The Qualcomm Urban Mobility Index

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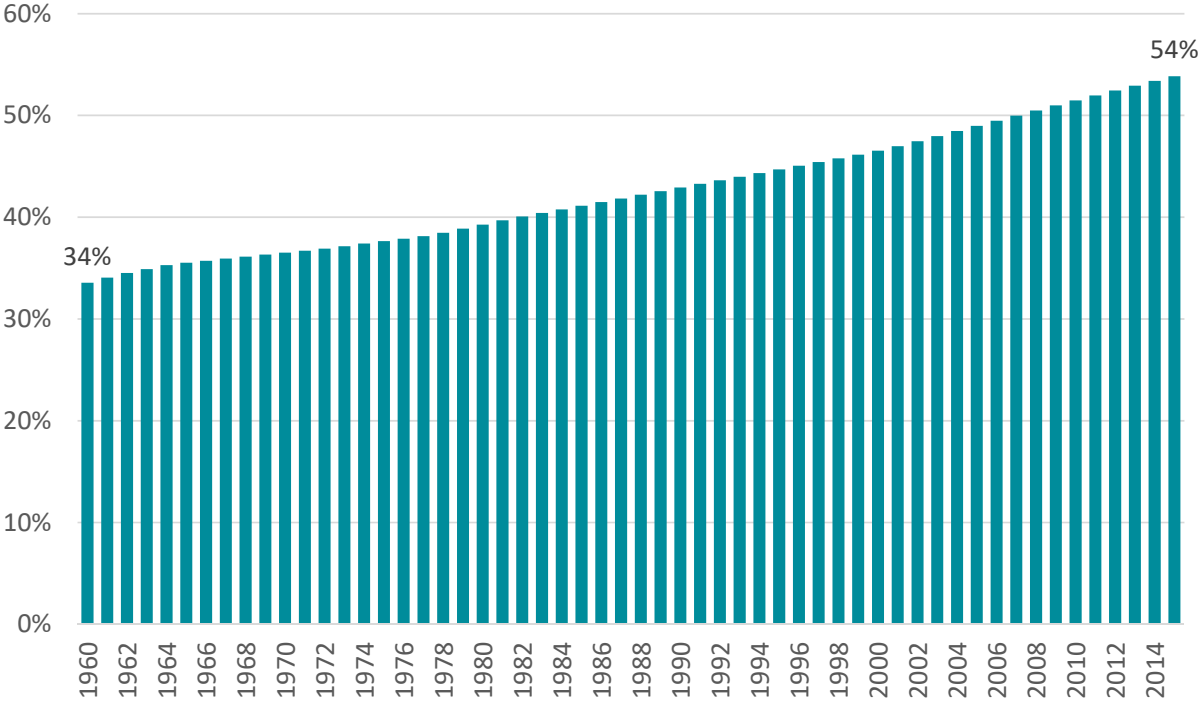June 2017

