



CITY-LED CIRCULAR ECONOMY CASE STUDIES

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C40 Cities Climate Leadership Group



Waste matters

80%

of C40 cities have larger consumption-based GHG emissions than sector-based GHG emissions

10.7 tCO₂e

per capita for consumption based GHG emissions per annum

C40
CITIES

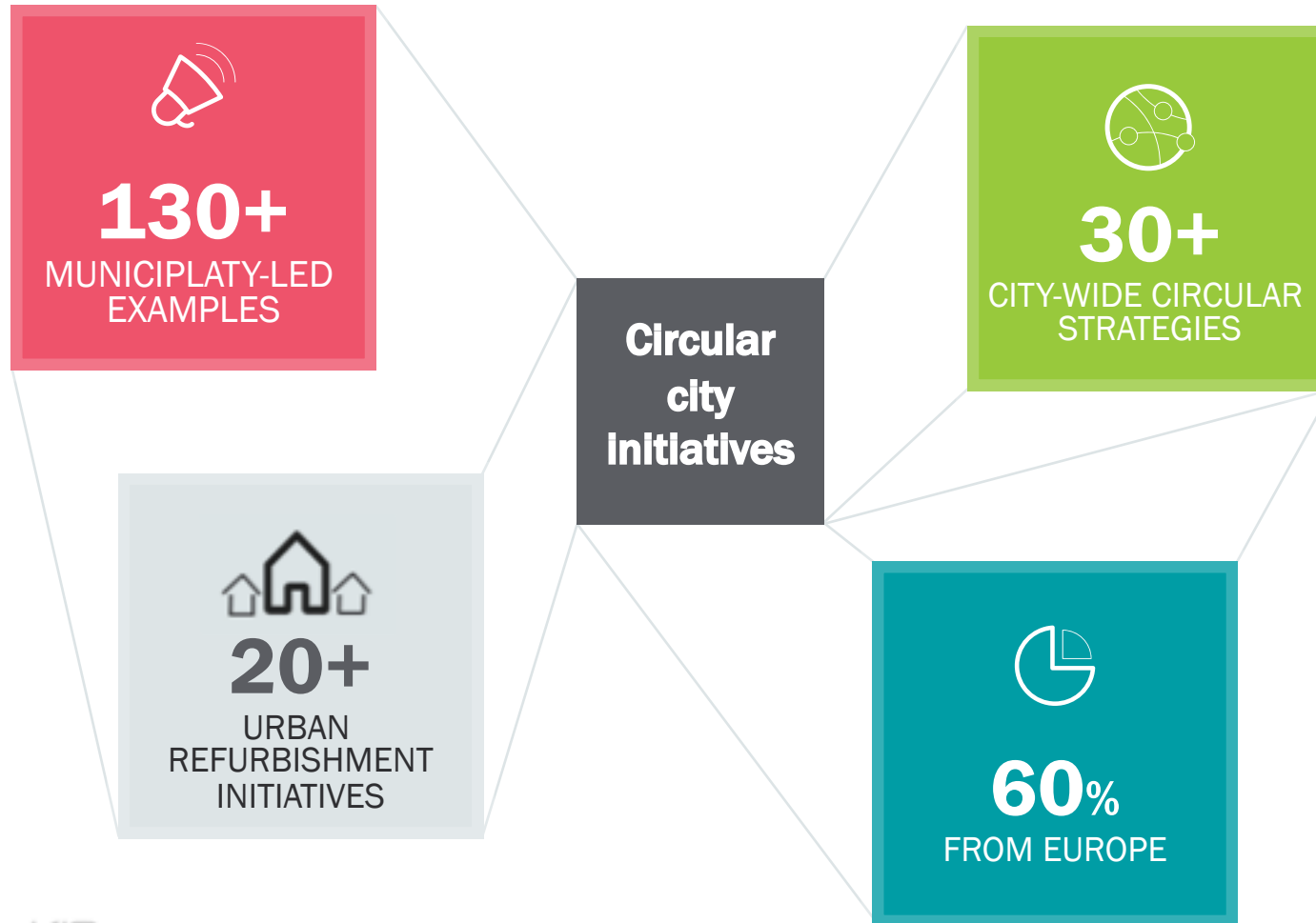


C40
CITIES

CONSUMPTION-BASED GHG EMISSIONS OF C40 CITIES



Accelerating range of city-led, circular initiatives



Many municipal levers

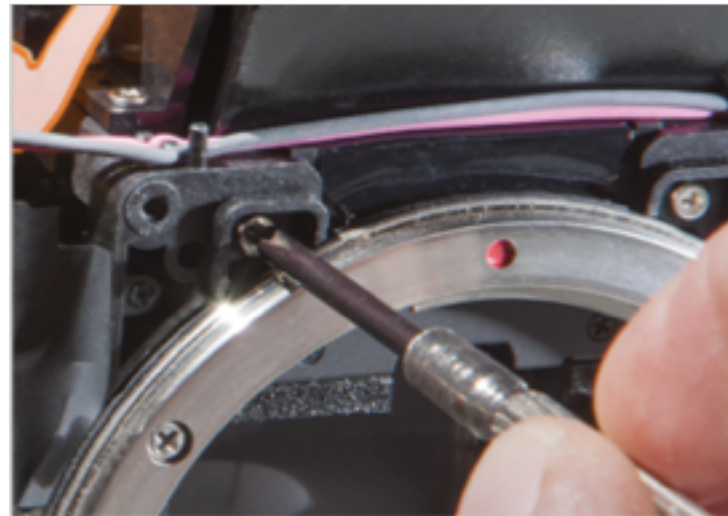


Most common



Mapping material flows

- Amsterdam
- Brussels
- Paris



Civic waste reuse and repair

- Eskilstuna
- New York
- Vienna



Procurement criteria

- Berlin
- Tokyo
- Toronto

Lowest-cost and scalable



Online sharing platforms

- Seoul
- Houston
- Austin



Business support

- Cape Town
- Phoenix
- Glasgow



Circular buildings

- Amsterdam
- Sydney
- Vienna

Most innovative



Organic matter processing

- Stockholm
- Ljubljana
- Lille



Hackathons

- Tel Aviv
- Helsinki
- Kristiansand



Circular utilities

- Arras
- Maribor
- Samsø

Key findings

NEW APPROACH

Cross-departmental

City facilitating innovation ecosystem

Huge range of levers and practical examples

Comprehensive measures of success

BENEFITS

Economic development/job creation/cost savings

Resilience across political cycles/momentum

NEXT STEPS

Opportunities in every city

C4O
CITIES



The report

www.c40.org/research

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Municipality-led circular economy case studies

In partnership with the Climate-KIC Circular Cities Project



The report

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Next steps...

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