

An aerial, black and white photograph of the New York City skyline, showing a dense cluster of skyscrapers and buildings along the coast, with the Hudson River and East River visible. The image is used as a background for the award announcement.

3RD GLOBAL
DISTRICT
ENERGY
CLIMATE
AWARDS

September 23 , 2013 | New York City

Award of Excellence:

Municipal scheme serving
more than 10,000 citizens –
Modernization

FALUN

SWEDEN

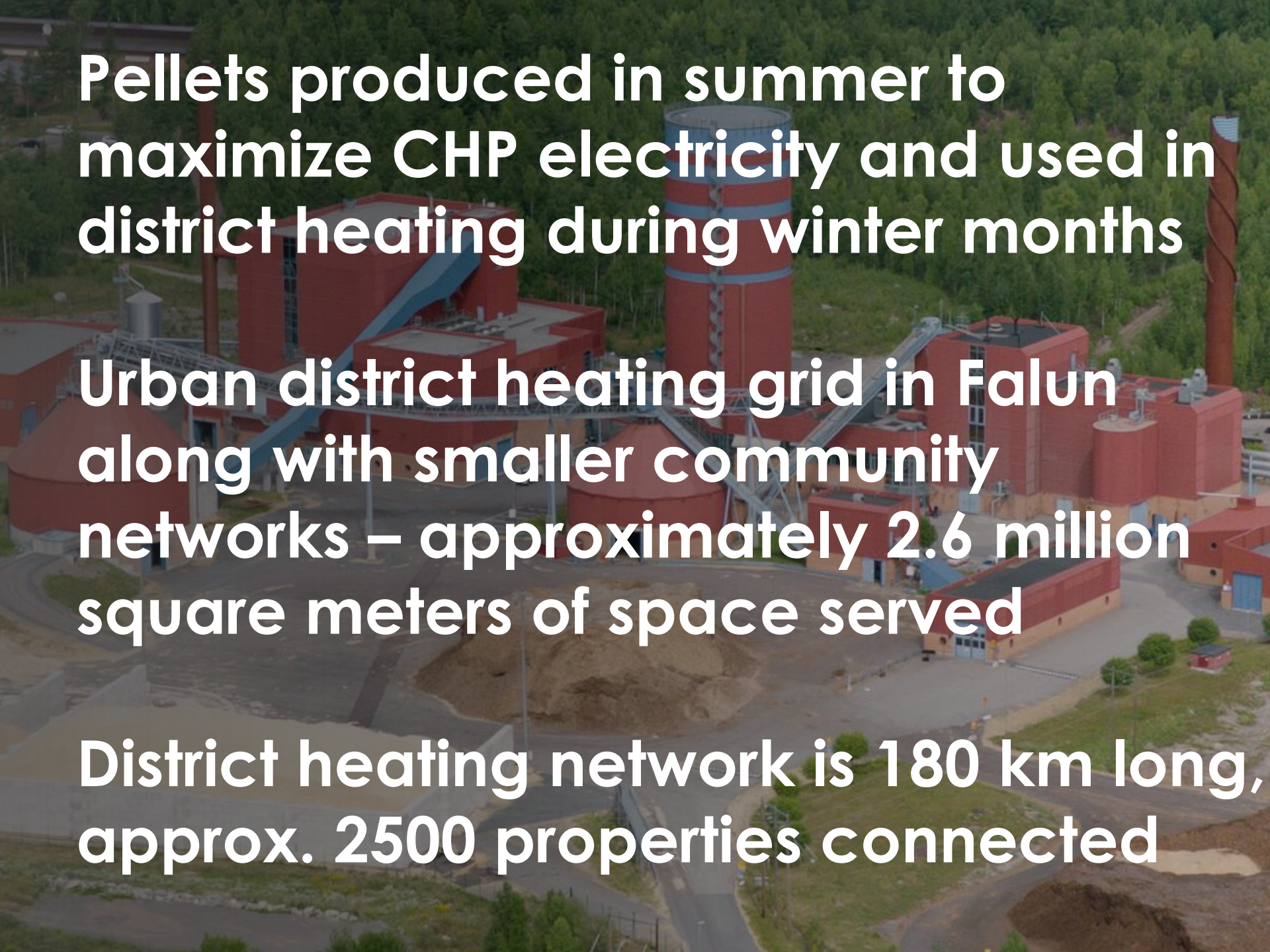




Västermalmsverket is a community-owned and operated bio-energy plant that supports the local economy