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What we wanted to accomplish
Research approach
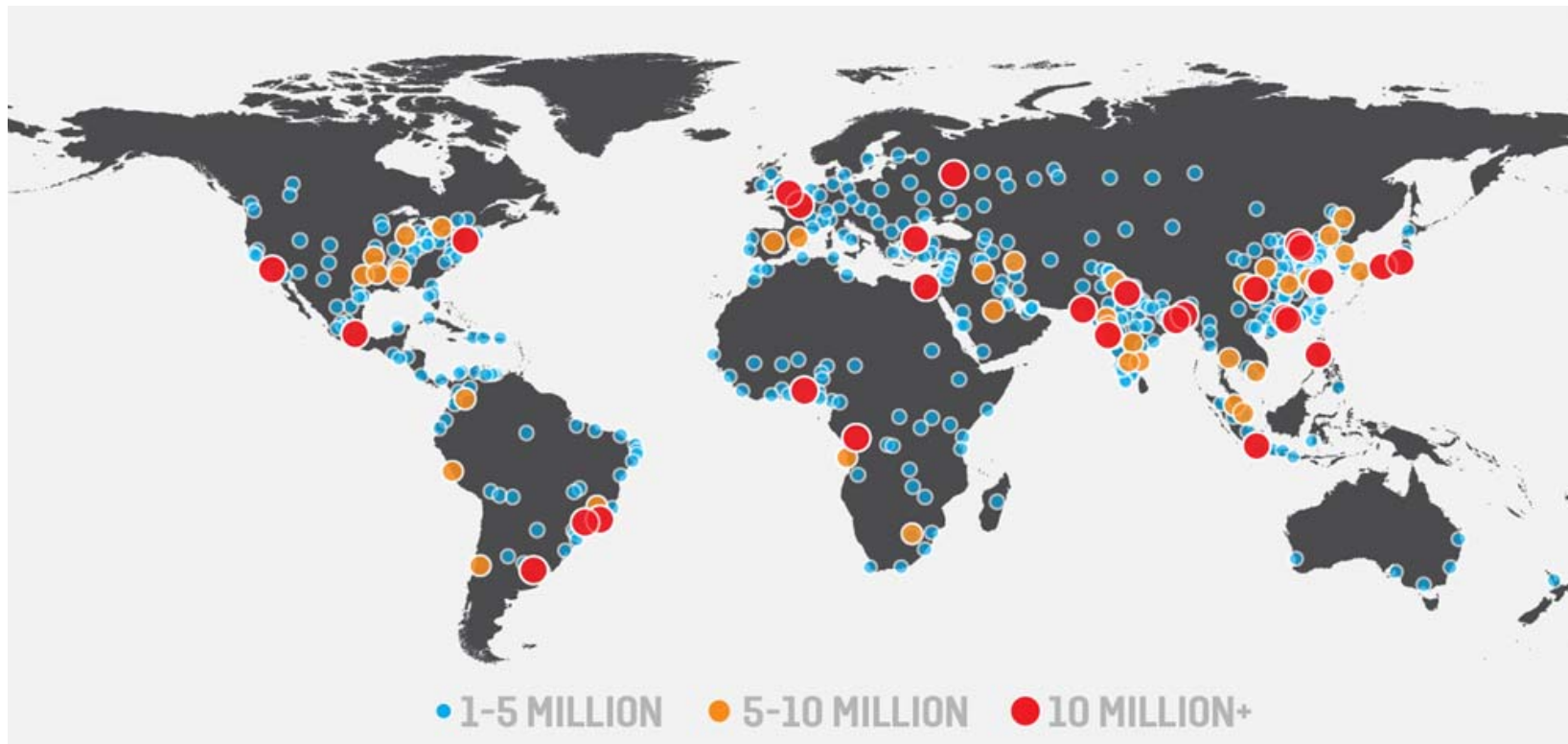# Results

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The world is becoming increasingly urbanised...

