

Rio de Janeiro

Urban Plan overview



Gabriel Denadai | Thaís Biagini

Agenda

1. Knowing City of Rio de Janeiro

2. Guaratiba Region overview

3. Guaratiba Sustainable District Masterplan

Cabuçu-Piraquê River Park

4. Conclusions



Knowing Rio de Janeiro



Knowing Rio de Janeiro



Rio de Janeiro City Hall

Institutional organization

City Hall Structure

- Secretaries
- Public companies
- Foundations

Secretary of Urbanism, Infrastructure and Housing

Urban planning

- City Master Plan (land use control)
- Urban projects (new streets, new parcel areas, sidewalk, public spaces)
- Local action plans
- Building permit

Partnership with the
Departments of
Transport, Heritage,
Enviroment, and
others.

Competences
(Constitution)



- Planning and land use control

Knowing City of Rio

Pop: 6.5 mi people | Density: 5265 hab/km²



Airports



Christ the redeemer



Maracanã Stadium



Copacabana beach



Sugar Loaf

Knowing City of Rio

World Heritage Site by UNESCO - Urban landscape



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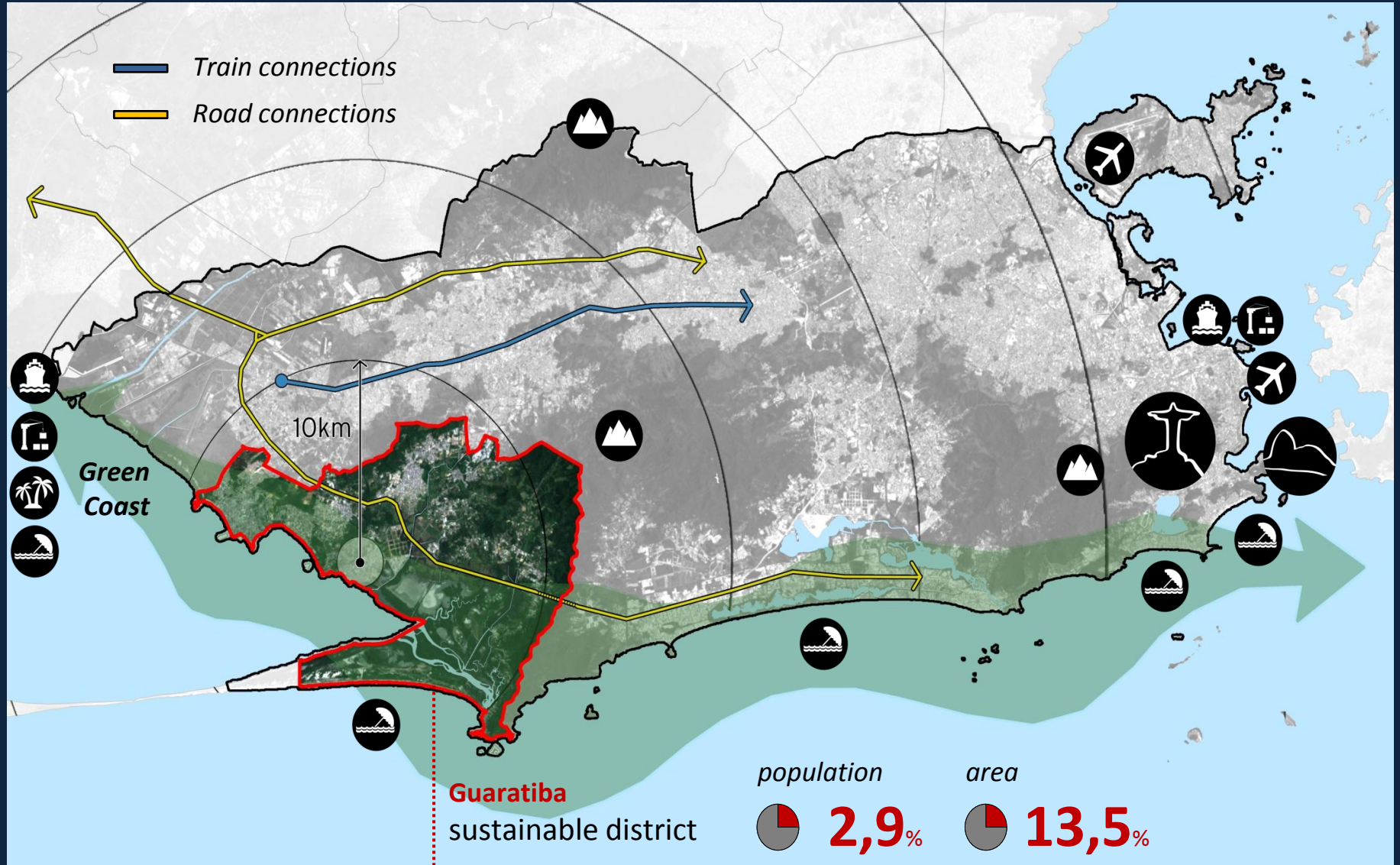
Cabuçu-Piraquê River Park

