



RACE TO ZERO

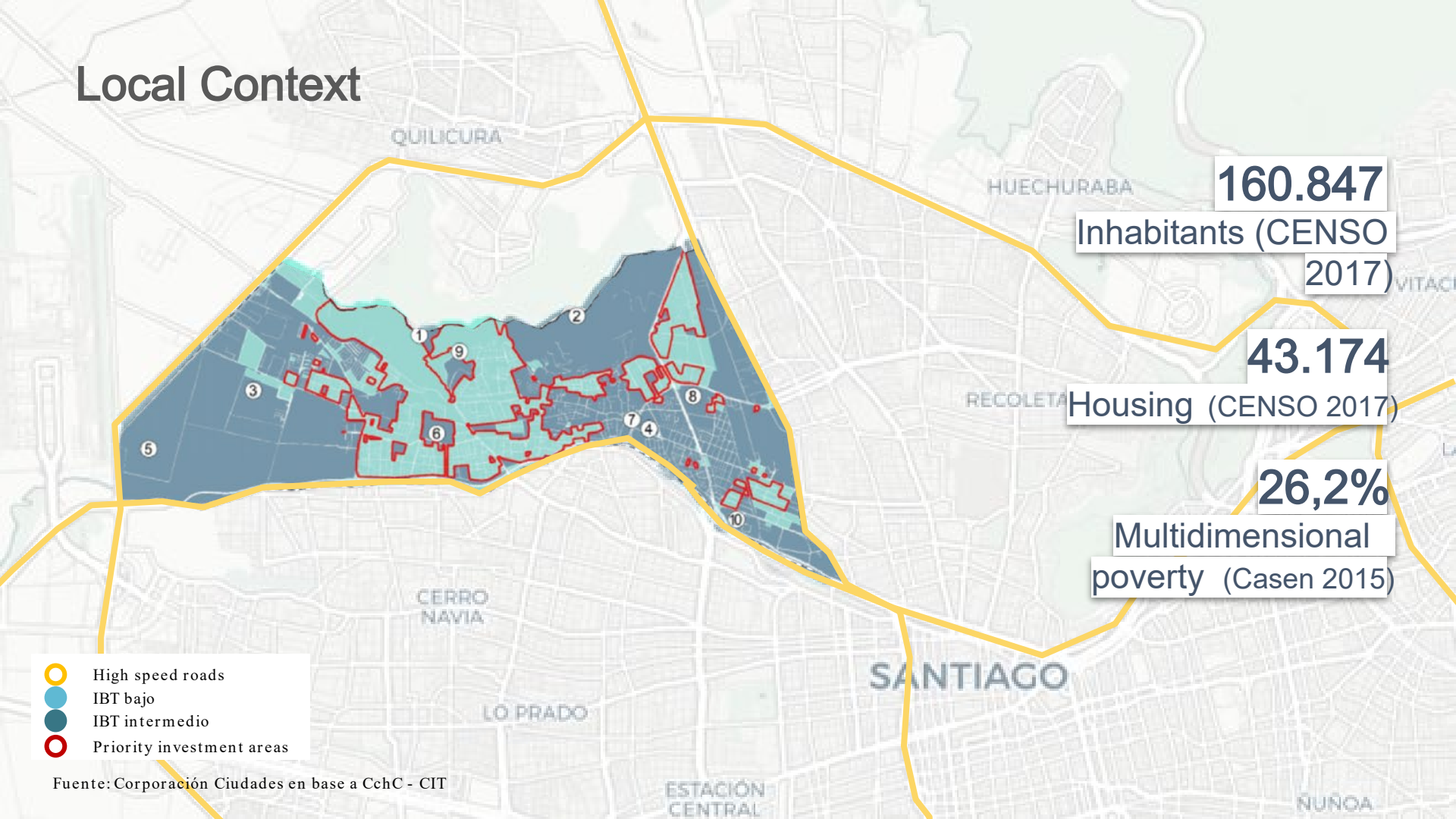
Online Exhibition on the Earth Summit International Forum

