Using Data Analytics, Machine Learning, and **KPIs for Urban Planning** and Design







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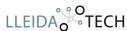
- Bachelor Degree in Economics



- MSc in Business Administration











SUSTAINABILITY

CARBON NEUTRALITY



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JUST TRANSITION



SUSTAINABILITY

CARBON NEUTRALITY

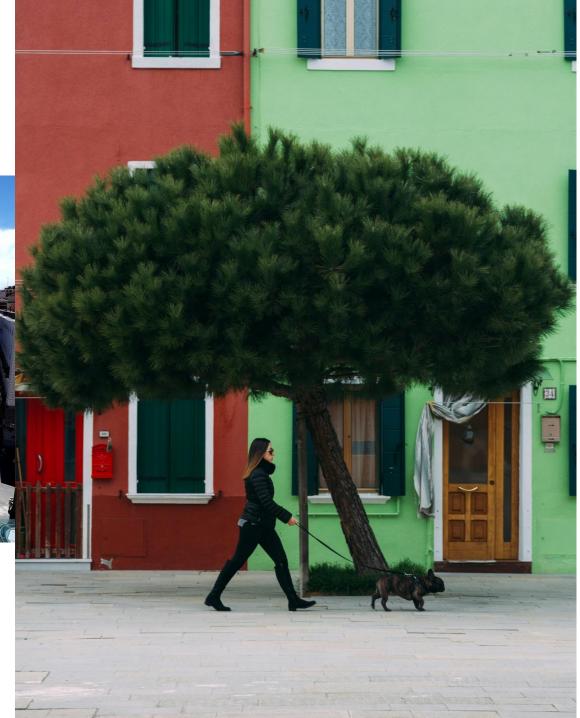
JUST TRANSITION

SMART CITIES

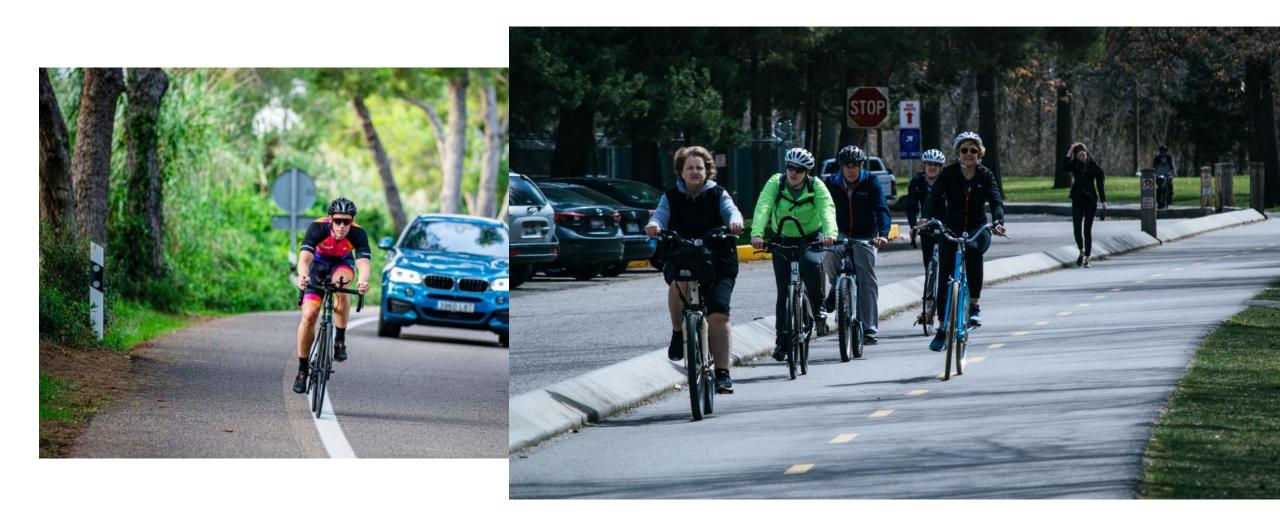


Puerta del Sol, Madrid









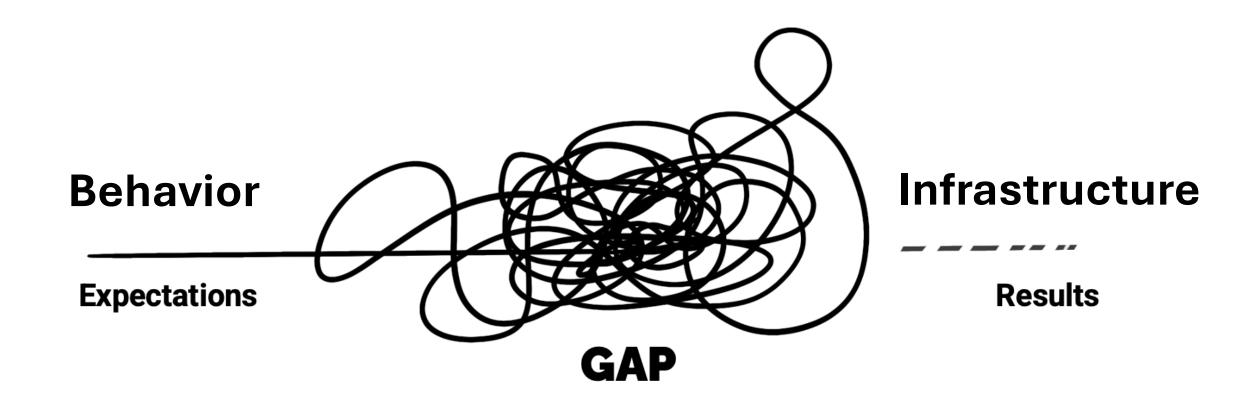
Which is the problem?

Predisposition on the part of society.

Which is the problem?

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Lack of infrastructure on the part of the administrations.