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Guaratiba



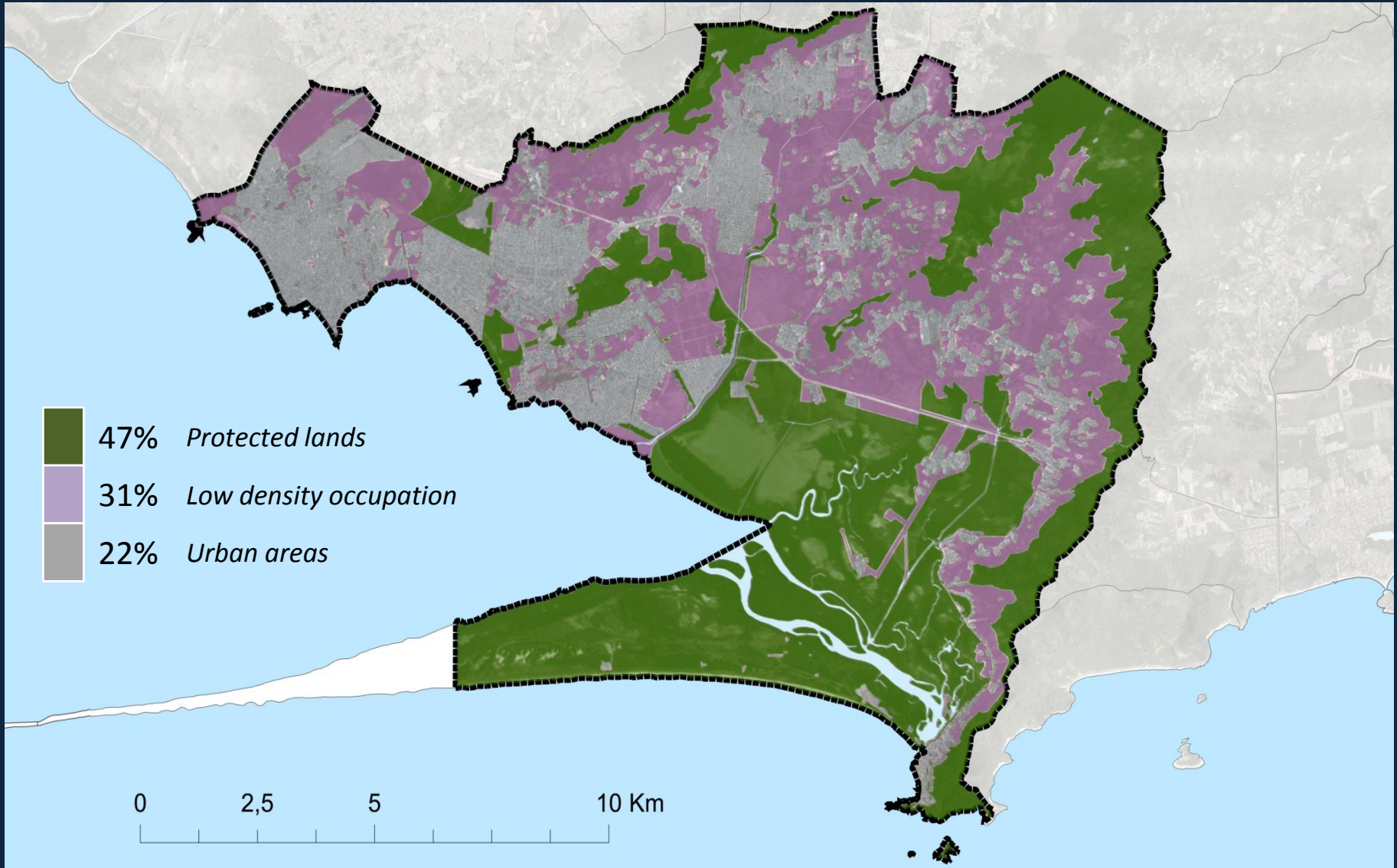
