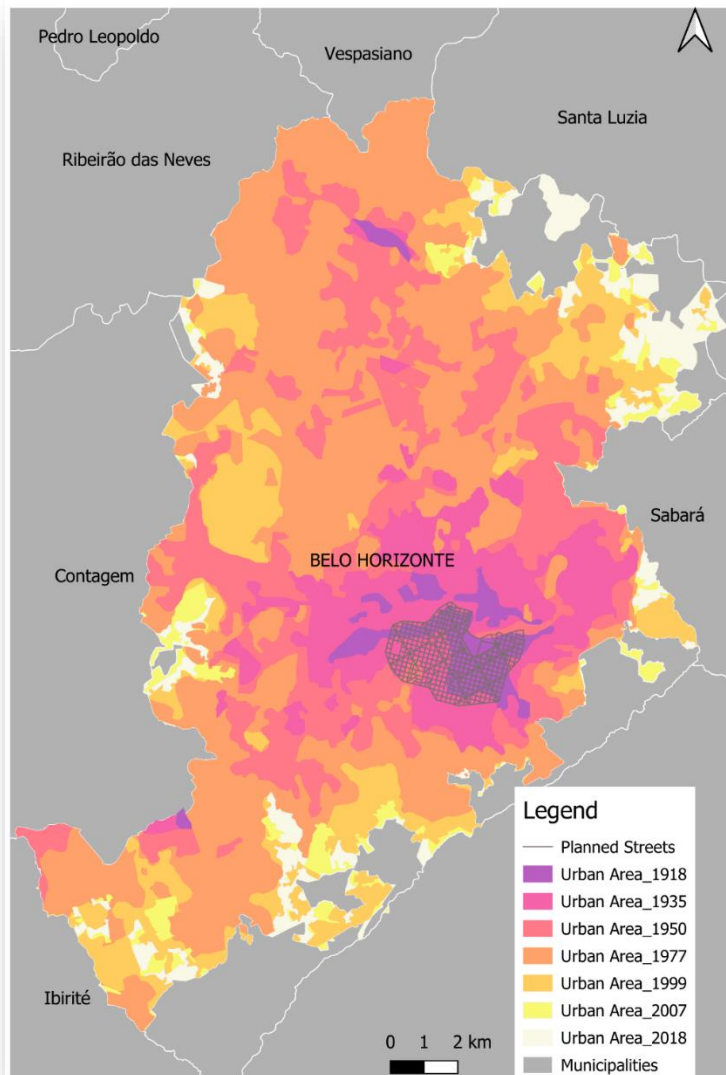
Data-driven climate action in Belo Horizonte

Friday, 9 April 2021





- ✓ 330km²
- ✓ 2,5 mi inhabitants
- ✓ IDH: 0,81
- ✓ GDP: US\$88,28bi
- ✓ 3rd biggest metropolitan area in the country, with 34 municipalities and more than 5 million inhabitants.



In 100 years, (1918 - 2018)
population grew from 250
thousand inhabitants to 2,5
million!

Belo Horizonte has 20 years of Greenhouse Gases Emissions calculated, one of the longest series in Brazil



The city also has

- Climate Committee
- Reduction plan
- Climate law
- Vulnerability study
- Master plan that addresses the Climate Change issues

How does the inventory process happens

Escopo

Categoria

CH4

69,13

70,53

68,37

65,62

69,12

61,7

I.1 Cons

376.553,2

I.2 Cons

institue

72,9

36,7

362.265,3

35,5

I.3 Indu

81,3

238.486,7

II.1 Tra

140,7

18.607,5

II.4 Avi

202.270,0

64.530,5

135,7

771.330,7

6.449,0

1. Send letters for every institution asking about the previous year results
2. Receive said results
3. Insert the numbers on CLIMAS Plataforma
4. Take the results, build graphics and analyse
5. Present the outputs to Climate Changes Committee
6. Elaborate proposals to mitigate and adapt.

Strength of our data

1. The sources are always official with managers and experts being responsible for the data;
2. The data is aligned with international established parameters;
3. The local technical team is permanently trained – especially by ICLEI;
4. The historical series is consistent.



The main channel for disseminating and convincing about the results of inventories and plans is the Climate Change Committee, which counts with the participation of NGOs, universities, unions - organized society.

What we really need is a greater interest from the press to facilitate this dissemination.

How do we use the climate data

1. In policy making;
2. To change the city's way of development; and
3. To make people believe in global warming and add it to their daily lives and routines.