World's urban population, % of total

…and mega cities are on the rise

2014

- 1-5 MILLION
- 5-10 MILLION
- 10 MILLION+

Source: United Nations, Foreign Policy

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2030

● 1-5 MILLION   ● 5-10 MILLION   ● 10 MILLION+
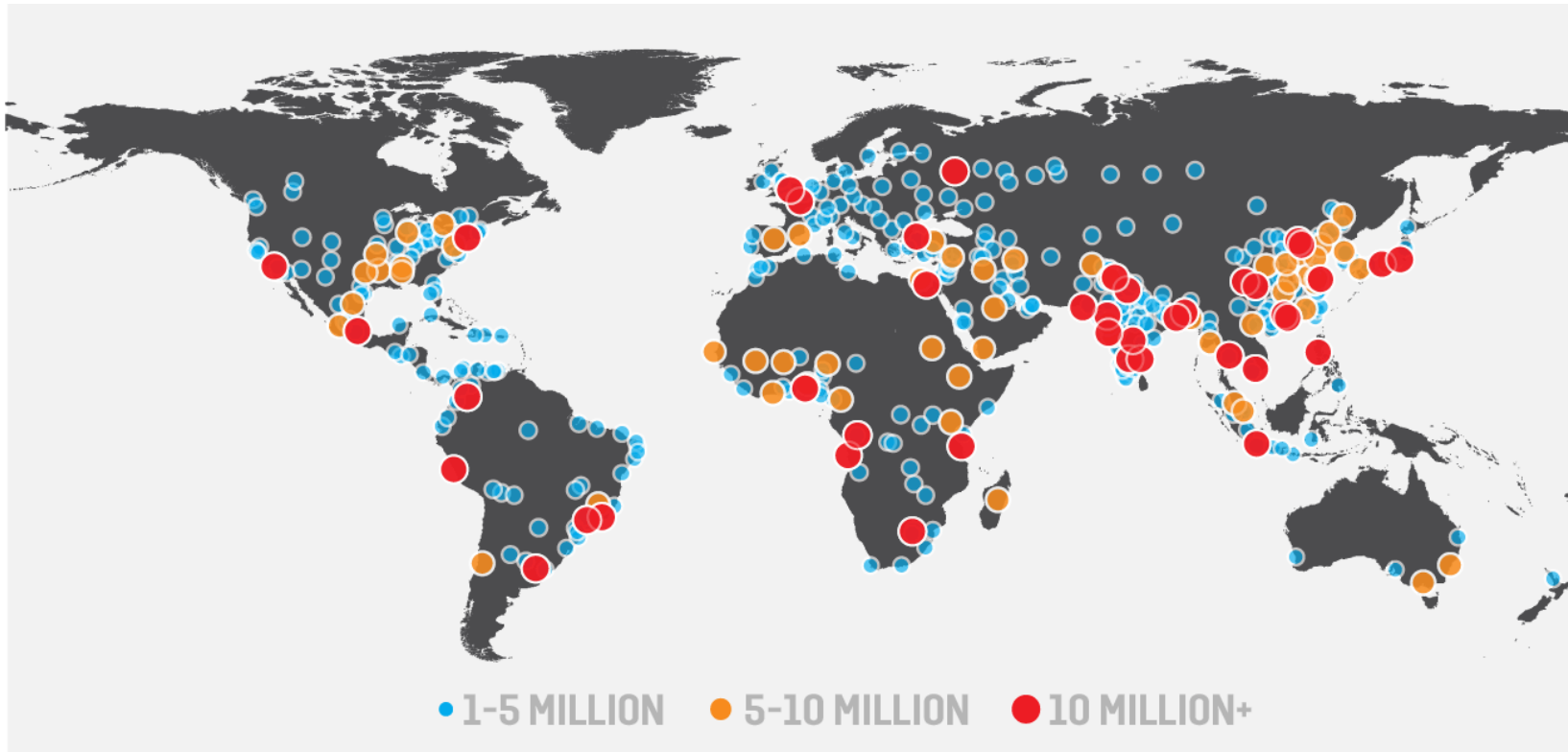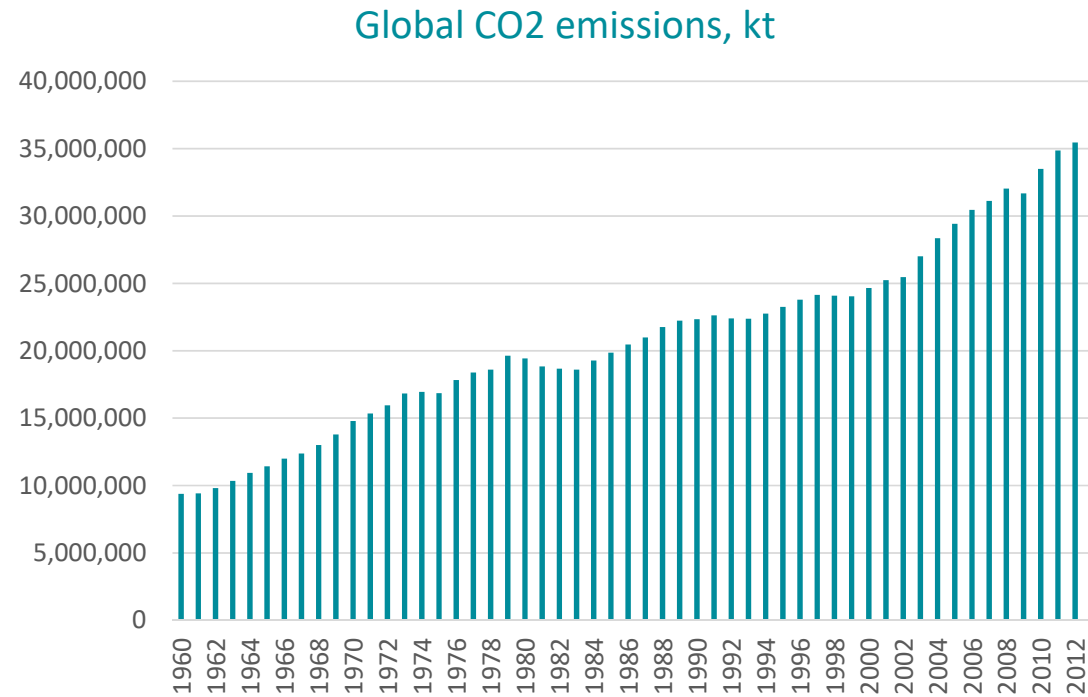
Source: United Nations, Foreign Policy

As cities grow, their transportation faces huge pressure

Leading to more emissions and pollution...