Guaratiba region in Rio de Janeiro



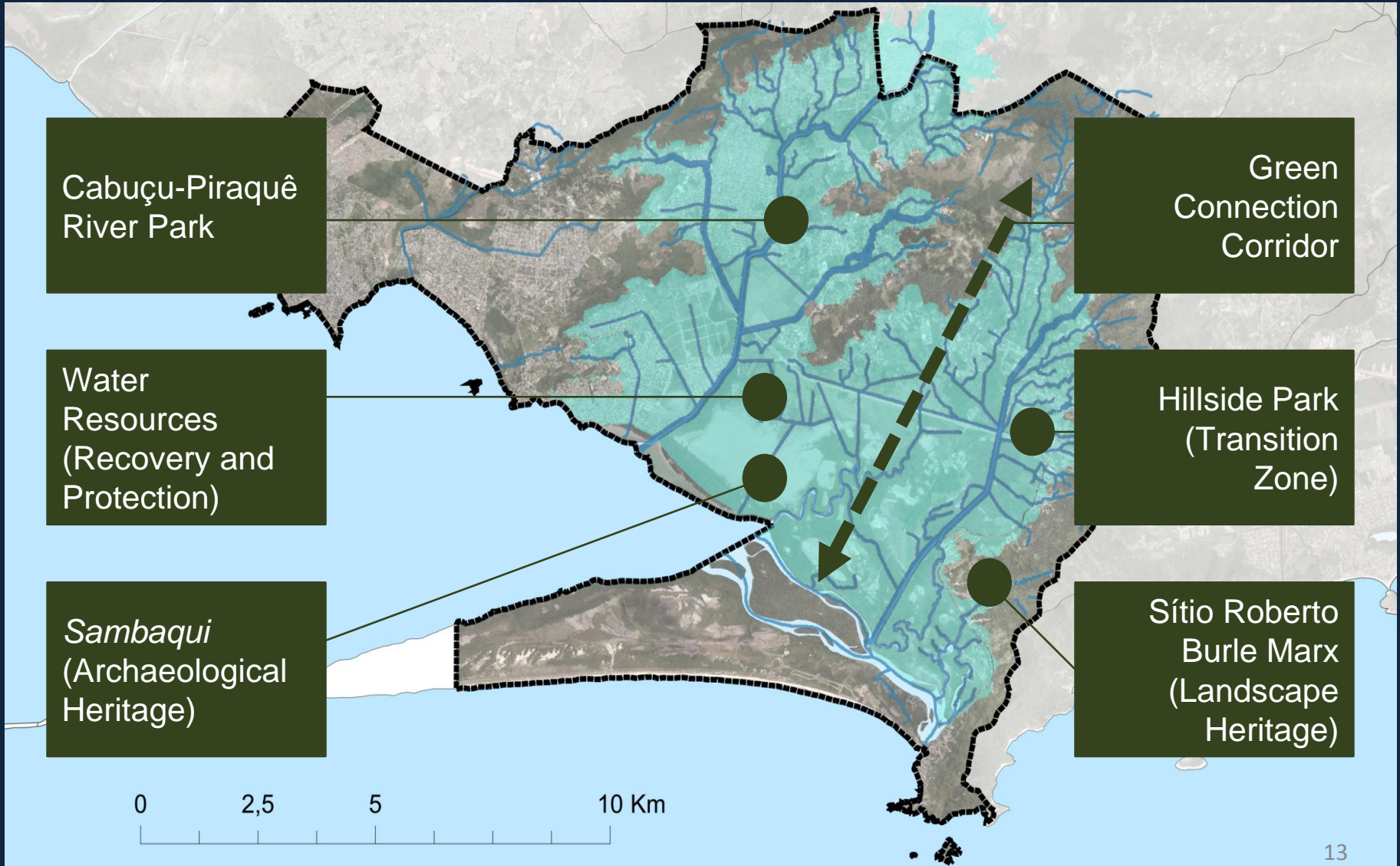
Environmental Protection



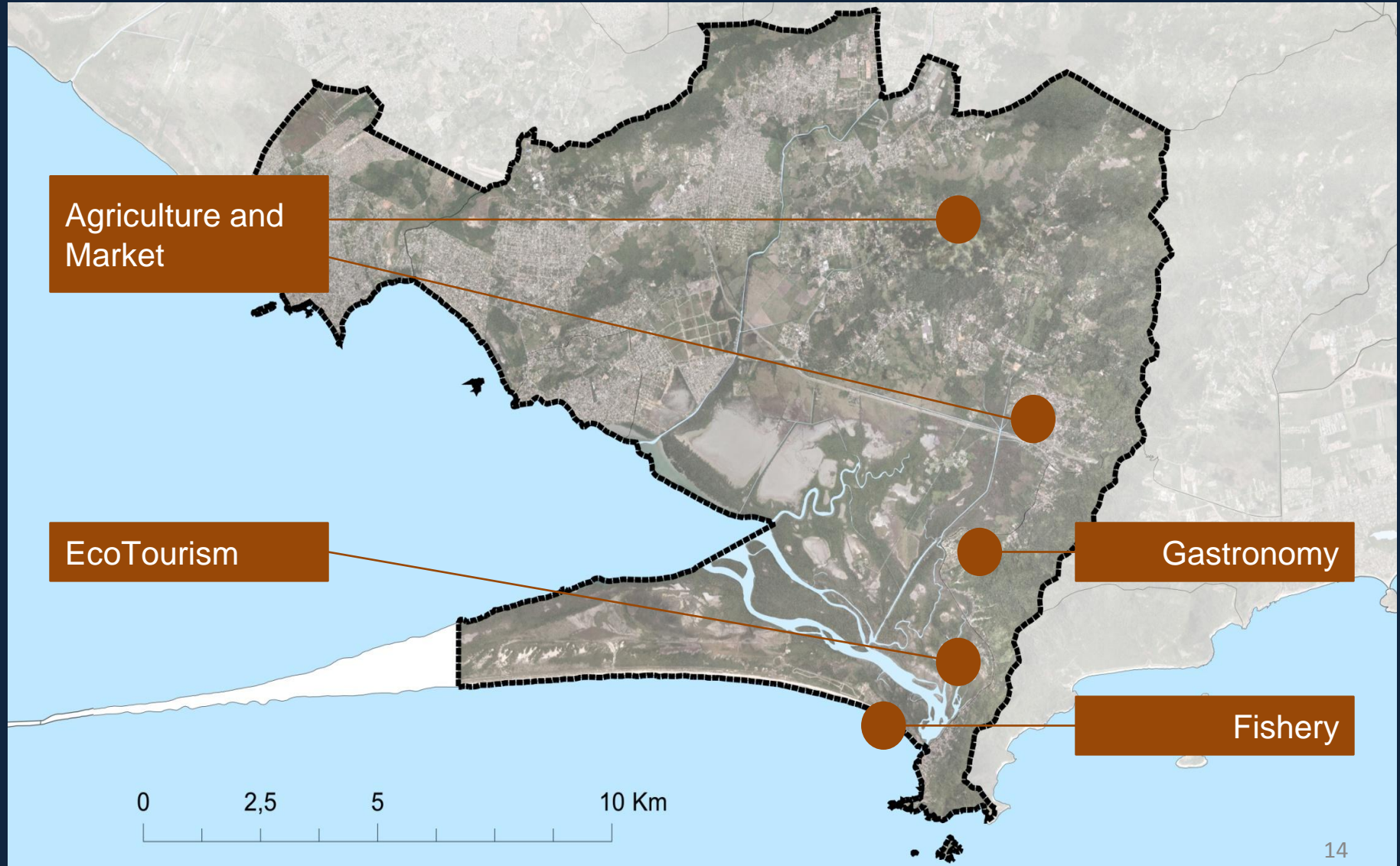
