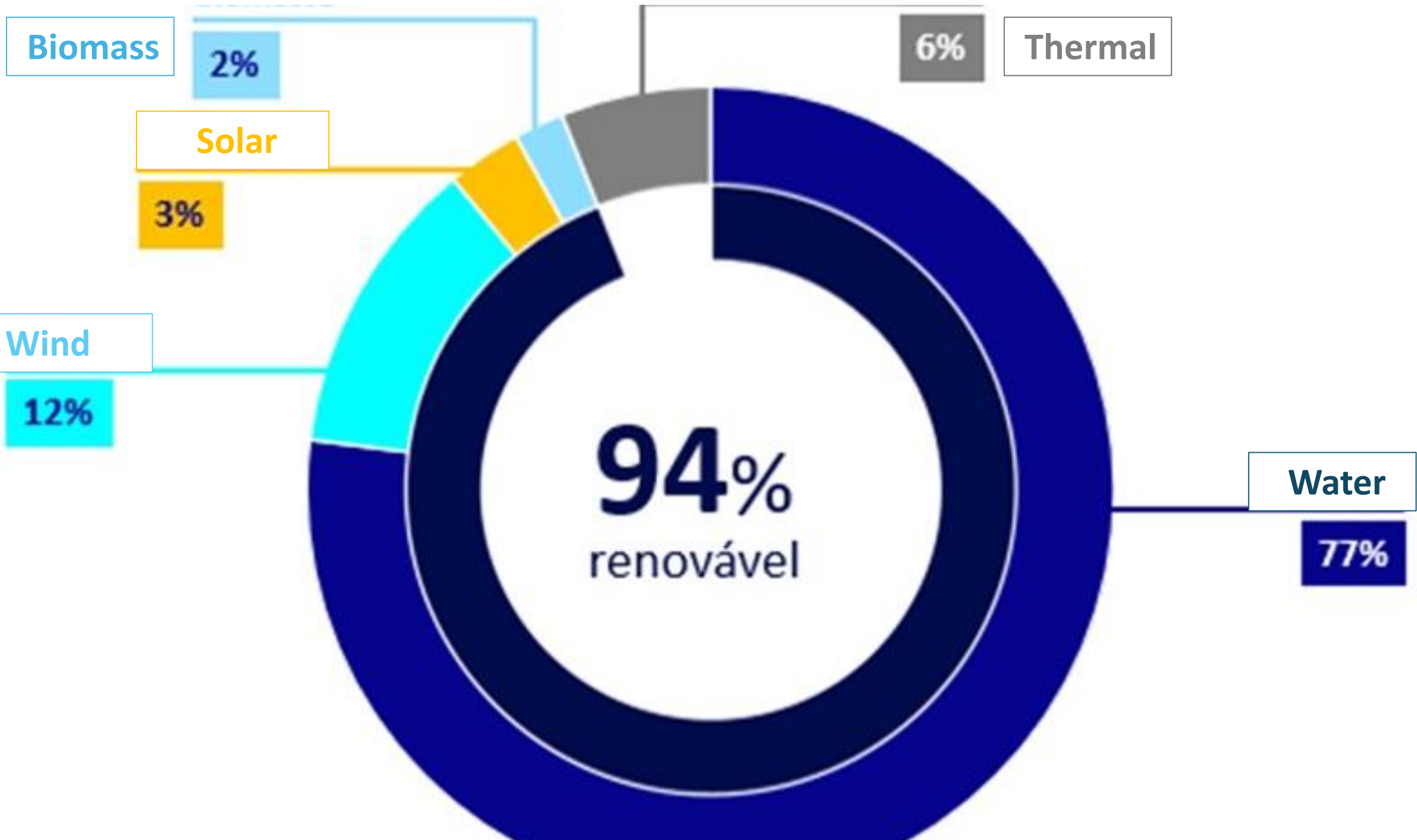