Parallel Session 1: City-to-City Collaboration: accelerating the decarbonization domino

RENCA

March 10th 2022

Local Context



160.847

Inhabitants (CENSO
2017)

43.174

Housing (CENSO 2017)

26,2%

Multidimensional
poverty (Casen 2015)

- High speed roads
- IBT bajo
- IBT intermedio
- Priority investment areas

Fuente: Corporación Ciudades en base a CchC - CIT

RACE TO ZERO

Renca towards carbon neutrality

RENCA

Renca's objective



To promote Renca's social, economic and territorial transformation , incorporating a systemic approach in the urban planning for the construction of a sustainable borough in order to improve the life quality of Renca's residents , and build a resilient territory to Climate Change effects.



RACE TO ZERO

Renca's Race to Zero commitments

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Renca RaceToZero commitments



Renca has committed to several aspects in the following areas of the #RaceToZero Campaign:

Publicly endorse the #RaceToZero Principles

1. Create a more inclusive society

4. Develop zero -carbon buildings

7. Create sustainable food systems

2. Create green and healthy streets

5. Move towards resilient & sustainable energy systems

8. Divest from fossil fuels & invest in a sustainable future

3. Reduce air pollution & ensure clean air

6. Advance towards zero waste

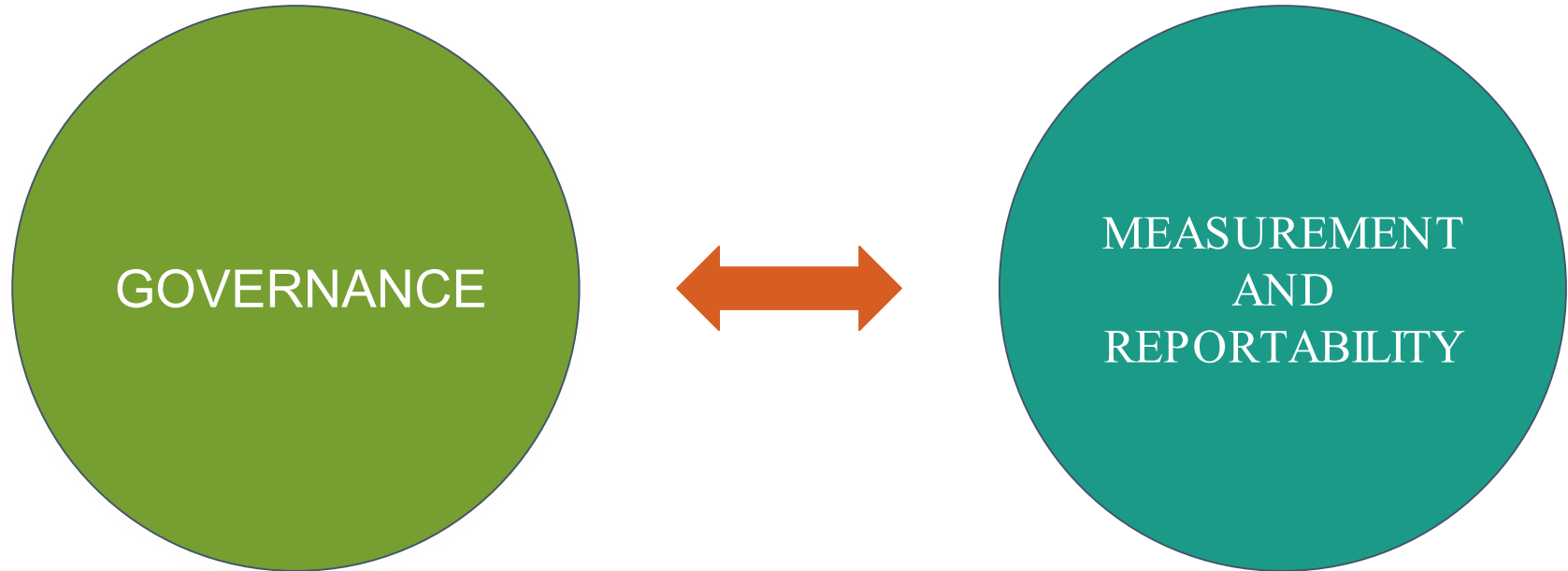
9. Look towards resilient & sustainable construction

