



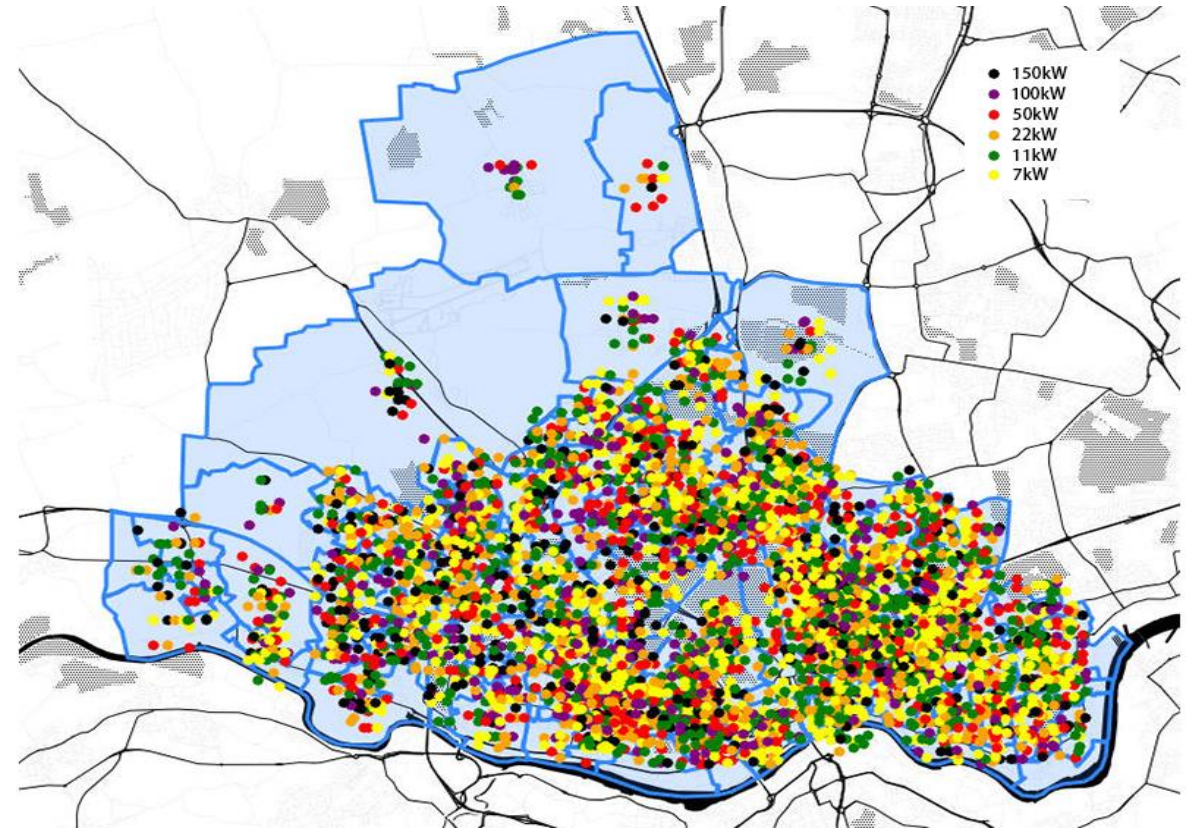
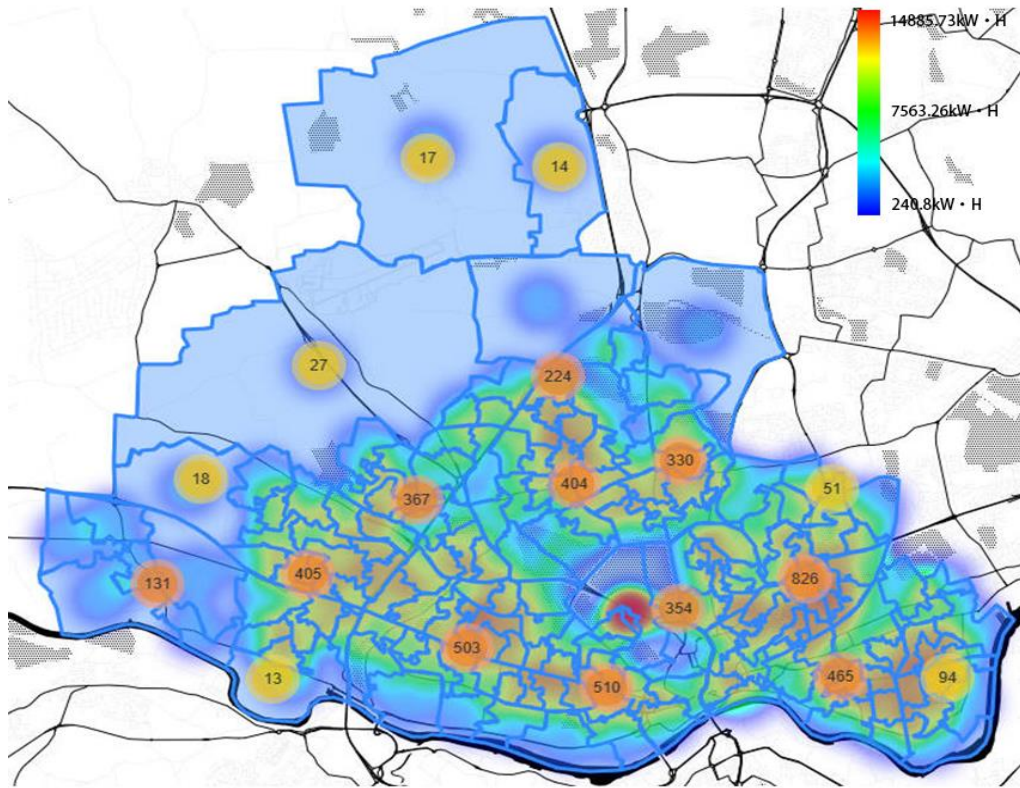
Rise of the machines? Innovation and policy design for future mobility