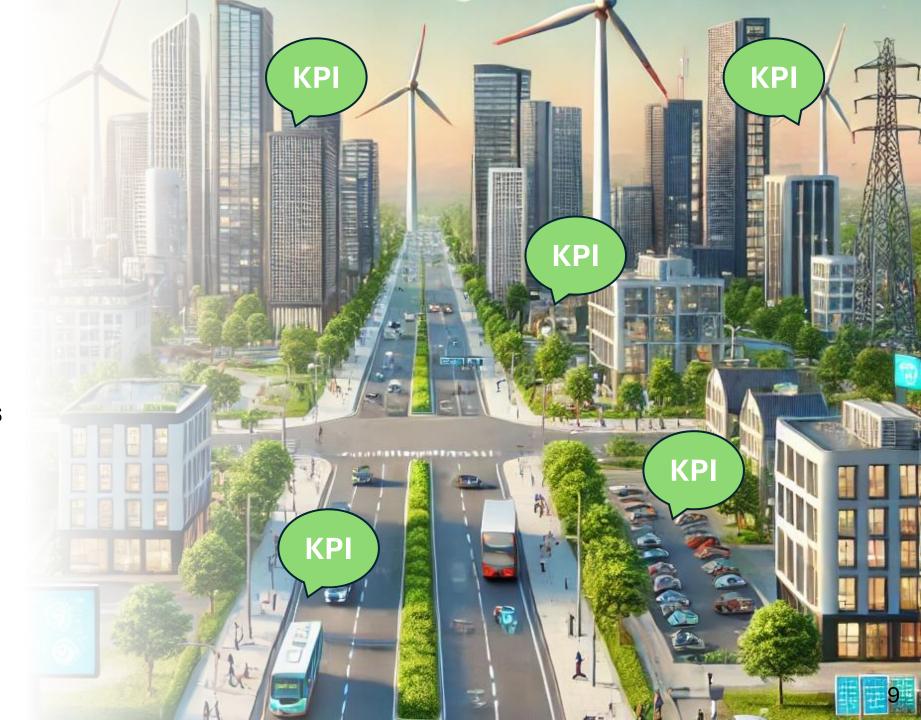




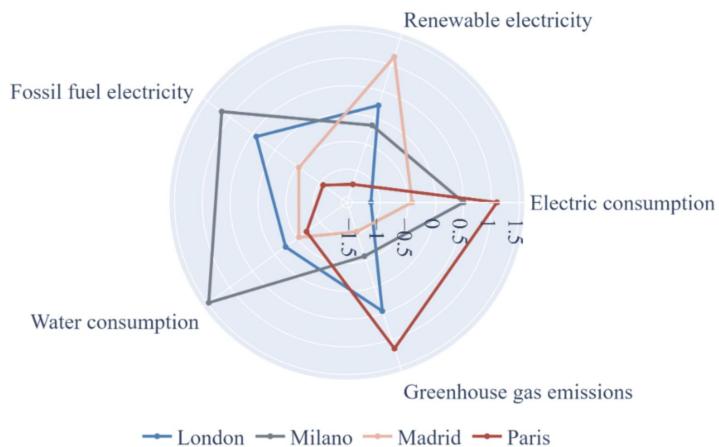


Data collection

Descriptive and prescriptive analysis

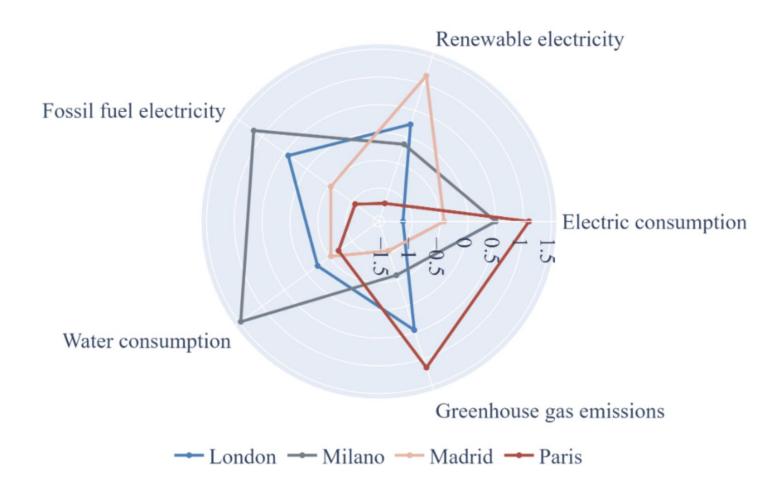


• Promote best practices.

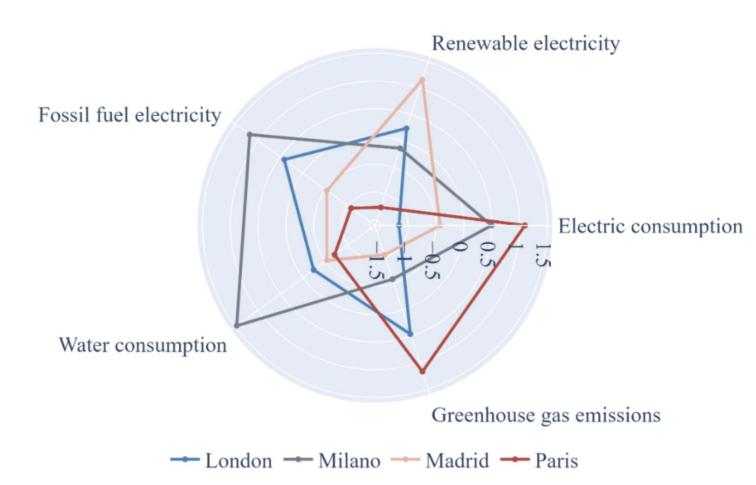




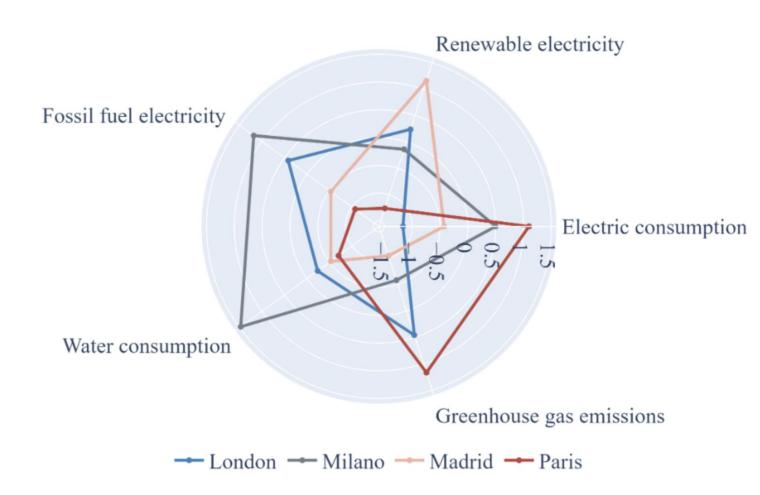
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- Identify policy failures in order to adjust them.



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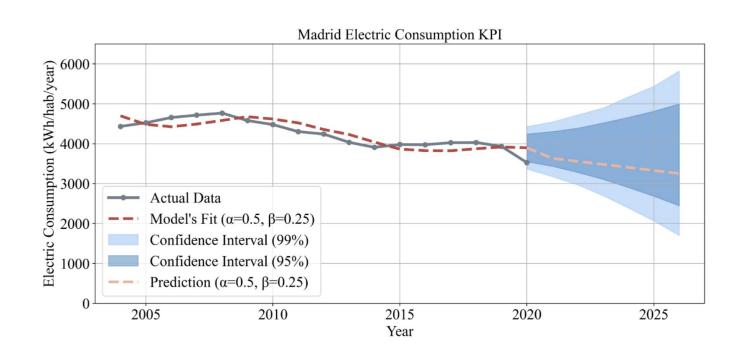
- Promote best practices.
- Identify policy failures in order to adjust them.
- Overcome shared obstacles.
- Share knowledge among stakeholders.



