



Low-Carbon Model Town in La Molina

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Forestry Engineer
Municipality of La Molina

La Molina

Road to a sustainable city

10 September 2021

Introduction of La Molina



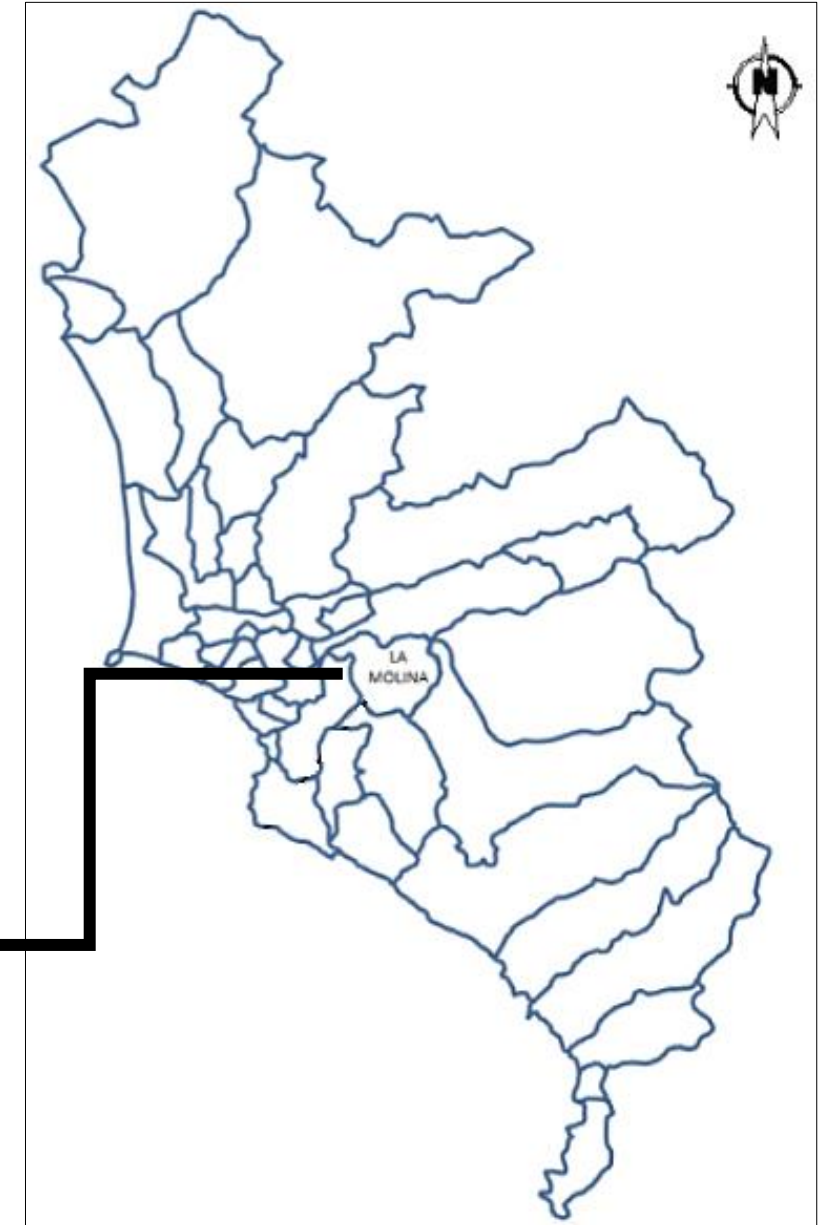
Introduction of La Molina

2021


✓POPULATION: The population of metropolitan Lima is 11'591,004 inhabitants, while La Molina has a population of 178,200 inhabitants.

✓EMISSIONS: Lima emits 15'432,105 tons of CO₂ annually, and La Molina 260,000 tons of CO₂ emitted annually.

✓URBAN GREEN: Metropolitan Lima has 4.9 m² of green area per inhabitant, while in La Molina every person has 10,5 m² of green areas.