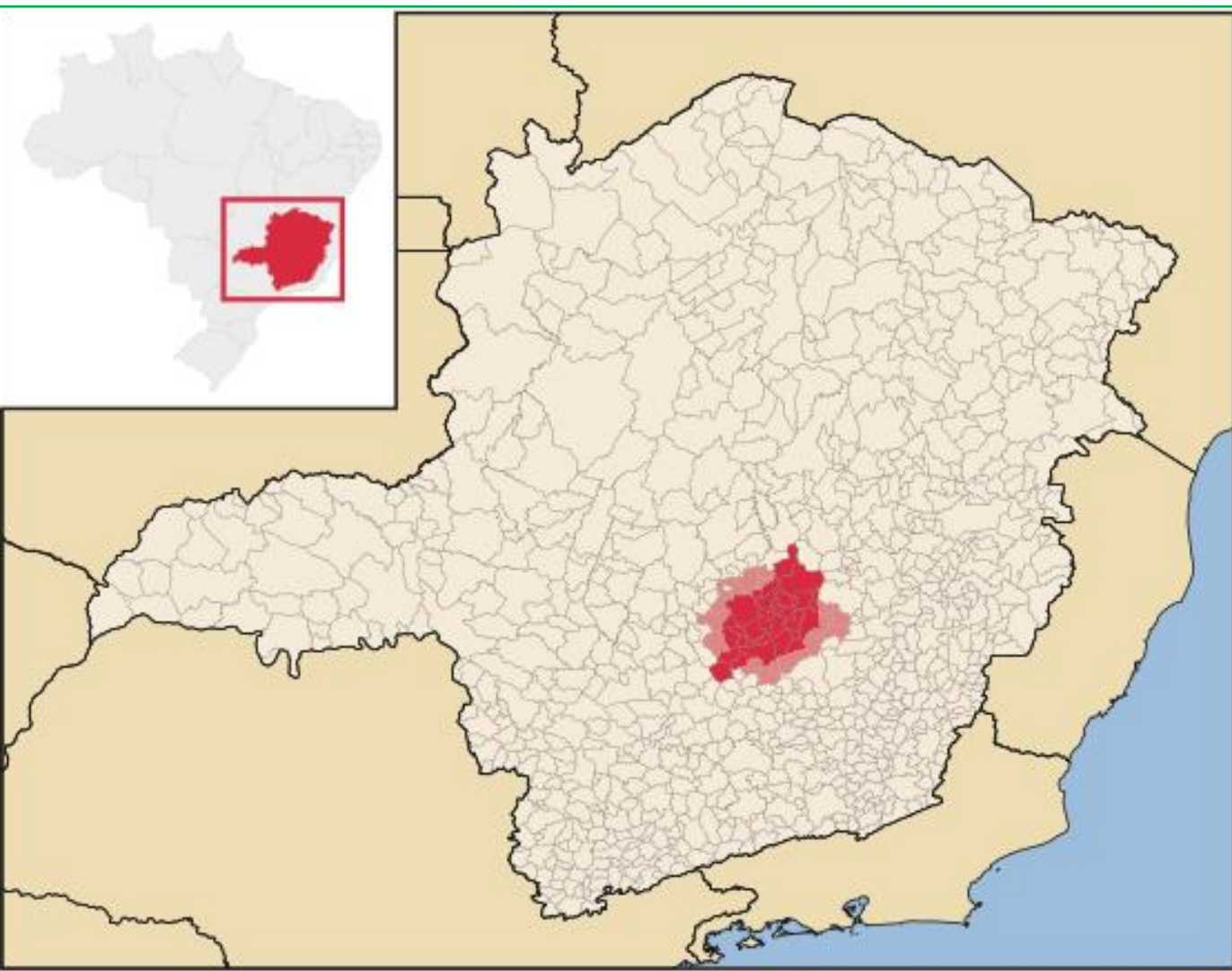