Environmental Protection



Enviromental Protection



Local Economy



Local Economy

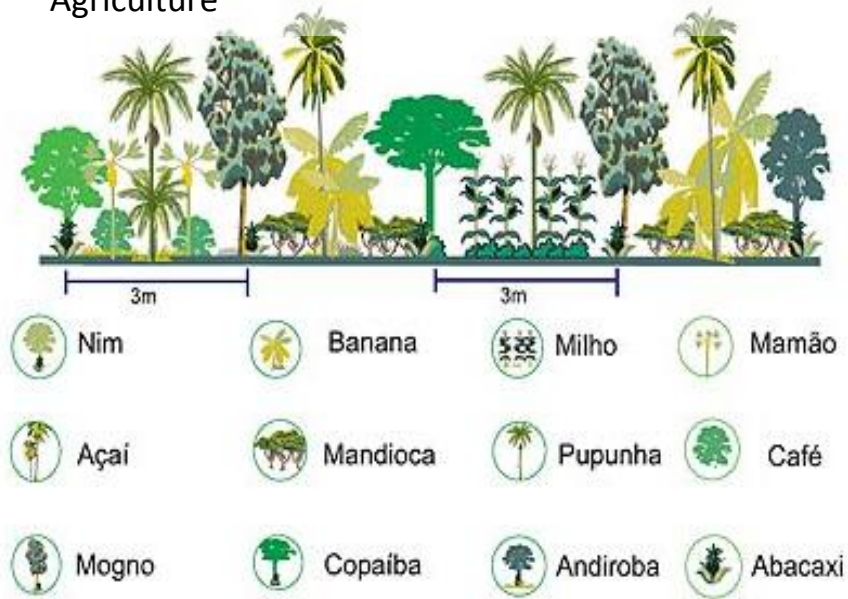