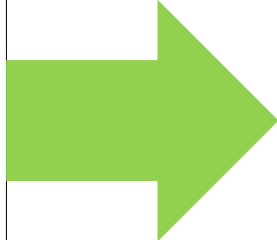


Self-assessment results by LCT-I system



**Asia-Pacific
Economic Cooperation**

**APEC Low-Carbon Town
Indicator System Guideline**



Overall Assessment

Overall Rank

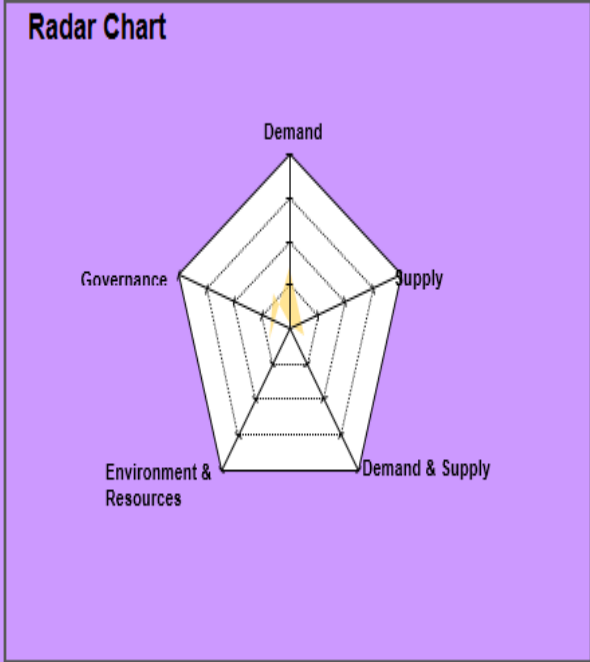
★☆☆☆☆

Total Point
average of (1) to (14) **0.9**

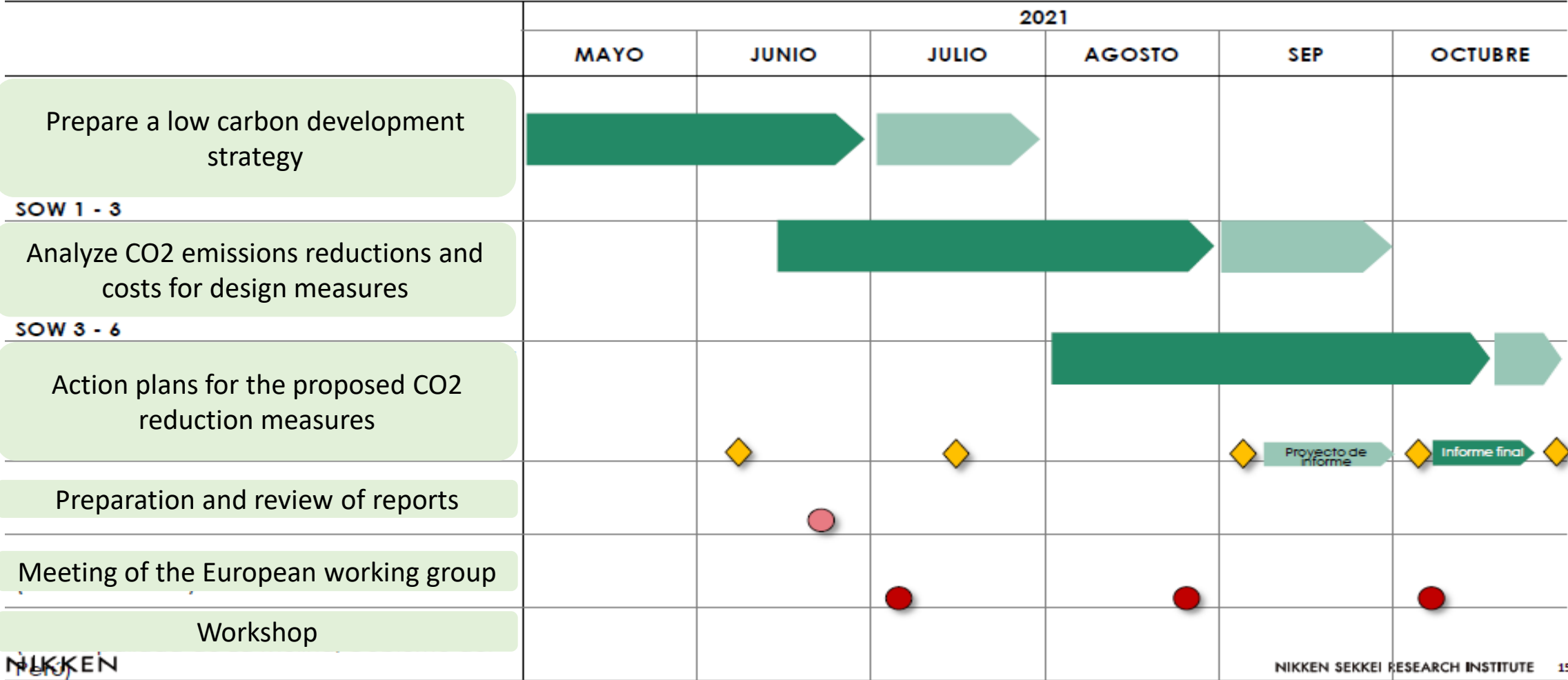
CO2 Reduction
t-CO2/year

*Please fill Co2 reduction in the above cell
and attach the source or evidence*

Radar Chart



APEC Low-Carbon Model Town Project