Belo Horizonte: the search of energy efficiency







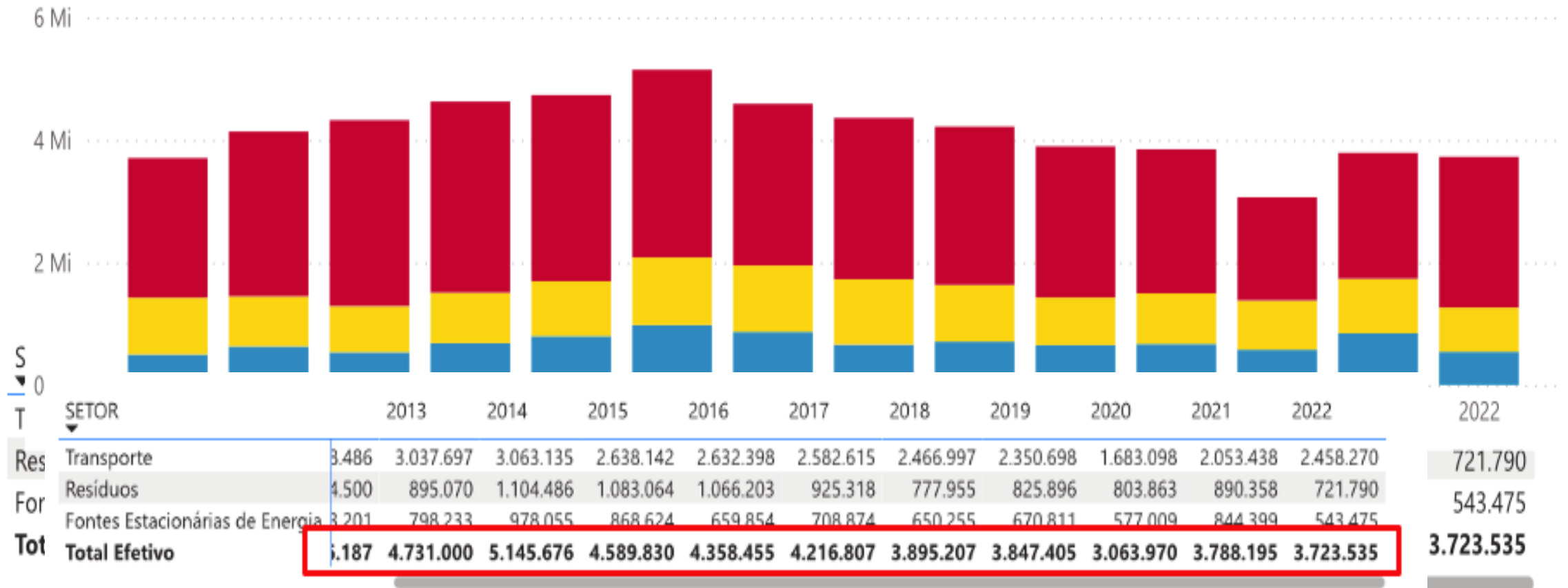
- **126 years old**
- Population: **2,313.451**
- **(5.573.841 na Metropolitan Area)**
- Area: **331 km²**
- Density: **7,176 habitantes/km²**
- Economic Activity (% de PIB):
 - Business : 70.1%**
 - Public Sector: 16%**
 - Industry: 13.1%**

In less than 100 years, BH went from 250 thousands inhabitants to almost ten times that