Gastronomy



Fishery

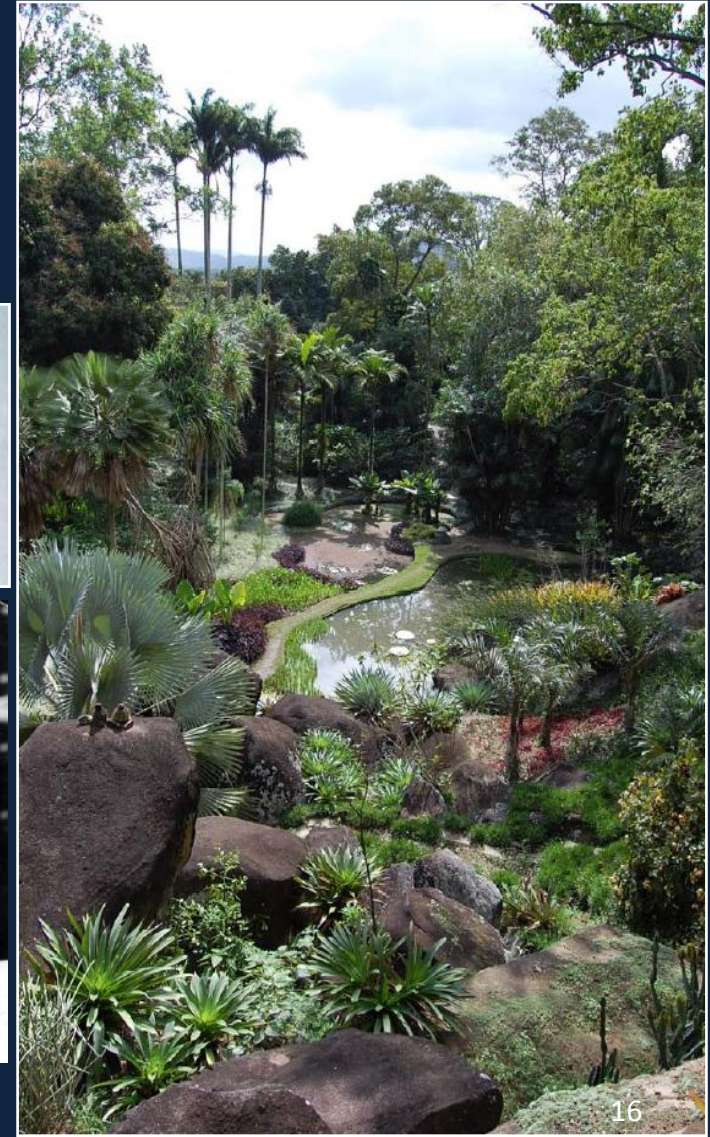
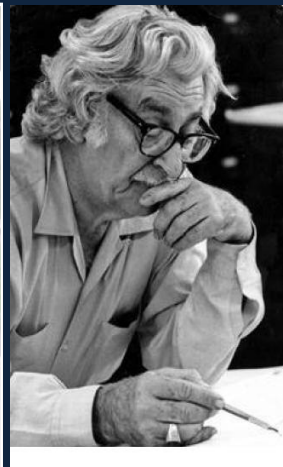