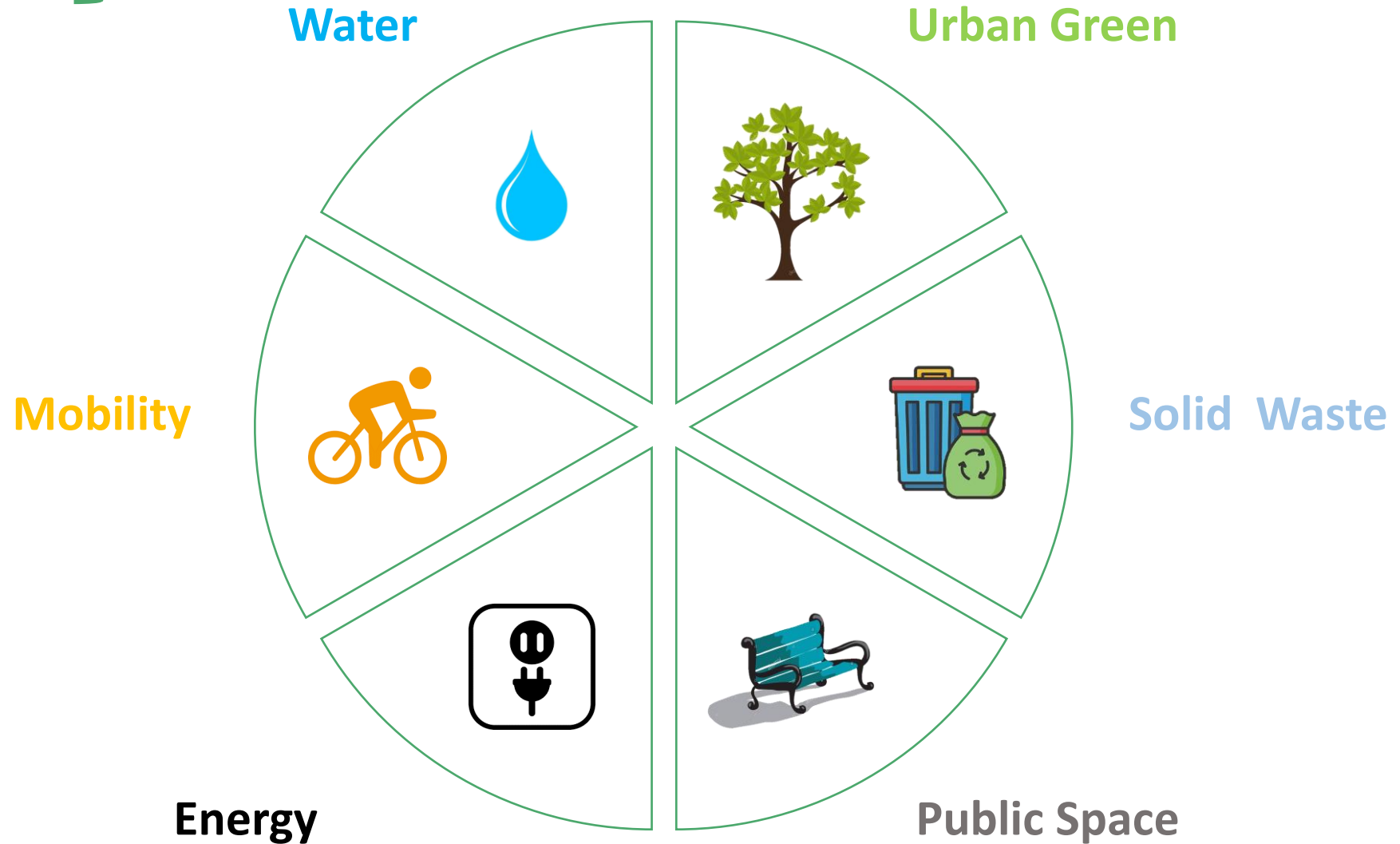
Low-Carbon Model Development in La Molina



A greener city, walkable and accessible, that encourages healthier lifestyles, with meeting spaces that encourage respect and love for nature. And committed to a development that involves low carbon dioxide emissions.

Low-Carbon Model Development in La Molina

[Main Axes]



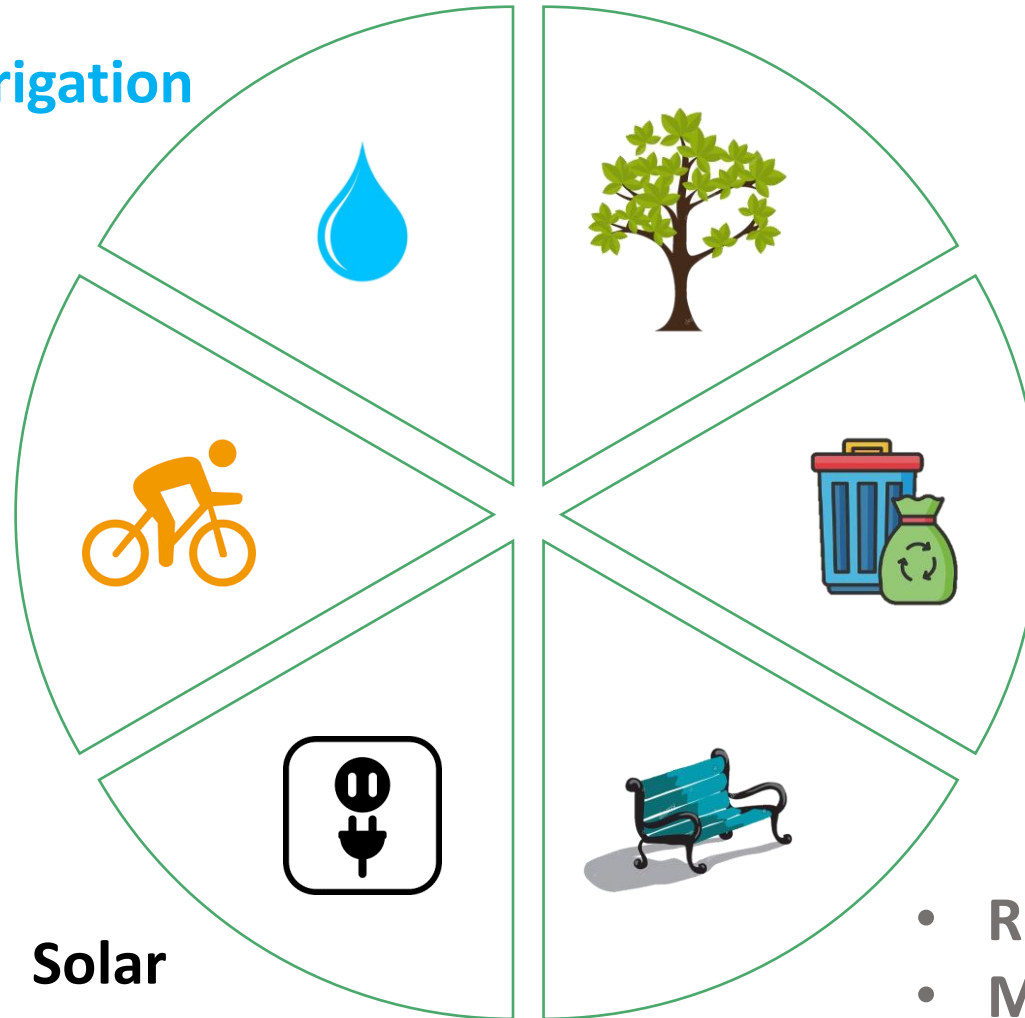
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[Main Projects]