GHG CITY INVENTORIES

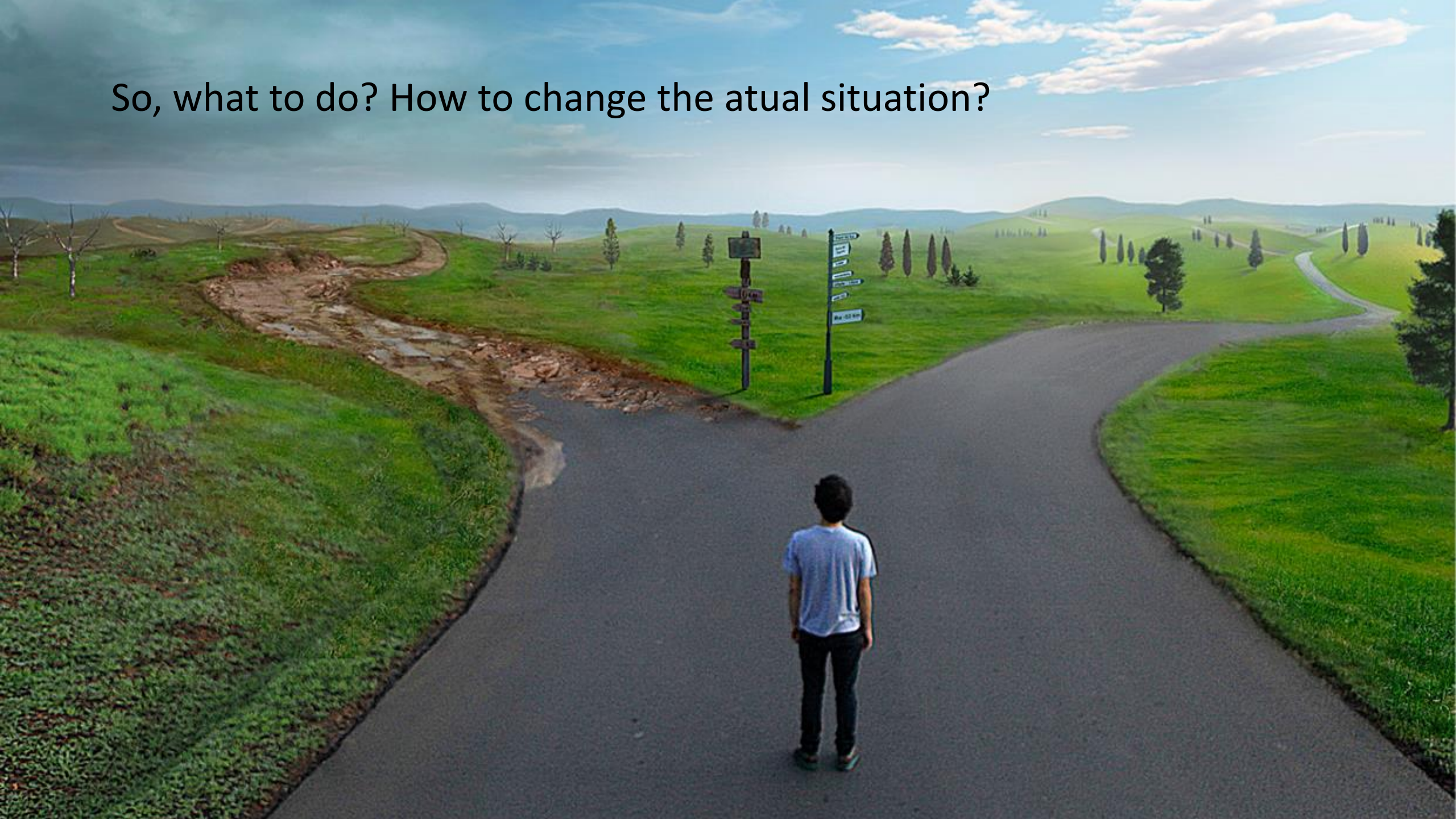
Emissões Totais Efetivas por Ano

SETOR ● Fontes Estacionárias de Energia ● Resíduos ● Transporte



Fonte: 7º Inventário Municipal de Emissões de GEE, Elaboração GEASU/SMMA

So, what to do? How to change the atual situation?



It's easy!!





**Proposição de Diretrizes e
Políticas Públicas para a redução
das emissões**



WWW.WAYCARBON.COM

GHG REDUCTION PLAN 2020



**99 actions,
26 on energy!!**

In the specific workshops and discussions on Energy, we have invited all departments in the City Hall, Universities and energy companies.

A few examples of the actions:




Develop a sustainable purchasing guideline that guides the various departments in adopting energy-efficient standards when purchasing goods and contracting services or works.

