

# Cambi ASA

Paretokonferansen 2024

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**In 2050, world population will reach**

**~ 10**

**billion people**

**Over 50% of the world's population lives in urban areas today**

**70%**

**share of the world population to live in urban areas by 2050**



**Half of the world's wastewater is released  
untreated back into the environment**

**50%**

**of wastewater is not treated**

# Wastewater treatment is a *unique* circular opportunity

If treated, wastewater can:



Provide alternative energy to half a billion people



Supply more than 10 times the current global desalination capacity



Offset over 10% of global fertilizer use

# We do this through our Thermal Hydrolysis Process

Cambi's Thermal Hydrolysis Process (THP) converts  
wastewater sludge into valuable bioresources







# Cambi THP offers a highly attractive value proposition

## Cambi THP for sludge treatment

## Economic impact

## Environmental impact





# Cambi THP significantly reduces the volume of biosolids, and the high-quality product is safe for further handling



Biosolids **without** thermal hydrolysis treatment

- x Limited sterilization
- x Smelly
- x Hard to de-water

Biosolids **with** thermal hydrolysis treatment

- ✓ Up to 50% reduced volume
- ✓ Guaranteed pathogen kill
- ✓ Odor-free
- ✓ Easy de-watering





Example:

# Our customer DC Water has turned their THP biosolids into a garden soil product sold in the consumer market



Safe to handle and with earthy odor

Higher quality biosolids can reduce cost per tonne. Here, sold as garden soil





Example:

# THP avoids costly investments in more digesters, beneficial for space-constrained wastewater plants



Manchester, UK – Davyhulme WWTP



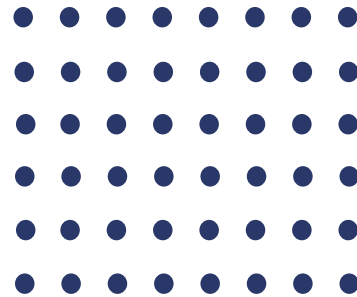
Example:

# The city of Beijing significantly reduced its carbon footprint through installation of Cambi THP technology

## Emissions related to sludge management in Beijing, China

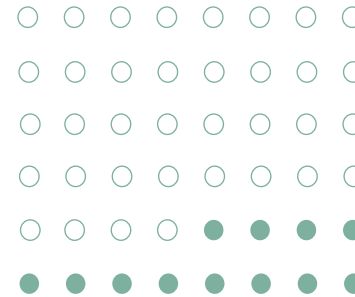


**Baseline**  
Landfill



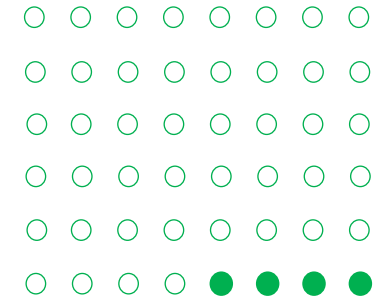
High CO<sup>2</sup> and methane emissions

**Alternative**  
Incineration



**1.8 million**  
tonnes CO<sup>2</sup> equivalent  
reduction

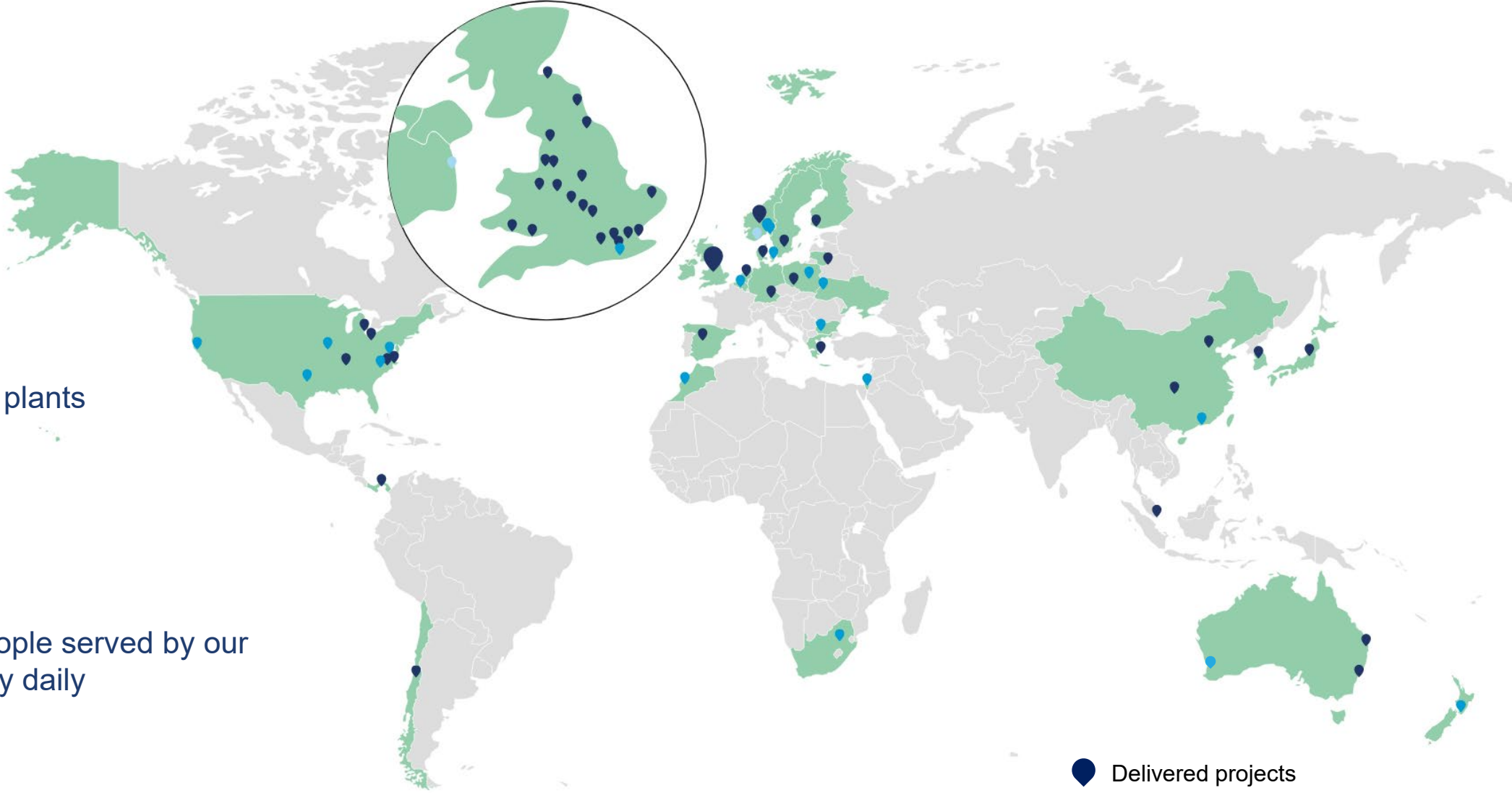
**Solution**  
Cambi THP with biosolids  
recycled to land