- Tech Irrigation
- PTAR

- Molibike
- Molibus

- Solar Energy



- Green Corridors
- Urban Forest
- Molihuertos
- Ecological Park
- Tree Phone

- EcoRecicla
- Green Waste

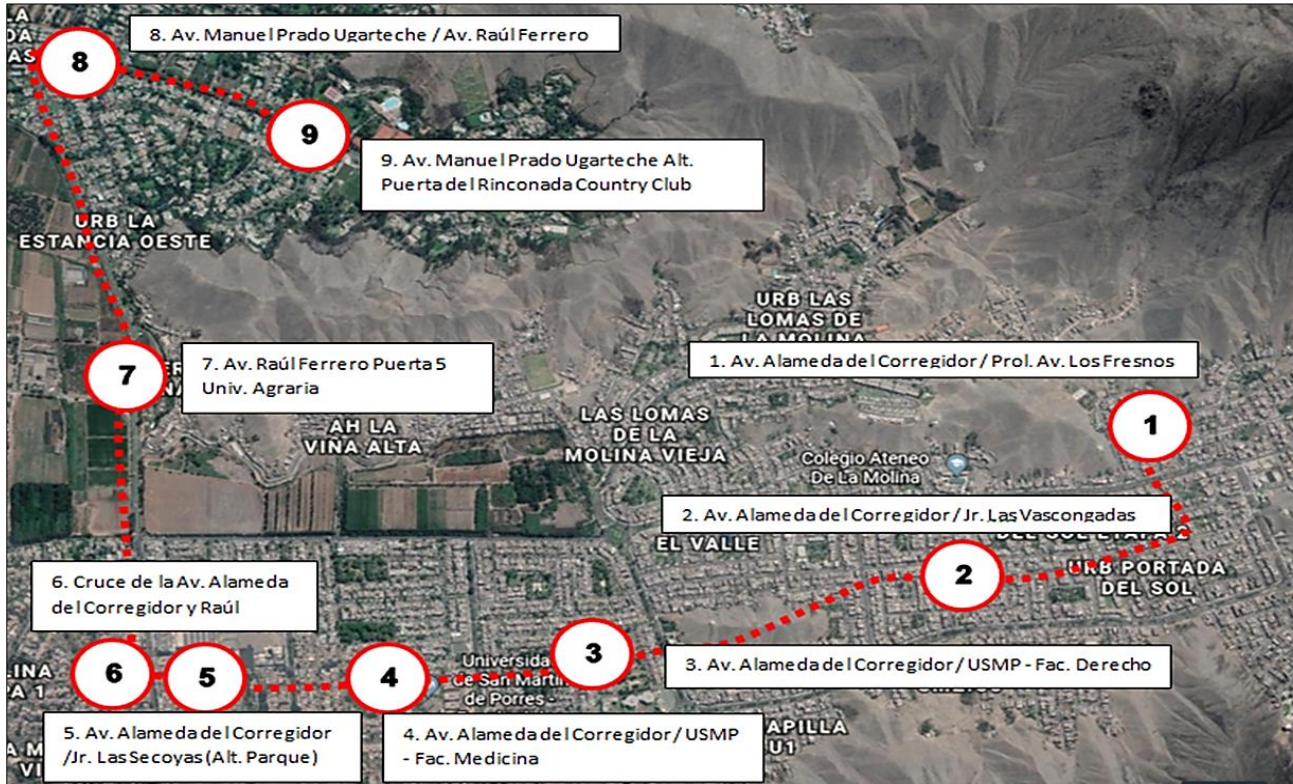
- River Park
- Moliterrazas

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Mobility

MoliBike

Promotion of use of the Bicycle with the Molilbike program, in addition to that, it has 15km of bike lines. Also there are 9 stations.



2019

15 km of bike lines



2020

20 km of bike lines



2021/2022

50 km of bike lines

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Mobility

Molibus

The municipality promotes the use of mass transportation to use fewer private cars.



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Water

Technified Irrigation

Technified irrigation systems to reduce the amount of water used in the irrigation of parks and avenues.