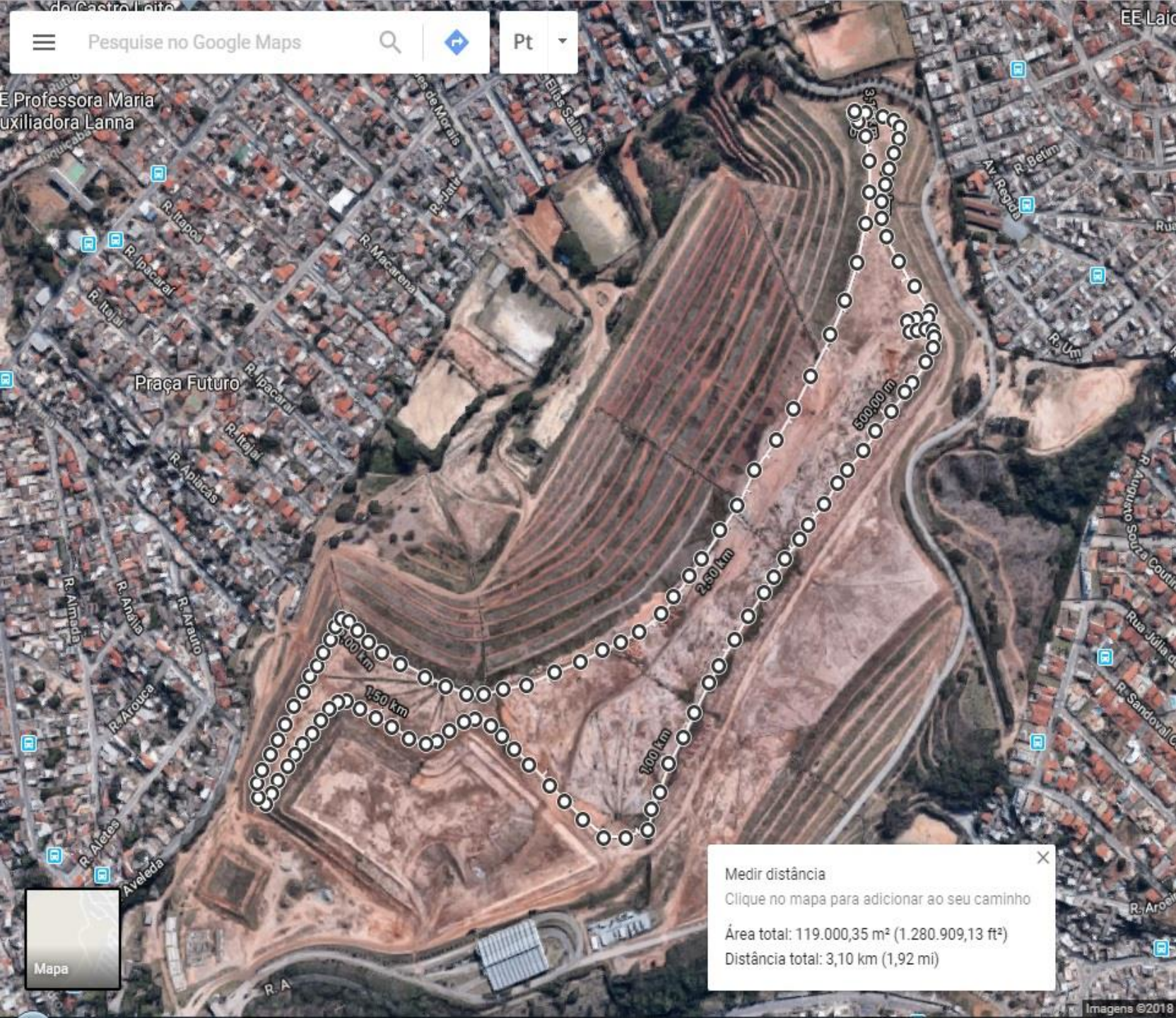




The City Hall giving the example....

- 
- Production of 1,800 MWh/year of energy 6,000 photovoltaic modules.
 - Area of 9,500 m², 60% of the stadium's total coverage area
 - Average consumption of 1,400 homes.

Mineirão Stadium



Implement a photovoltaic plant in the old landfill to generate energy for the households around it.

***Trying to get financing**

We are already using the energy generated by the biogas from this landfill, avoiding the generation of around 2 million ton of CO2 from 2009 to 2022

Implement the Project
“SOLAR SCHOOLS” so that
all municipal schools
have access to this
source of energy





Teaching vulnerable people to install photovoltaic panels and having a job

Belo Horizonte has become a national reference in the number of solar panels for water heating and this was accomplished without any benefits given from the Municipality



Implement a
Modernization and
Adaptation Program
for electrical and
Eco-efficiency
installations in
municipal health
buildings





Challenges:

1. MONEY, MONEY, MONEY!!

2. Designate an administrative structure that centralizes actions aimed at energy efficiency in Belo Horizonte

3. Disseminate intense campaigns and incentives for all citizens to take on a new way of living.