



Unique partnering model to optimize local resources; allow 20 yr investment

Economies of scale to generate highly reliable energy from waste/biomass

Invested \$15 million in WtE pipeline to deliver industrial process steam (salt production) and to community DH

Unique business model & cooperation

Heat supply results in lower emissions for customers; lower fuel costs; business stability for major employer

Allows community DH to avoid capital renewal and greater CHP operational flexibility

Reduces heat rejection to local rivers

Reduced CO₂ and Nox emissions

Displaced 120 million cubic meters of natural gas consumption

Reduces dependency on fuel imports, which strengthens the local economy

Further expansion to nearby DH networks being planned

Carbon reductions of 220,000 tonnes equivalent to removing 45,000 cars

3RD GLOBAL NERGY LIMATE

DISTRICT AWARD OF EXCELLENCE

Municipal Scheme Serving More Than 10,000 Citizens: Modernization

Twence: A Supplier of Sustainable Energy

September 23, 2013 | New York City, NY







Gemeente X Enschede





Object P. Shorth Robert Thornton President & CEO, IDEA



This is to certify that Twence: A Supplier of Sustainable Energy 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.



RTWIND

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



Frederic Hug President, Euroheat & Power