2019

20 parks



2020

24 parks



2021/2022

30 parks

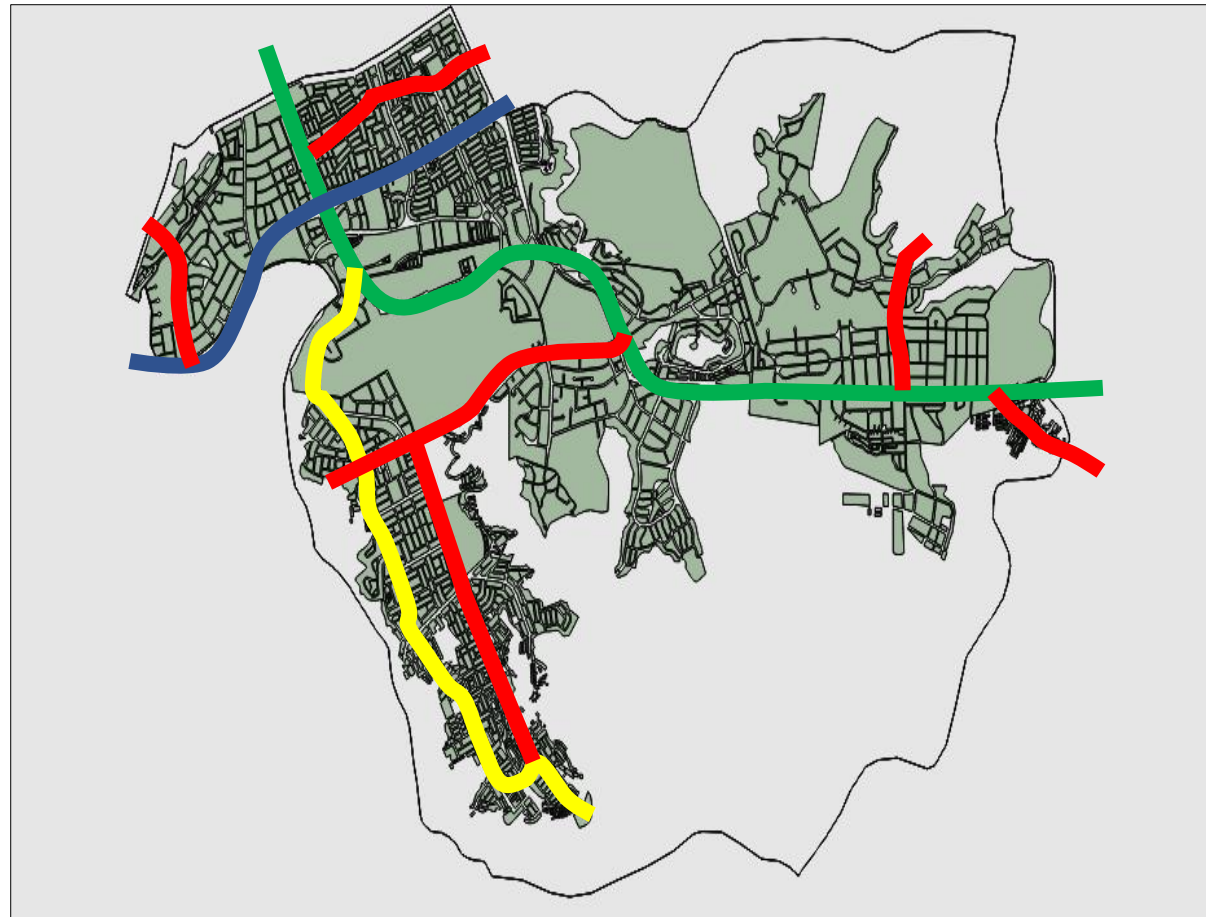
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Urban Green

Green Corridor

It will seek to have more urban trees in some streets and avenues.

Primary



Secondary



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Urban Green

Urban Forest

Creation of small urban forests distributed all over the district.



2019

3 forests

2020

5 forests

2021/2022

7 forests

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Urban Green

Tree Phone

Both programs add forest plantations.



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📅 Lunes a viernes
🕒 8:00 a.m. a 4:30 p.m.
📞 948789635

 Municipalidad de La Molina

#LaMolinaVerde



2019

1000 trees



2020

5000 trees



2021/2022

10 000 trees

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Urban Green

Molihuertos

The Municipality of La Molina promotes urban agriculture.