RACE TO ZERO

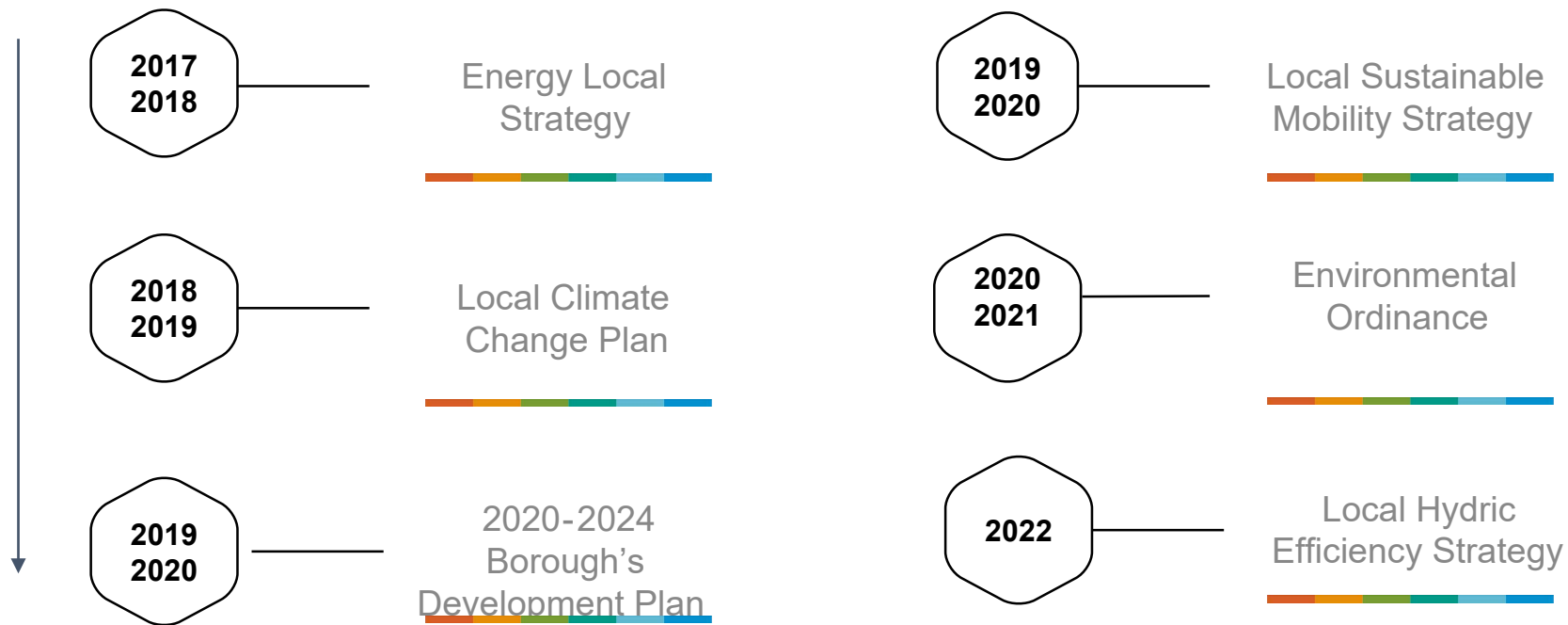
Renca's actions towards achieving Race to Zero

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Steps to follow to achieve our goals & commitments



LOCAL Governance: Local Planification Policies



LOCAL Governance Engage the private sector

The main source of emissions in the territory is industrial activity .

- So, we want to encourage the private sector to **measure their footprint**, to promote **their engagement as protagonists** in the construction of the **communal carbon neutrality strategy** and **to take concrete actions** to reduce their emissions.
- Install a governance led by the Municipality, which brings together the community, civil society, academia and industry.

