



SUSTAINABLE URBAN MOBILITY IN A COMPLEX CITY

German Habitat Forum
Session: Mitigating Climate Change through Sustainable Urban Mobility

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LA PAZ CITY

GENERAL FEATURES

- 100,000 public transport vehicles
- Capacity for 7.5 million people
- 200,000 people
- 200,000 people
- 200,000 people

PUBLIC TRANSPORT MAIN DIFFICULTIES

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GENERAL FEATURES



Altitude: 3.600 m.a.s.l.
Surface: 3.020 km² (95% rural; 5% urban)
Population: 907.765 inhabitants
Surrounded by 12 glaciers (water resource for the city)
Five major watersheds with over 300 rivers.

PUBLIC TRANSPORT MAIN DIFFICULTIES

- Over 15.000 public transport vehicles
- Capacity for 7 to 14 people.
- 90% enter urban center
- 300.000 people move every day from El Alto city to La Paz.
- 99% of the above use public transport
- 320.000 daily trips within 200 transport lines
- 150.000 people in transit every day
- Transport emissions represent 49% of the carbon footprint of the city
- More time for getting from one place to another affecting citizen's quality of life.





LA PAZ TOWARDS AN URBAN SUSTAINABLE MODEL

to build a compact, policentric, integrated, eco-efficient and focused on people city.
 The main criteria are: linking, eco-efficiency, coexistence, services, innovation, and renovation.
 Offer the possibility for a high quality urban mobility for people.

"Eco-efficient Urban Centralities"



OF ASSISTANCE:

RENOVATION

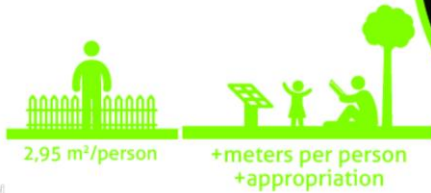
Balance between cultural and natural heritage to build resilience and sustainable urban development



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ECO-EFFICIENCY

Eco-efficiency in water and energy consumption, waste management, urban mobility and natural environments



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SERVICES

Goods and services descentration to avoid saturation of the urban center



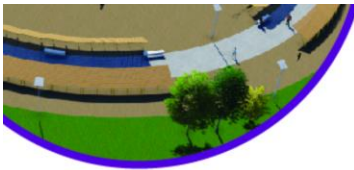
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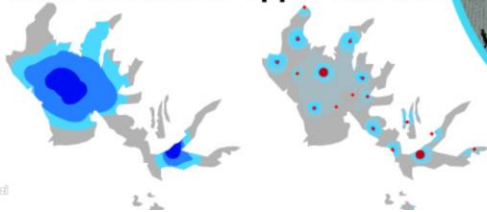
COEXISTENCE

Coexistence between natural and cultural heritage for climate change adaptation



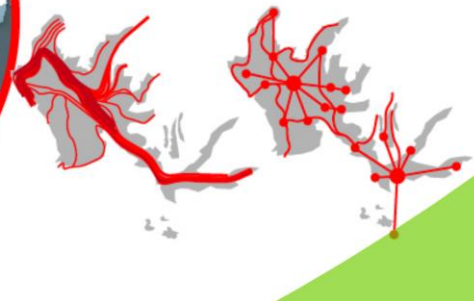
ENTREPRENEURSHIP

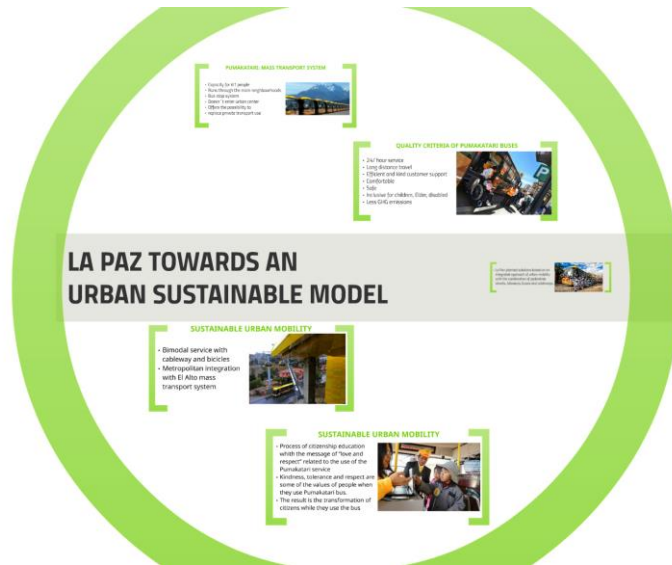
Eco-efficient buildings for local economics opportunities



VINCULATION

Sustainable and integrated urban mobility





- La Paz planned solutions based on an integrated approach of urban mobility with the combination of pedestrian streets, bikeways, buses and cableways.

Prati

PUMAKATARI: MASS TRANSPORT SYSTEM

- Capacity for 61 people
- Runs through the main neighbourhoods
- Bus stop system
- Doesn't enter urban center
- Offers the possibility to replace private transport use

Prati

QUALITY CRITERIA OF PUMAKATARI BUSES

- 24/ hour service
- Long distance travel
- Efficient and kind customer support
- Comfortable
- Safe
- Inclusive for children, Elder, disabled
- Less GHG emissions



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SUSTAINABLE URBAN MOBILITY

- Bimodal service with cableway and bicycles
- Metropolitan integration with El Alto mass transport system



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SUSTAINABLE URBAN MOBILITY

- Process of citizenship education with the message of "love and respect" related to the use of the Pumakatari service
- Kindness, tolerance and respect are some of the values of people when they use Pumakatari bus.
- The result is the transformation of citizens while they use the bus



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ECO-EFFICIENT INFRASTRUCTURE



- Bridges to link peripheral districts to reduce traffic.
- Pedestrian inclusive mobility though making streets able for wheelchairs and blind people.
- Bikeways
- Transform streets for pedestrians instead of automobiles.

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MITIGATION ACTIONS

- Air quality monitoring
- Emissions inventory

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LaPaz

eco eficiente