2019

0
beneficiaries



2020

100
beneficiaries



2021

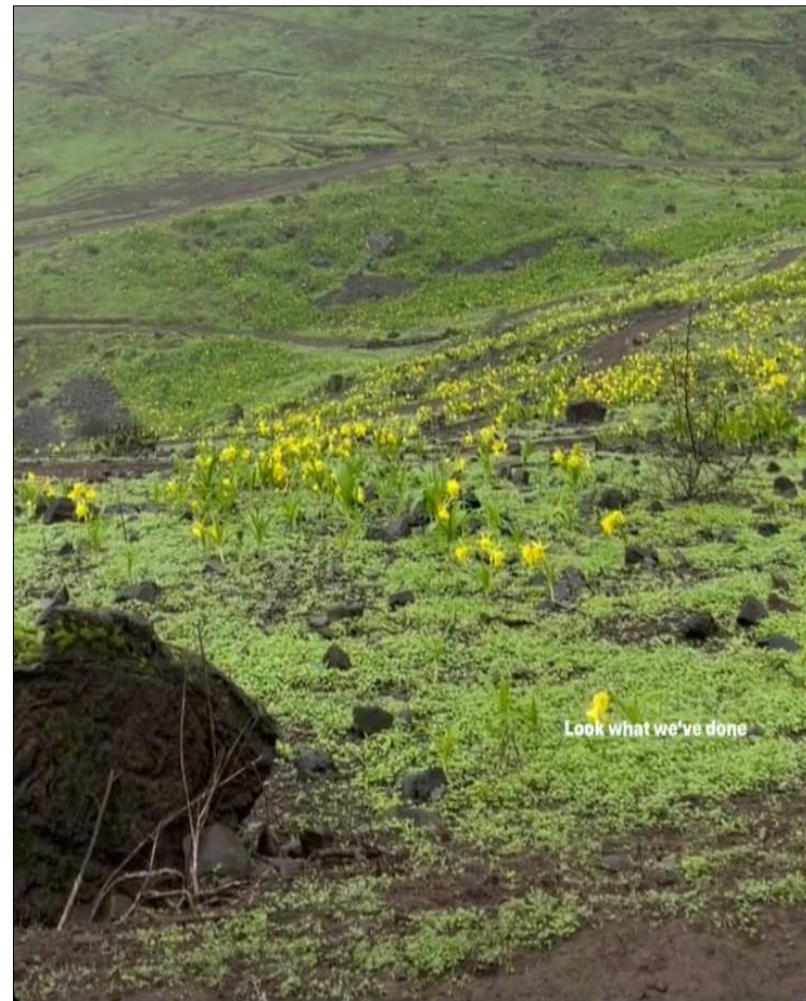
600
beneficiaries

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[Urban Green]

[Ecological Park]

The ecological park of La Molina gives value to the hillsides, it is a space for public enjoyment. It will be part of a regional conservation area for Lima.



Forests

Tree nursery

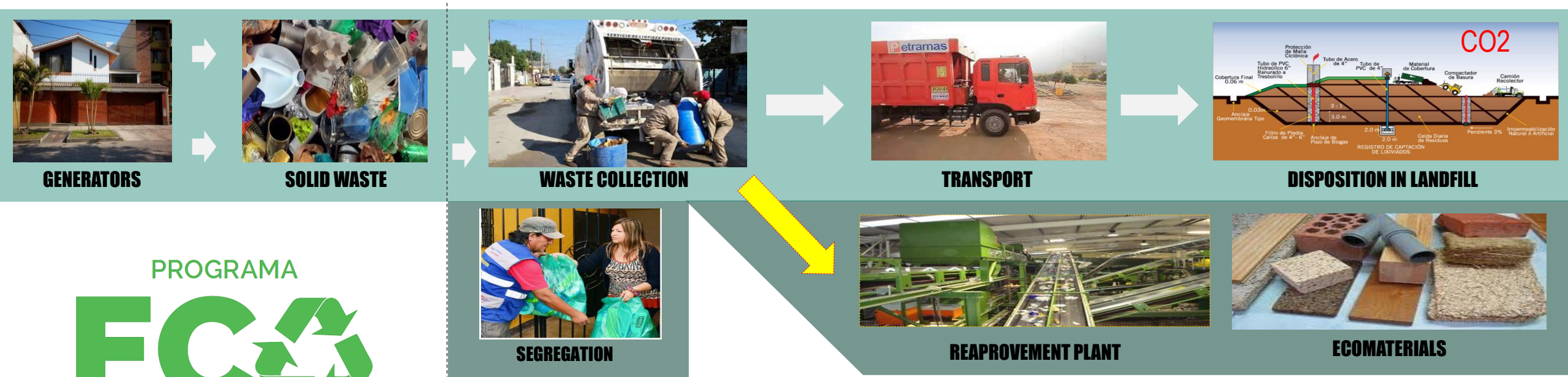
Residual Water treatment plant

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[Solid Waste]

[Eco Recicla]

CURRENT SCHEME OF WASTE MANAGEMENT



PROGRAMA
ECO
Recicla

PROPOSAL FOR THE MANAGEMENT OF SOLID WASTE

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[Solid Waste]