Impacting the standard of living for hundreds of millions

Global CO2 emissions, kt

Source: The World Bank

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A focus on 35 major cities around the world
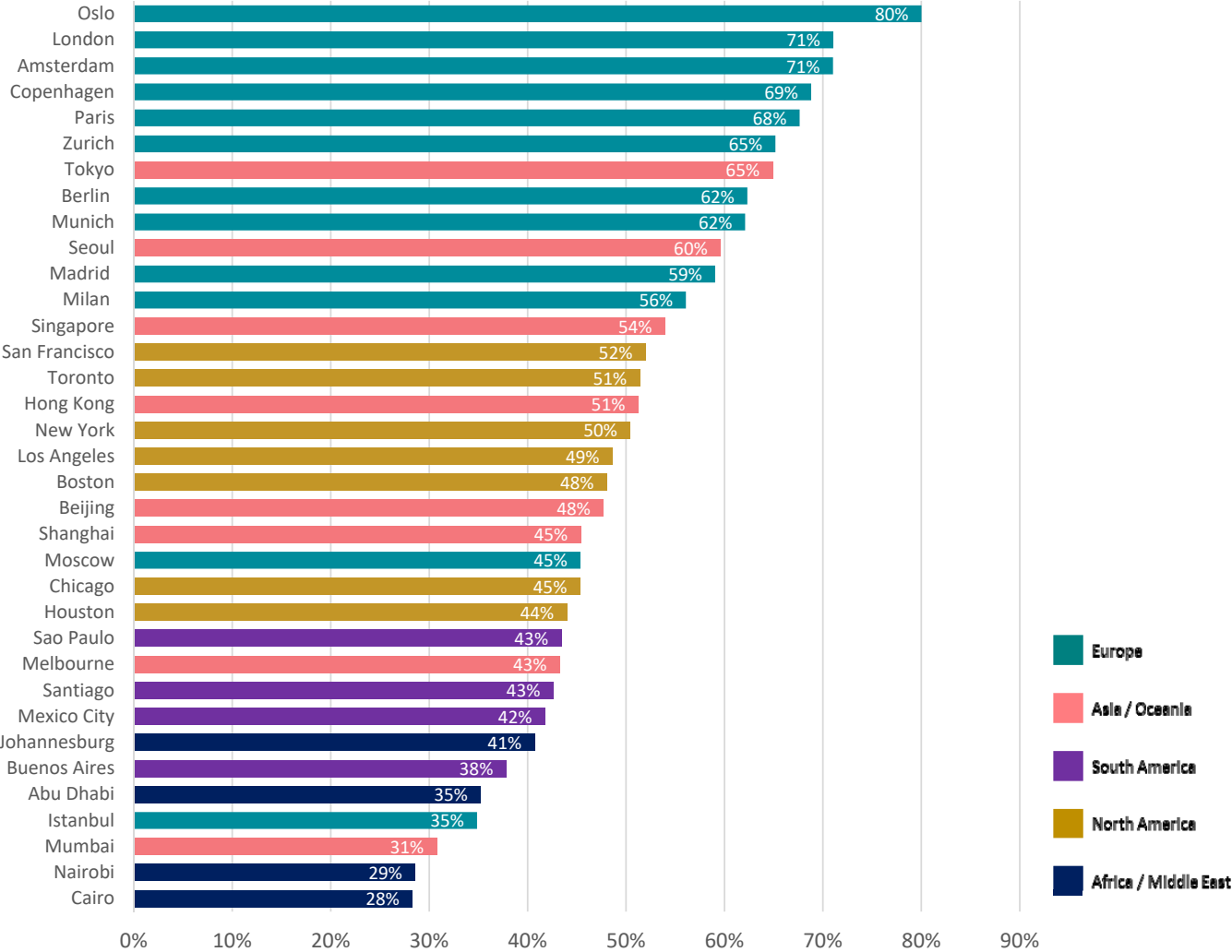
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Measuring a city's performance and plans for urban mobility

Status Quo
Outdoor air pollution
Congestion level
Modal split of trips taken
Green spaces
Transport infrastructure
Energy intensity
CO2 emissions
Population growth
Population density

Conditions for Change
Availability of cycle schemes and car sharing schemes
Financial incentives for zero-emission vehicles
Non-financial incentives for zero-emission vehicles
Use of electric vehicles
Price of fuel to price of electricity ratio
Green travel initiatives for public transport and taxis
Low emission zones

Preparedness for the Future
Commitment to low emission agenda
Autonomous vehicle preparedness
Infrastructure public investment
Availability of charging points for electric vehicles

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Overall urban mobility index score

City	Score
Oslo	80%
London	71%
Amsterdam	71%
Copenhagen	69%
Paris	68%
Zurich	65%
Tokyo	65%
Berlin	62%
Munich	62%
Seoul	60%
Madrid	59%
Milan	56%
Singapore	54%
San Francisco	52%
Toronto	51%
Hong Kong	51%
New York	50%
Los Angeles	49%
Boston	48%
Beijing	48%
Shanghai	45%
Moscow	45%
Chicago	45%
Houston	44%
Sao Paulo	43%
Melbourne	43%
Santiago	43%
Mexico City	42%
Johannesburg	41%
Buenos Aires	38%
Abu Dhabi	35%
Istanbul	35%
Mumbai	31%
Nairobi	29%
Cairo	28%

Legend:
- Europe
- Asia / Oceania
- South America
- North America
- Africa / Middle East

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Full report available online:

www.qualcomm.com/news/onq/2017/04/25/qualcomm-urban-mobility-index-2017