Agriculture



Environment and Culture

Roberto Burle Marx Place
(World Heritage Candidate)



Challenges

Environmental fragility

- areas subject to flooding
- need for preservation of the aquifer and vegetation

Pressure of the urban occupation

- new tunnel and BRT system
- irregular occupation around environmental protection areas

Opportunities

Urban voids



areas for the river park and to build sustainable settlements

Agriculture



maintenance of the activity to contain the urban expansion and to supply

Ecotourism



expansion potential, boost in the local economy and environmental education

Cycle modal



integration of the cycleway system for daily commuting, leisure and tourism

Agenda

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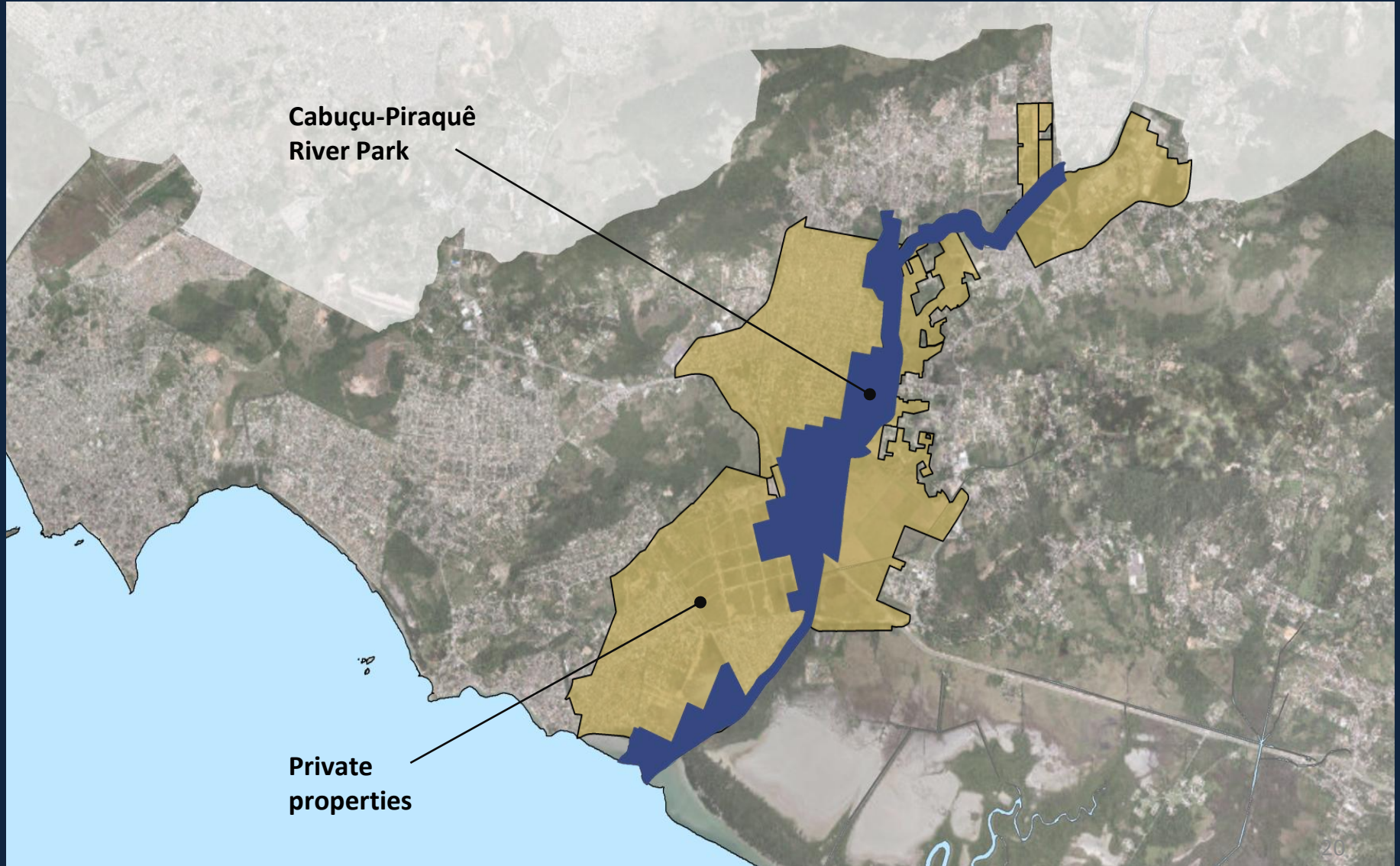
2. Guaratiba Region overview