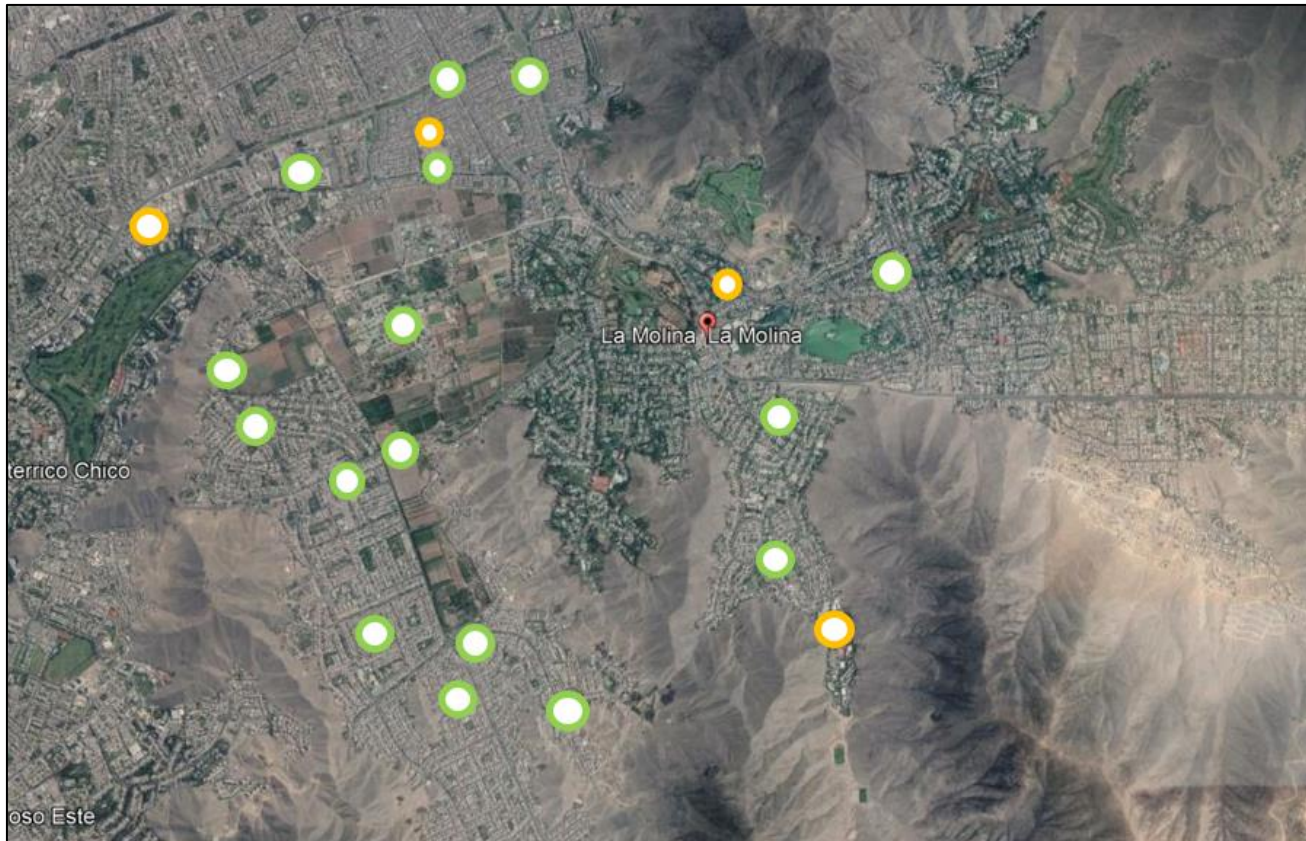
[Eco Recicla]



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[Solid Waste]
[Eco Recicla]

The program has collected 227 tons directly, also has 3 associations of recyclers who have collected 115 tons.



2019
500 ton
20 points



2020
550 ton
23 points



2021/2022
600 ton
26 points

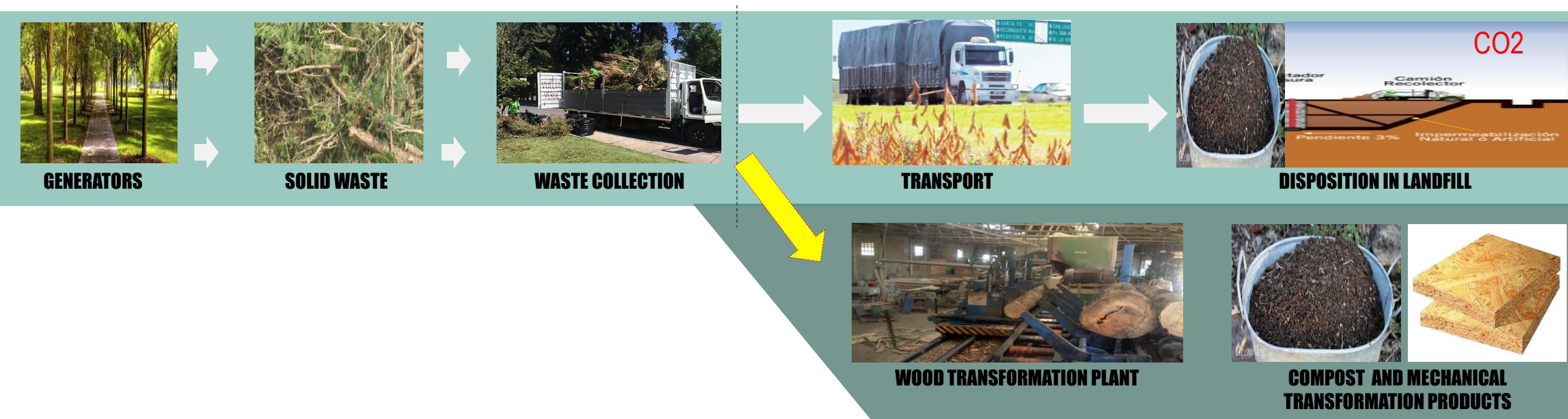
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Solid Waste

Green Waste

This project looks for 100% reuse all green waste.

CURRENT SCHEME OF GREEN WASTE MANAGEMENT



PROPOSAL FOR THE MANAGEMENT OF GREEN WASTE

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[Solid Waste]

[Green Waste]

It seeks to take advantage of all the grass that leaves the maintenance service of the green areas.

