

CITIES ARE HUBS FOR...

...innovation and collaboration. More than half of the world's people live in them. Cities consume...

78%

...of energy globally. Untapped potential in cities can significantly accelerate a global shift away from fossil fuels.

Power generation is the single largest carbon emitter - and by a big margin. Per year, the power market currently emits...

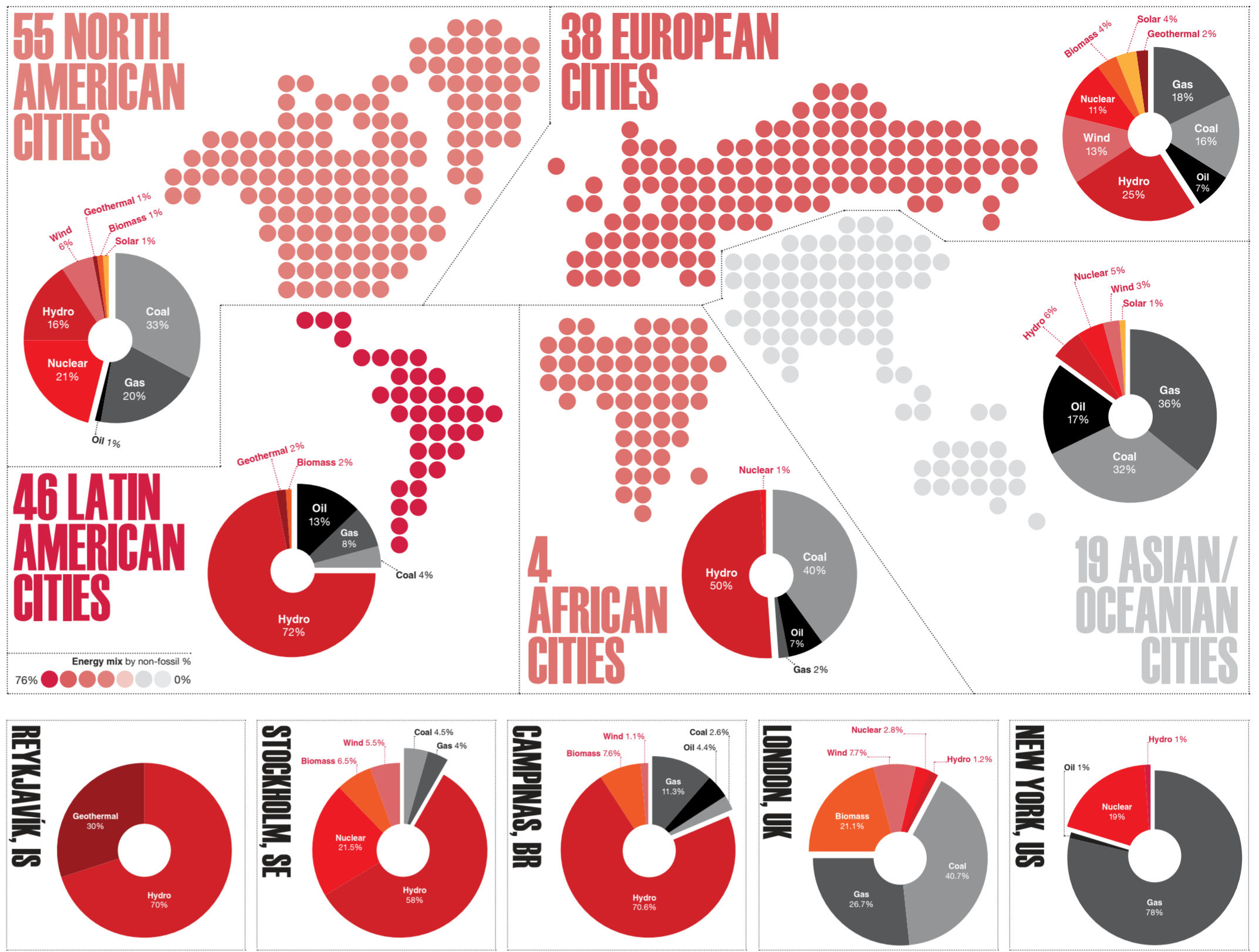
12.6GT CO₂

This number is projected to double by 2040. Our data reveals that cities can directly and indirectly influence this sector - in a big way.

CAN CITIES QUIT FOSSIL FUELS?

162 CITIES REPORTED THEIR ENERGY MIX, revealing a diversity of responses, for cities large and small across all regions.

THE RESULTS ARE DIVERSE. REVEALING MIXES FROM 100% NON-FOSSIL TO 100% CONTINUED RELIANCE ON FOSSIL AND MANY COMBINATIONS THEREOF.



TO PARIS AND BEYOND

Year on year, CDP is supporting more cities in tackling climate change. 2015 CDP data reveals that in many countries, cities are leading the way in making the global switch to renewable energy. Through their commitment to action and innovative identification of projects, cities are showing that the shift to non-fossil energy is within our reach. The challenge now is to match projects to funding, and to ensure a fair distribution between developed and developing cities - an important issue in the run up to COP21 in Paris in December 2015 and beyond.

CAN CITIES QUIT FOSSIL FUELS? YES.

CITIES AIM HIGH.

- These cities have set themselves renewable electricity targets:
- ASPEN **100%**
 - SANTA MONICA **100%**
 - SAN FRANCISCO **100%**
 - STOCKHOLM **100%**
 - VANCOUVER **93%**
 - CANBERRA **90%**
 - AUSTIN **55%**
 - ADELAIDE **50%**
 - LOS ANGELES **33%**
 - SYDNEY **30%**

CITIES TAKE ACTION.

96 CITIES BUILDING CONSENSUS FROM SF TO STOCKHOLM. or 1/3 of cities that reported are taking action to de-carbonize their energy supply.

86% of these cities see an **ECONOMIC OPPORTUNITY** in climate change.

San Francisco has brought together public and private stakeholders to form a task force that highlighted barriers and opportunities for renewable electricity. Following a broad consultation, Stockholm prepared a roadmap outlining the steps the city and other have to take to achieve their 2050 goal.

CITIES PRESENT AN OPPORTUNITY.

Cape Town could reduce CO₂e by 1 million tonnes, equivalent to 300 wind turbines.

JUST A LITTLE CHANGE WILL GO FAR.

43 cities reported that they want private sector support to deliver community renewable projects. CDP data indicates that less than half of these projects are located in the global south.

\$57 TRILLION will be invested in infrastructure through 2030. That means that less than 0.01% of this sum, or just **\$1 OF EVERY \$8K** spent is required to deliver the clean electricity in those cities that report their existing electricity consumption, energy generation mix and a renewable electricity target. At just over \$7 billion in total, this is still a large price tag, but it's certainly within reach.

IN 2015, 308 CITIES reported to the world's definitive study on cities and climate change.

IT'S 6X MORE the number that reported in the survey's first year, 2011.

446,000,000 people live in these cities, accounting for 6% of global population, or...

...the combined population of three G7 nations - America, Britain and France.

1.67 BILLION TONNES REPORTED of emissions (CO₂e) for all reporting cities.

#CDPCities
#COP21