LOCAL Governance Strengthening the Citizen Commitment to Sustainability



16.300 neighbors in
40 reforestation days
38.300 native trees
in the Metropolitan Park
Cerros de Renca.



3141 people
participated in
environmental
education
workshops.



1022 tons recycled
between 2017-2021



Average increase
in bicycle use to
7.55%.
Above average in
Metropolitan Region.

national GOVERNANCE

- Network of Sustainable Mayors of the RM: To articulate initiatives towards local sustainability and reinforce regional climate actions
- ACA-Chile: Local Governments, private sector, NGOs, Academic Institutions. proposes to mobilize and articulate local communities of civil society (businesses, academia and local governments) to commit to promoting and acting against climate ambition.



international GOVERNANCE & collaboration

City-to-City Collaboration Toyama - Renca: Since May 2019, MoU signed, which establish collaboration in:

- The transfer and exchange of knowledge, experience, capacity development.
- The implementation of the Cerros de Renca Metropolitan Park

Renca has been awarded for the development of a consultancy that allows us to carry out a project that reduces CO2 emissions and greenhouse gasses, to introduce low -carbon technologies in the territory that can apply to the financial scheme Joint Credit Mechanism (JCM, for its acronym in English Joint Credit Mechanism) promoted by the Government of Japan.

At the same time, **Toyama shared** their experience and instrument that aims to contribute with the **achievement of the Sustainable Developments Goals** & Renca has shared our experience in **establishing a carbon neutrality strategy.**



REPORTABILITY

“You can’t change what YOU CAN’T MEASURE”

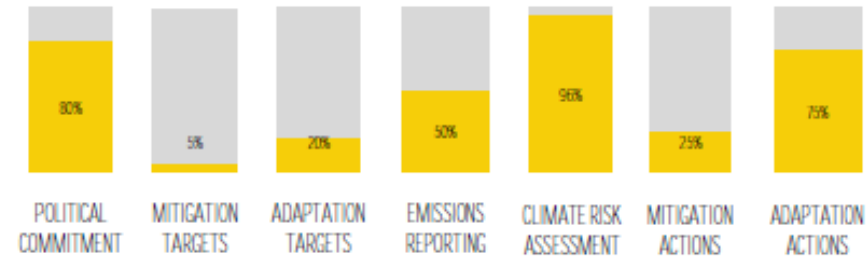
Renca Emissions Baseline:

The first step is to **measure the carbon footprint in the communal territory.**

Currently, Renca has developed the territorial inventory of GHG emissions with base year 2016 (March 2022).

At the same time, we are analyzing the impacts of the climate actions we have taken during our administration (from 2017 to 2021).

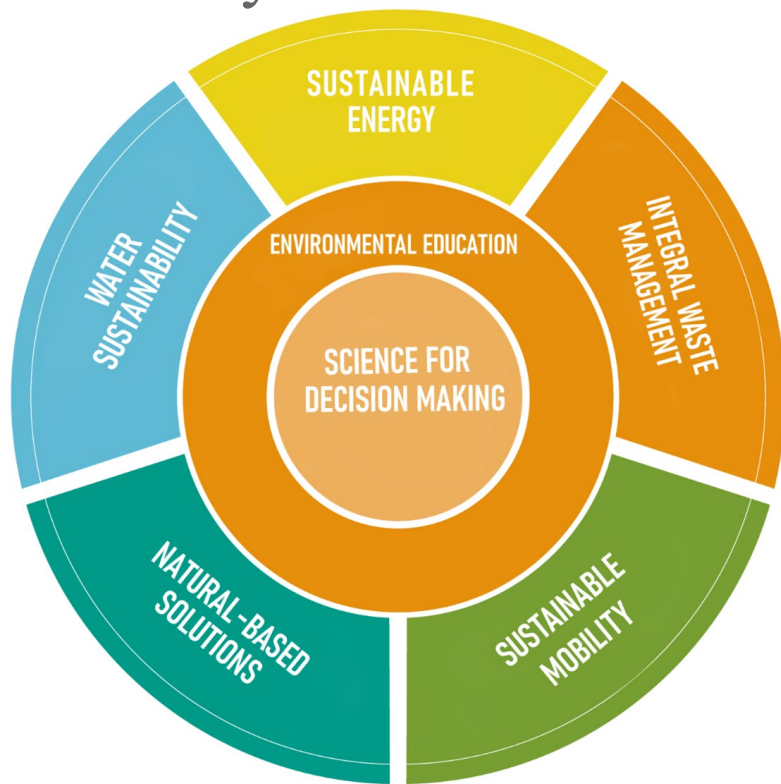
Reportability of climate actions: Renca started reporting in 2021 in CDP, Platform that manages the global disclosure system for investors, companies, cities, states and regions to manage their environmental impacts.