Prof. Roberto Palacin_School of Engineering

Rise of the machines...machine learning, agent-based models and AI that is!

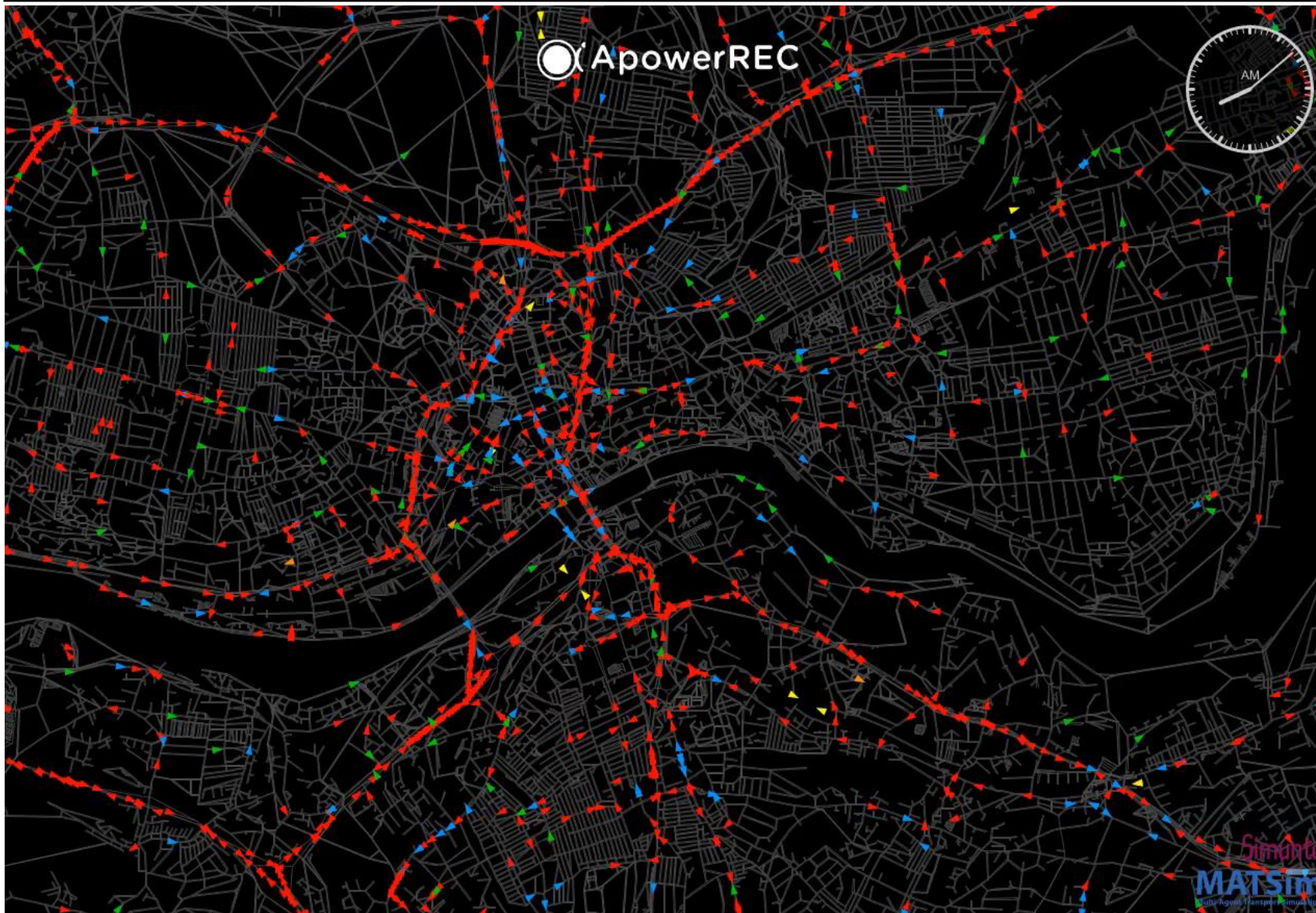
(no terminators on sight...yet)