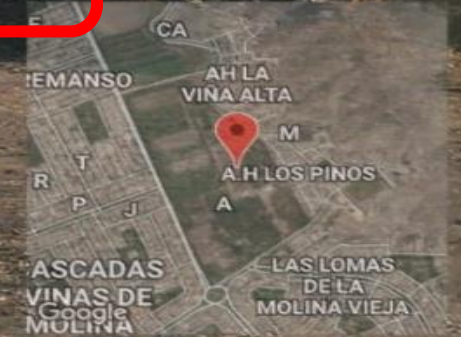
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Wood



Grass



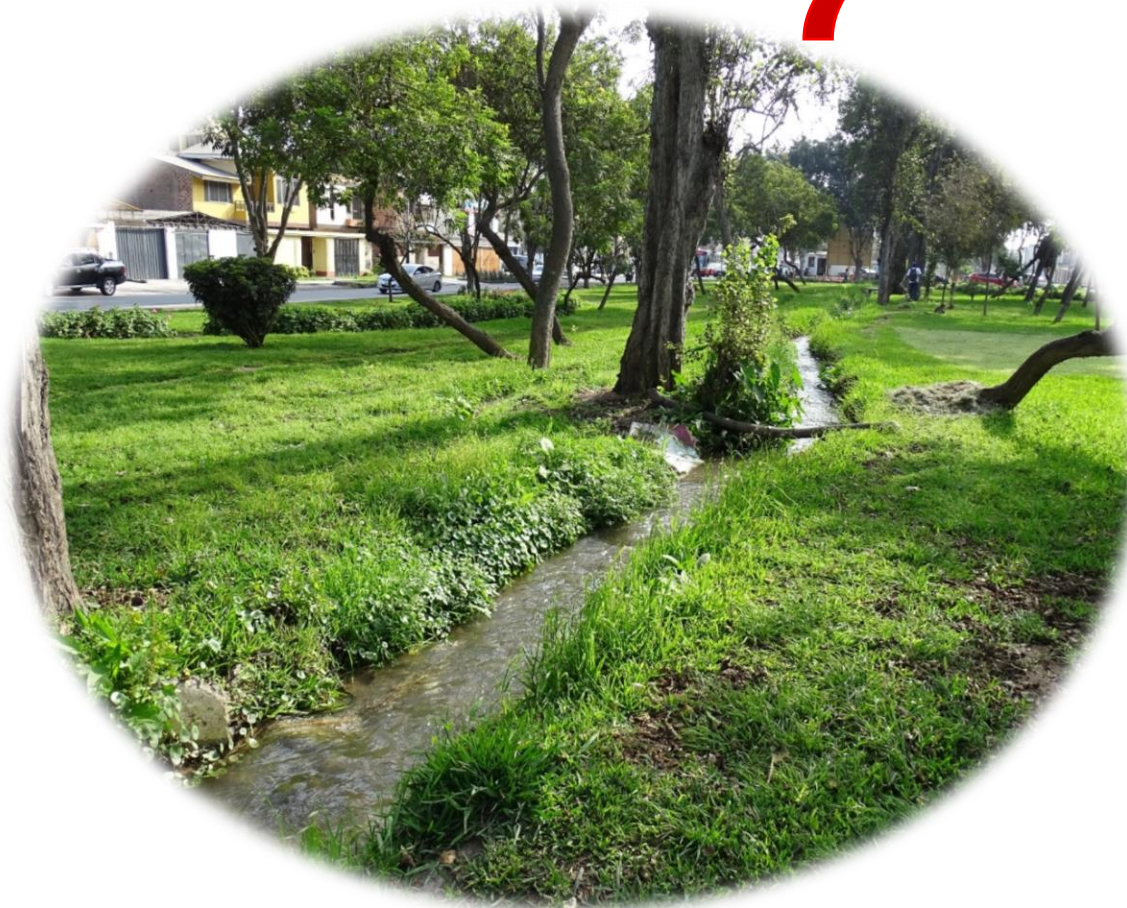
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Public Space

River Park

PROPOSED SITUATION

CURRENT SITUATION



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[Public Space]

[Moliterrazas]



CO₂ reduction results and roadmap and Future plan

[La Molina and carbón footprint]

260 thousand tons of CO₂ in the year 2019



228 thousand tons of CO₂ in the year 2027

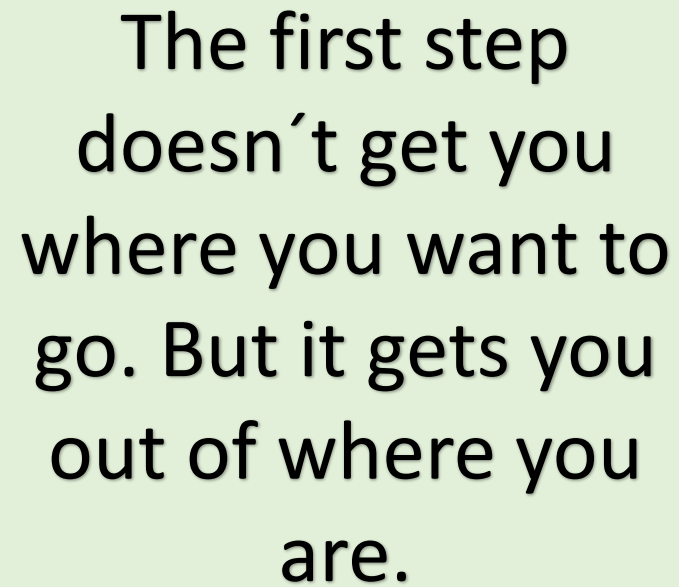


- Residential
- Commercial
- Transport
- Solid Waste
- Institutional

Low-Carbon Model Town in images



Final phrase



The first step
doesn't get you
where you want to
go. But it gets you
out of where you
are.

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La Molina Town, Set 2021

Thank you for your attention !