This graph shows your accumulated score expressed in percentages on seven weighted indexes, based on your reporting to the CDP database. You will find a full explanation of each index [here](#).

REPORTABILITY

5 main carbon neutrality areas of actions



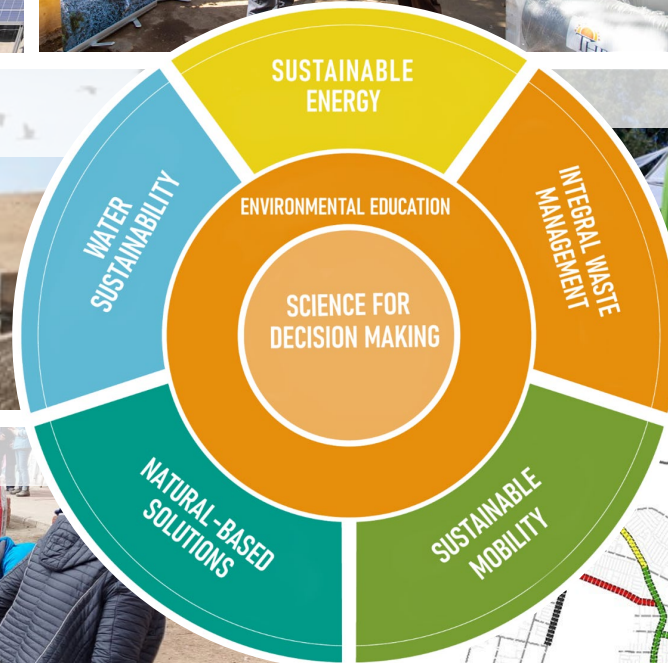
Distributed Energy Generation: Solar Schools & Energy Inclusion Programs



Ecological Development Center with Designs for gray water recovery.



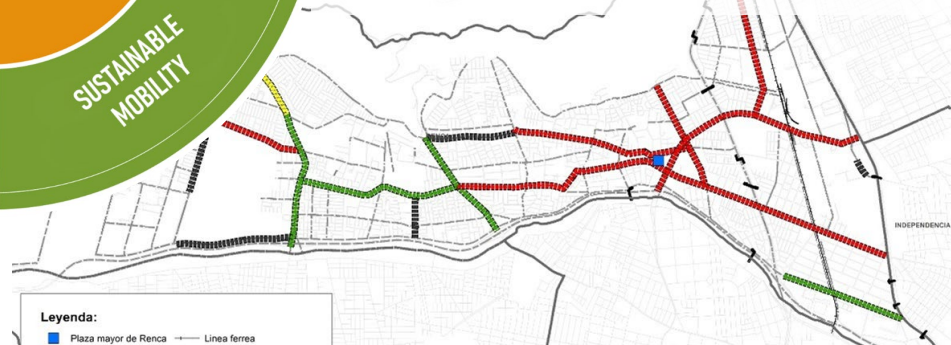
Sustainable Urban Drainage Systems UN - UTEM



Community Recycling Network in 65 points



15.5 km of Emergency Byeways



*The construction of sustainable, resilient to climate change and more equal cities, is a **collective task** that requires the action and **leadership of local governments and the commitment of the diversity of actors in the territory** . The International collaboration is essential to accelerate the decarbonization of our cities.*



RACE TO ZERO

Thank you for your attention

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