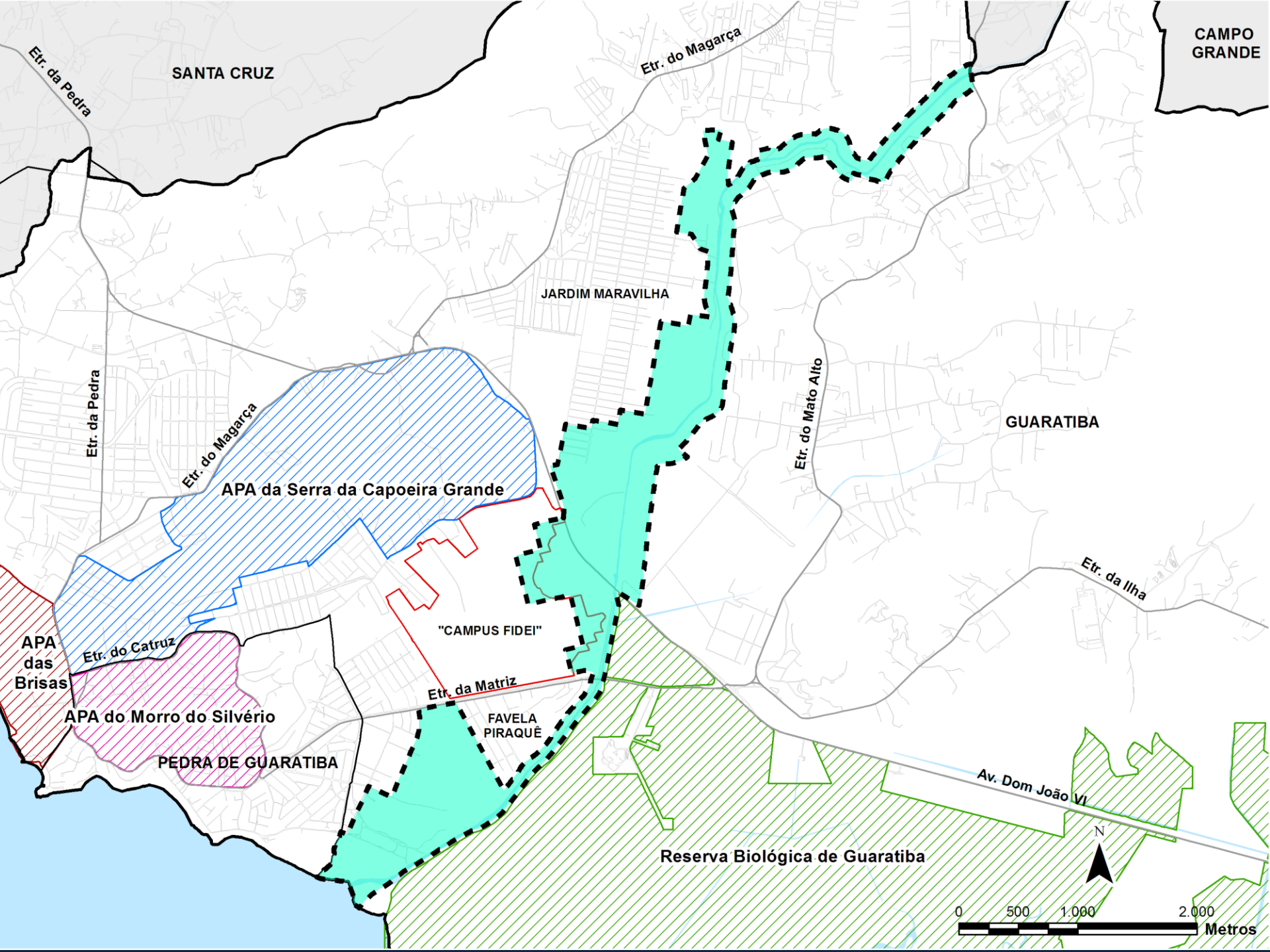
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Cabuçu-Piraquê River Park







River Park: some references



Brooklands (Milton Keynes – Reino Unido), Pacific Commons (Califórnia - EUA) e Fairway Chase (Queensland - Austrália)

Housing and Infrastructure: some references

EcoDistricts | EcoNeighbourhoods



Ref: Pedra Branca, Brasil.