99% biofuel (wood residual); 1% landfill & liquefied gas

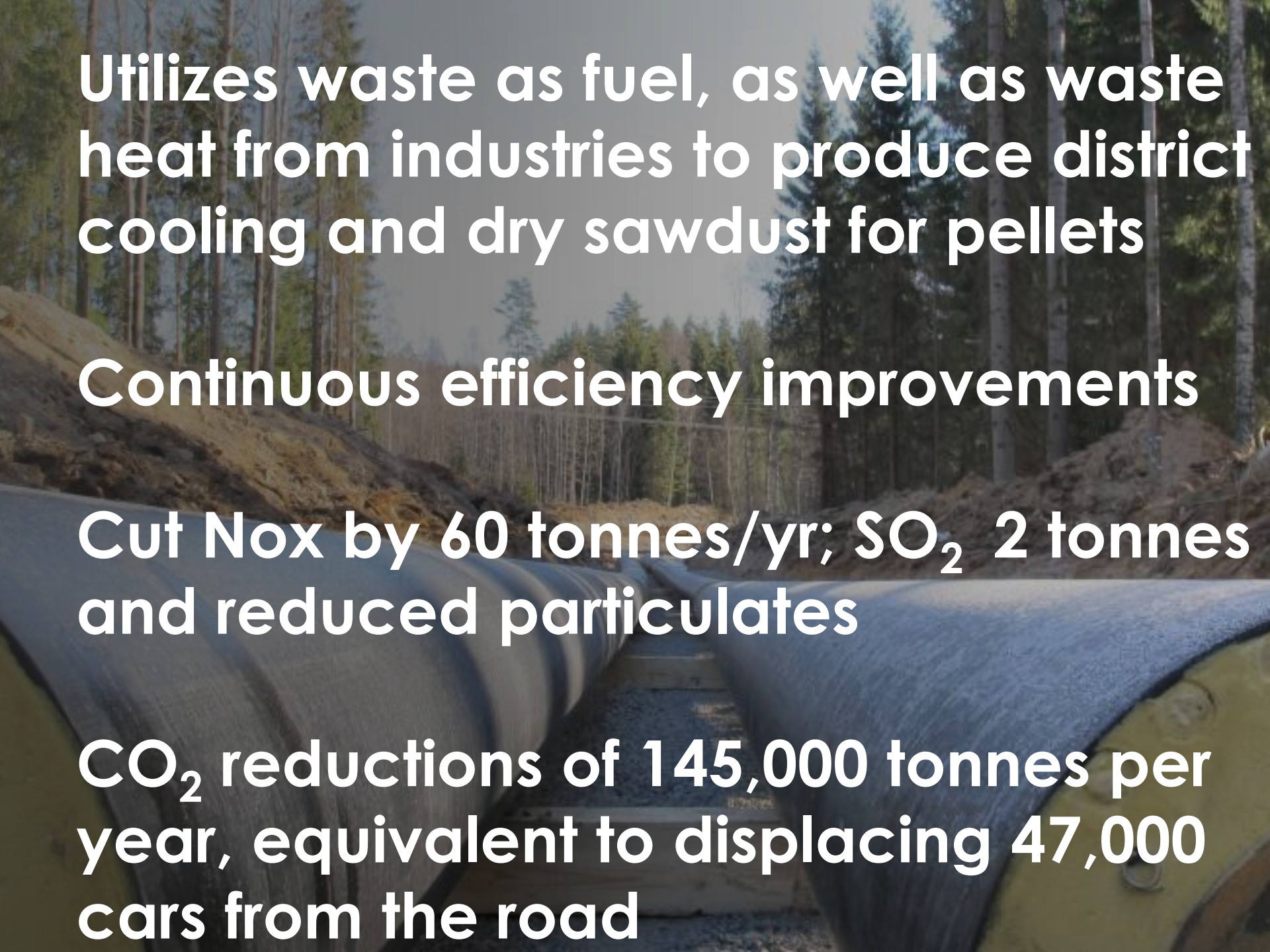
Simultaneous production of heat, cooling, electricity and wood pellets.



Pellets produced in summer to maximize CHP electricity and used in district heating during winter months

Urban district heating grid in Falun along with smaller community networks – approximately 2.6 million square meters of space served

District heating network is 180 km long, approx. 2500 properties connected

A photograph of a forest with a path leading through it, overlaid with white text. The path is made of gravel and is flanked by large mounds of material covered in blue tarps. The background shows a dense forest of tall, thin trees under a clear sky.

Utilizes waste as fuel, as well as waste heat from industries to produce district cooling and dry sawdust for pellets

Continuous efficiency improvements

Cut Nox by 60 tonnes/yr; SO₂ 2 tonnes and reduced particulates

CO₂ reductions of 145,000 tonnes per year, equivalent to displacing 47,000 cars from the road

3RD GLOBAL
DISTRICT
ENERGY
CLIMATE
AWARDS

AWARD OF EXCELLENCE

Municipal Scheme Serving More Than 10,000 Citizens: Modernization

Västermalmsverket, Falun, Sweden 

September 23, 2013 | New York City, NY

FALUN



Falu
Energi
& Vatten



This is to certify that **Västermalmsverket, Falun, Sweden** has been officially recognized by a team of international experts chaired by the International Energy Agency (IEA) Technology Network, for its outstanding achievement in demonstrating local District Energy leadership in providing clean, sustainable energy solutions to protect against the risk of climate change.



Robert P. Thornton

Robert Thornton
President & CEO, IDEA



Robin Wiltshire

Robin Wiltshire, Technical Director, BRE
Chair, IEA Implementing Agreement
on District Heating & Cooling



Frederic Hug

Frederic Hug
President, Euroheat & Power