



# AIPARK

Artificial Intelligence Based Parking

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## Finding open parking spots with Big Traffic Data and AI

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 **nVIDIA**  
INCEPTION PROGRAM



**eXIST**  
Existenzgründungen  
aus der Wissenschaft

# Driving a car is annoying

Because drivers don't know **where to park!**

**10 min**  
per drive

Extra time are spent **circling around** searching for an open spot

**30%**

of urban traffic is caused by parking

**28 cities**

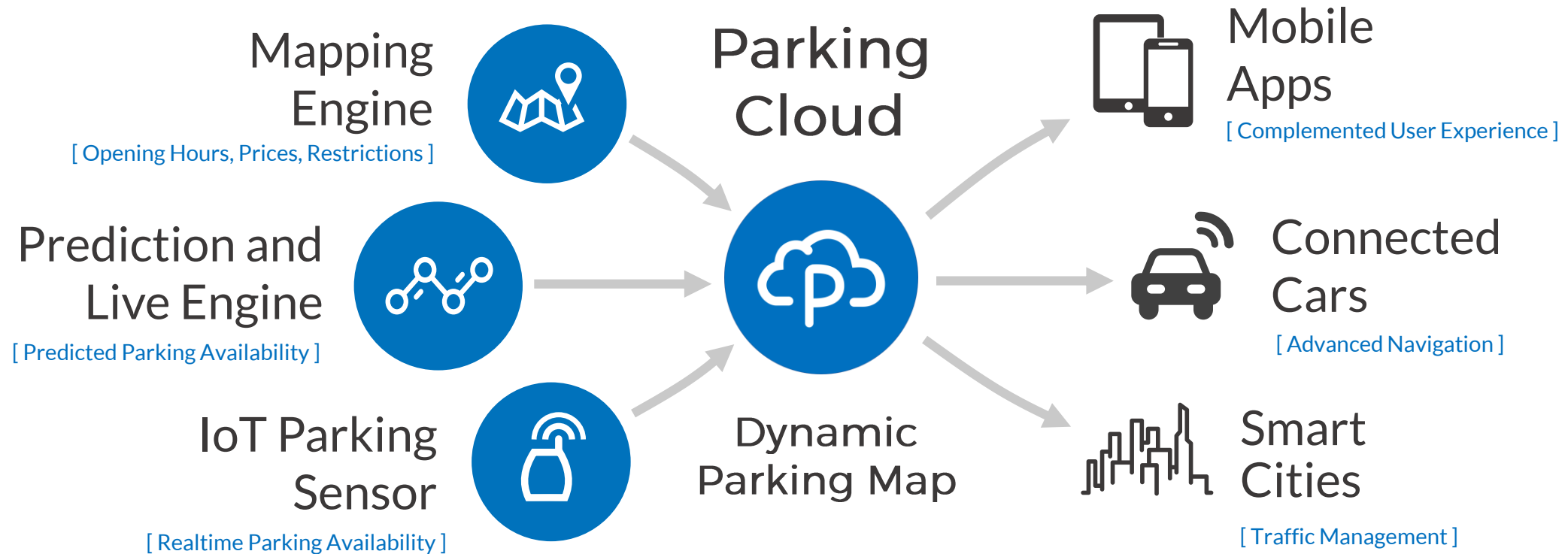
in Germany think of driving bans because of air pollution

**90%**

of drivers want a **parking assistant**



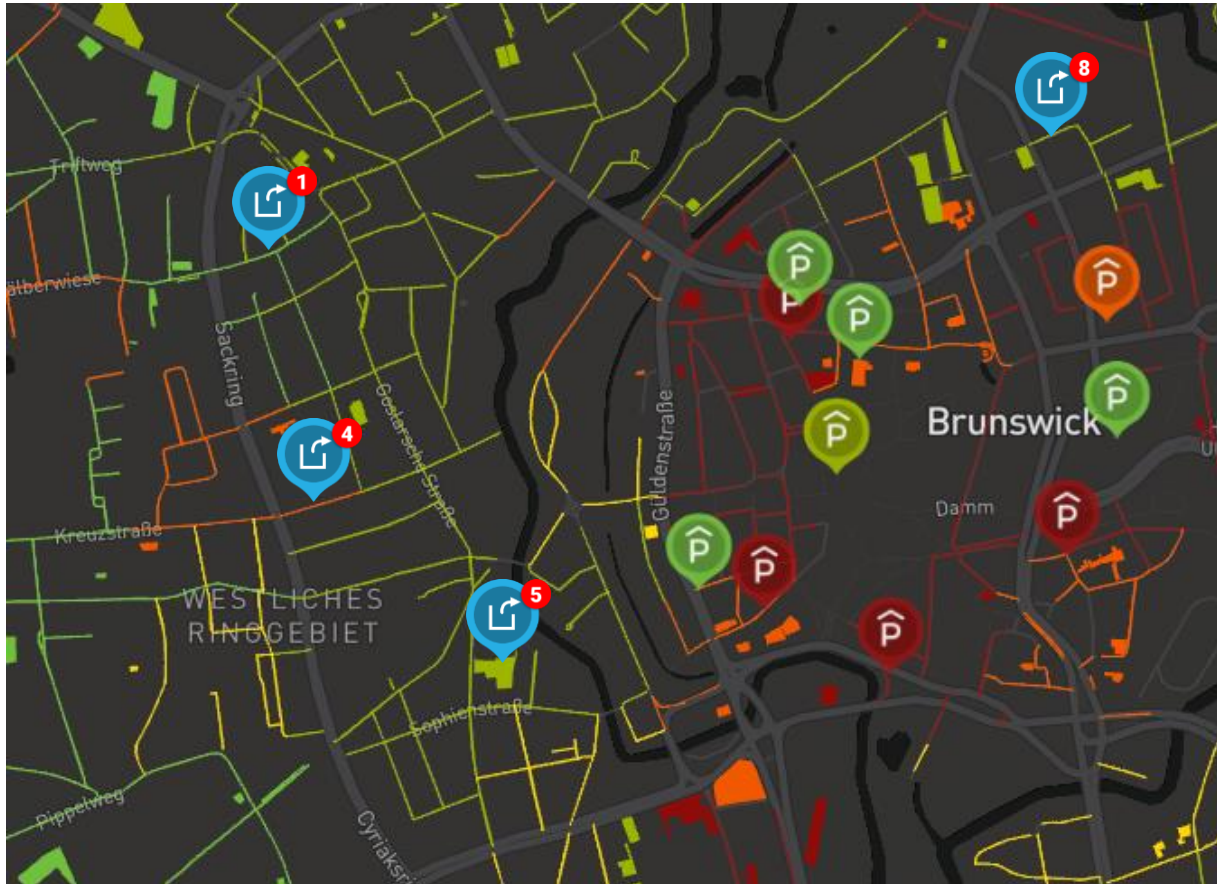
# Knowing where to park – everywhere







# The Dynamic Parking Map



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## 1.8 Mio parking areas

covered in 140+ cities in Germany

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Neural Networks model the probability of finding available on-street parking



Opening hours, prices, restrictions available for millions of parking spots



See **open spots** in real-time based on data from **5+ Mio connected vehicles**



500+ live feeds from parking garages and on-street occupancy sensors

# Our customers and partners



Gefördert durch:



Bundesministerium  
für Wirtschaft  
und Energie

aufgrund eines Beschlusses  
des Deutschen Bundestages







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[www.aipark.de](http://www.aipark.de)



[info@aipark.de](mailto:info@aipark.de)



+49 531/391 3118



INCEPTION PROGRAM