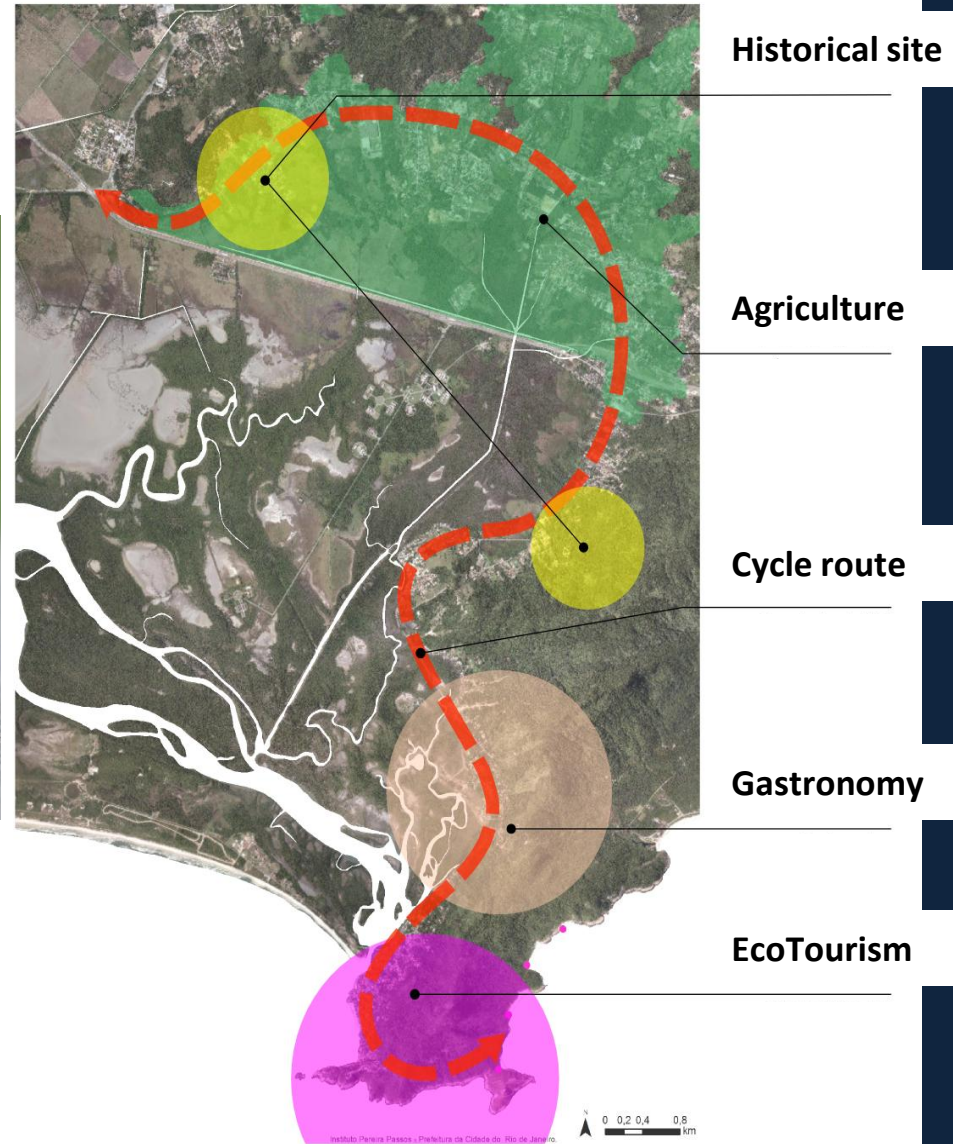


Ref: Pedra Branca, Brasil.



Mobility and Transport

Cycle Plan



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Conclusions

It is important not to lose sight of the diversity of regions that constitute a city, natural, urban voids and rural areas are a reality in Rio de Janeiro.

This work was an important achievement in the sense of integration between disciplines and secretariats.

The success of the implementation of the **Masterplan and Park** will be related to the support of the population and the rulers.



Sustainable cities,
Healthy environment.

Thank you

Rio de Janeiro | Brazil



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