What role can **modelling and machine learning** play in developing innovative ways to **design** more effective **policies** aimed at improving active travel and public transport patronage creating more **liveable urban spaces**?



The numbers written on the circles represent the number of EV charging points within the related areas.

Spatial distribution of the genes in the optimisation representing EV charging points



Vehicle type

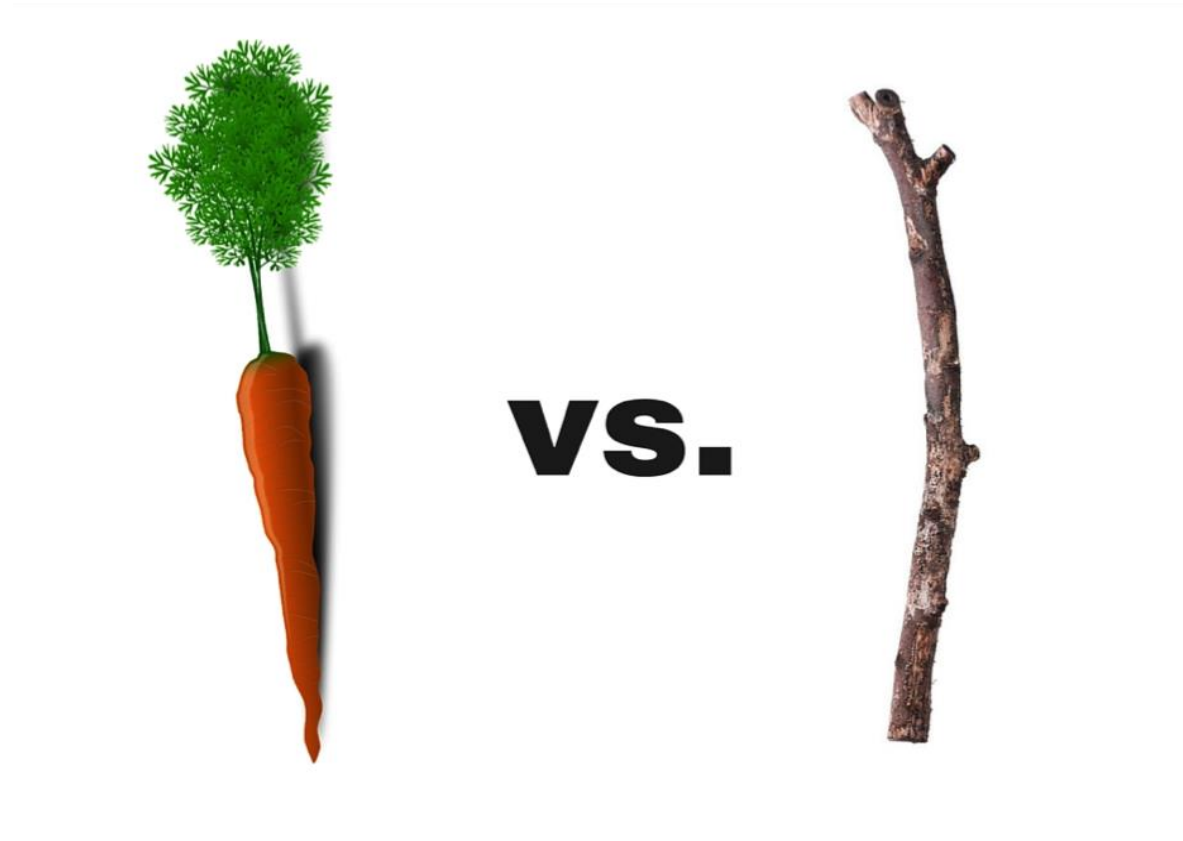
 Car

 Bus

 Rail

 Metro

 Bicycle



“**carrot and stick**” is an idiom representing a system in which you are rewarded for some actions and threatened with punishment for others
(Cambridge Dictionary)

Thank you for listening
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