**2.2 million**  
tonnes CO<sup>2</sup> equivalent  
reduction

# Global presence and a solid track record of delivered installations

- 88 reference plants
- 27 countries
- 118 million people served by our technology daily

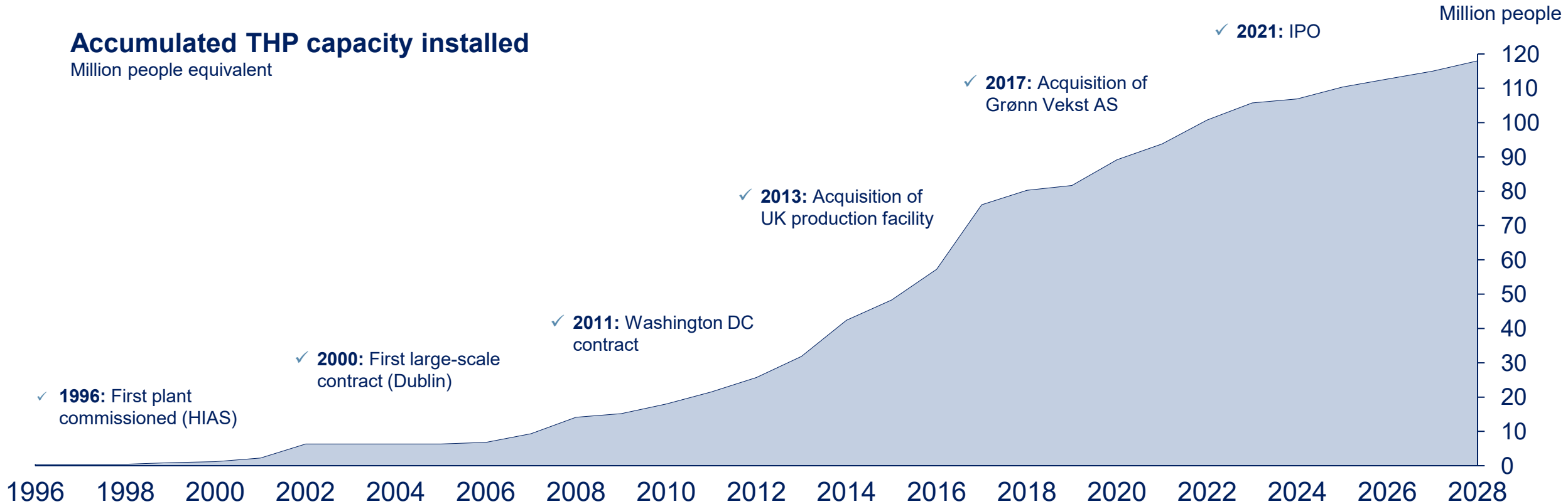


● Delivered projects  
● Project under execution

# Based on more than three decades of experience, 118 million people are served by our technology every day

## Accumulated THP capacity installed

Million people equivalent



Product development

International expansion

Sustainable growth



# Cambi is a trusted partner for leading water utilities worldwide



San Francisco, USA



Brussel, Belgium



Oslo, Norway



Beijing, China



Washington DC, USA



Dublin, Ireland



London, UK



Seoul, South Korea



Kansas City, USA



Athens, Greece



Birmingham, UK



Hong Kong, China



Dallas, USA



Panama City, Panama



Edinburgh, UK



Singapore



Santiago, Chile



Johannesburg, South Africa



VEAS, Norway



Sydney, Australia





**Thank you**