

**GLOBAL METHANE FORUM
TORONTO, CANADA**

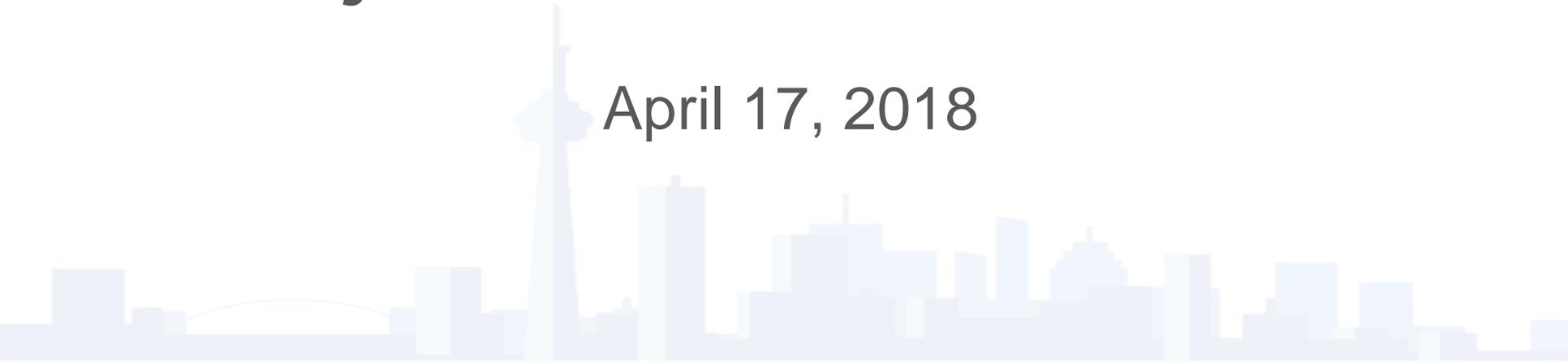


**CLIMATE &
CLEAN AIR
COALITION**
TO REDUCE SHORT-LIVED
CLIMATE POLLUTANTS



Financing SLCP Mitigation Projects in the Waste Sector

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FINANCING SUSTAINABLE WASTE SYSTEMS

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2018 Global Methane Forum
Toronto, Canada





The infrastructure investments required over the next 15 years are higher than the current global stock today



There is an abundance of financing available for infrastructure development



Investing in sustainable infrastructure is key to tackling the three central challenges facing the global community



The challenge is urgent: the investment choices we make over the next 2-3 years will start to lock in for decades to come



The global South will account for roughly two-thirds of global infrastructure investment



Historic opportunity to transform how we build our cities, transport people and goods, and manage our resources

“Infrastructure underpins core economic activity and is an essential foundation for achieving inclusive sustainable growth.

It is indispensable for development and poverty elimination, as it enhances access to basic services, education and work opportunities, and can boost human capital and quality of life. “

–NCE Report, 2016

Why more action on waste systems is needed?



Waste generation is the **fastest growing environmental pollutant**, including CO₂

ISWA: Global Waste Management Outlook



We will deplete the known reserves of many resources **before the end of this century**.

UN TEEB, US Geological Survey, BP, Worn et al, 2004



For every kg of waste that we discard, **70 kg are created upstream**.

The Next Efficiency Revolution: Creating a Sustainable Materials Economy



Solid Waste actions have been **historically underrepresented** in emissions inventories



25% of the current global warming has been caused by methane.

Methane Matters: Scientists Work to Quantify the Effects of a Potent Greenhouse Gas. NASA Earth Observatory, 2016.

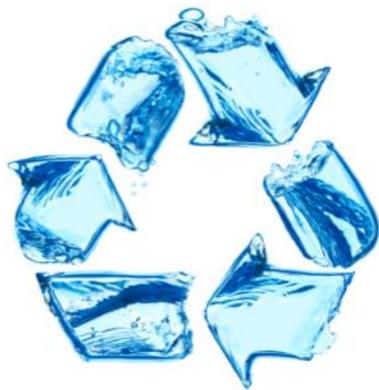


Sustainable materials management can reduce the emissions gap to achieve the Paris targets in half.

ECOFYS: Implementing Circular Economy makes Paris targets achievable

Strategic Principles

- 1 Implement a resource management approach to waste management



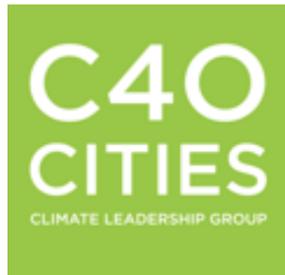
- 2 Reduce residual waste generation by increasing actions at the top of the hierarchy



- 3 Reduce and avoid methane emissions and waste leakage



C40 + CCAC Collaborations



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- **2017 Global Workshop for City Leadership**
- **Regional Network for African Cities 2018 - 2019**
- **Finance Programme for Municipal Solid Waste Infrastructure Development 2018-2020**





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Global
Methane Initiative

Thank you!

RICARDO CEPEDA-MÁRQUEZ

TECHNICAL LEAD – FOOD, WATER AND WASTE PROGRAMME

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