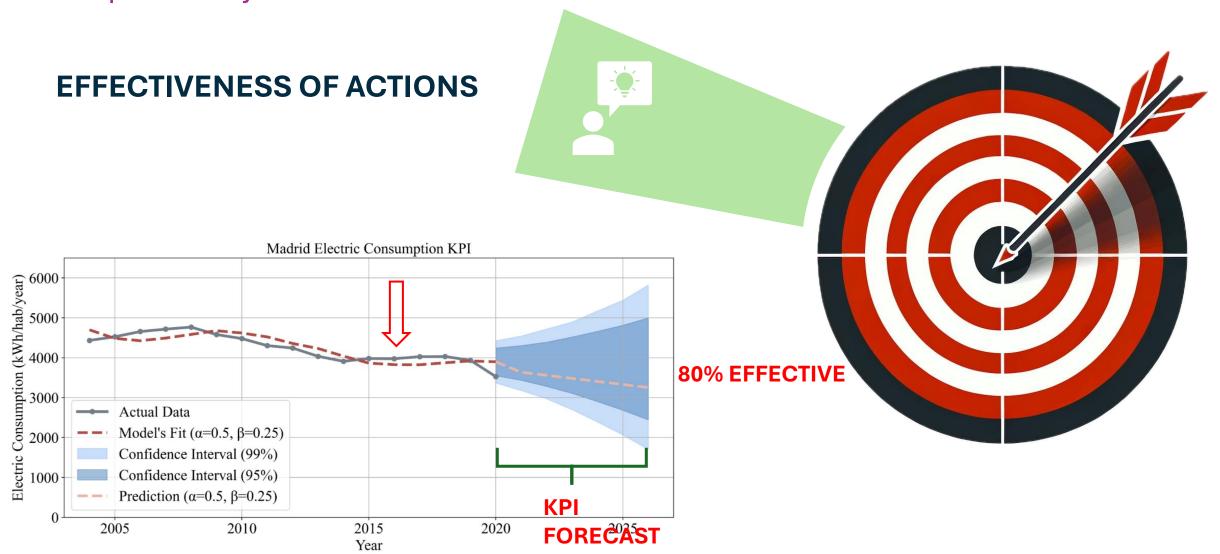
EFFECTIVENESS OF ACTIONS



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EFFECTIVENESS OF ACTIONS

RESOURCE MANAGEMENT



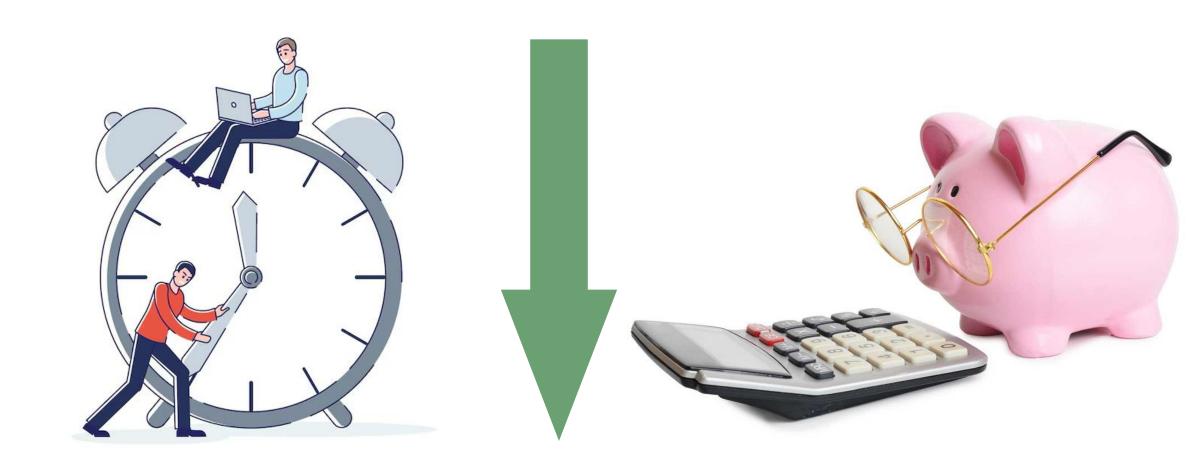
EFFECTIVENESS OF ACTIONS

RESOURCE MANAGEMENT

ECONOMIC FORECAST







Conclusions

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Proactive and informed decision making:
Combines analysis of current, historical data, and

the sustainable development of the city.

future predictions to **guide**

Adjust **policies**based on past
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patterns to
anticipate
changes in
resource demand
and urban needs.

THANK YOU VERY MUCH FOR YOUR ATTENTION

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