Climate data used to identify projects and investment opportunities



Local Governments
Sustainability



BRT



LED street and traffic lights



Landfill gas capture



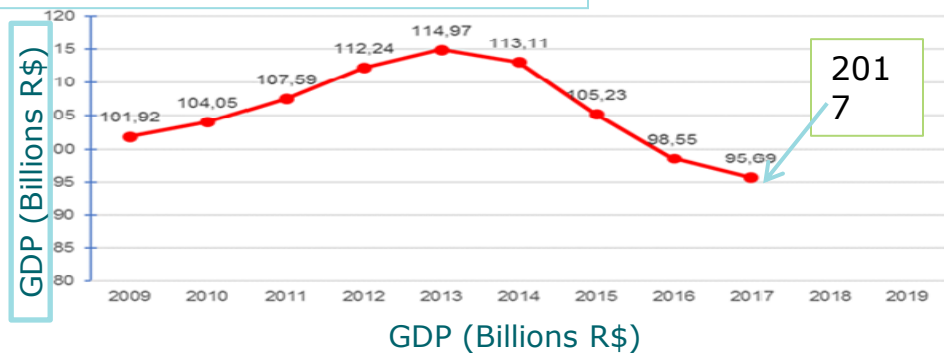
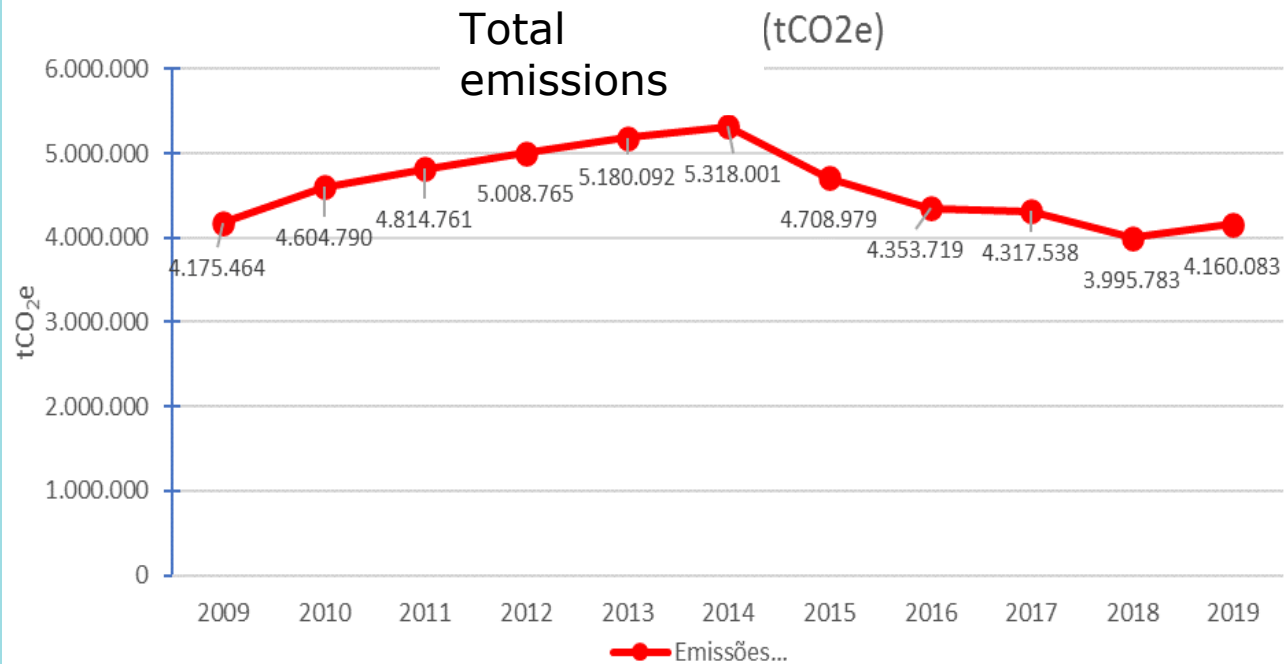
Photovoltaic system at the city hall

And more...

- ✓ Laws increasing permeability
- ✓ Incentive for reducing water and energy consumption and garbage generation
- ✓ Tree planting for reducing local heat waves...

Challenges

1. Transform the inventory to an automatically updated document, independent from governmental changes;
2. Make it fundamental for decision making;
3. Make the population know, understand and take ownership of all the instruments climate changes related;
4. Increase social participation in data entry and analysis of results.



THANK YOU!

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