

Business Overview

ESTABLISHED: 2016

(City Windmill Ltd: 2010) City Windmills Ltd, a 100% subsidiary, was listed on the First Quotation Board of Xetra (Frankfurt Stock Exchange) in 2011. The First Quotation Board was closed in December 2012

LOCATION: London, UK

LISTING: Euronext or NASDAQ North market segment listing pending, previously listed on GXG Markets, closed in August 2015

TYPE OF COMPANY: For profit

NUMBER OF EMPLOYEES: 11 - 50

ISSUED SHARE CAPITAL:

1,733,207 (Ordinary Shares of £1 each)

BUSINESS AREA:

Renewable Energy: Manufacturer and installer of vertical axis micro wind-turbines

COMPANY WEBSITE:

www.citywindmills.com

BUSINESS OVERVIEW

City Windmills is a UK registered small wind turbine manufacturer and installer with operations in the US, UK and Switzerland. The company currently produces generators for residential, commercial and industrial use. In contrast to the standard horizontal axis configuration that most are familiar with, the innovative and silent City Windmills generator is constructed around a vertical axis turbine. In addition to supplying wind turbine generators, the company has developed and is testing wind lighting products. named WindLighting™.

City Windmills's objective is to become a world leader in small wind turbines for commercial buildings and households. The company believes that the economics of wind energy will encourage home and business owners to embrace small wind turbine technology, just as they have adopted solar power. City Windmills has design protection in North America, the European Union and Switzerland, and is investigating design protection in Asia ahead of a Japan / Asia joint venture.

WindLighting™ is trademarked.

SOCIAL MISSION

Carbon dioxide (CO₂) is the most significant contributor to global climate change. Energy production, including electricity generation, is a key source of global CO₂ emissions, accounting for 41% of global CO₂ emissions in 2010 (Foster and Bedroysan, 2014).

The Intergovernmental Panel on Climate Change (IPCC) reports that if climate change is left unchecked it will result in severe, pervasive and irreversible impacts on society and the environment (IPCC, 2014). This includes, but is not limited to, increased frequency of severe weather events, sea level rise, and changes to temperature and precipitation patterns with far reaching implications for agriculture, patterns of disease and biodiversity (ibid).

City Windmills' primary social and environmental objectives are to:

Reduce greenhouse gas and air pollution emissions by displacing fossil fuel electricity generation

Expand access and improve security of supply of electricity by reducing dependence on centralised grid energy generation

Support development of the renewable energy sector whilst minimising adverse impacts on biodiversity and the natural landscape.

WHO BENEFITS?

HOMEOWNERS / INDUSTRIAL

PROPERTY OWNERS: Increased energy security and resilience in periods of electricity grid service interruption.

RURAL COMMUNITIES: Provision of scalable wind power solutions to meet the requirements of rural customers. Reduced electricity costs relative to grid or other renewable energy technologies in certain conditions.

GOVERNMENTS: Contributions to achieving national greenhouse gas abatement and renewable energy capacity development commitments.

ENVIRONMENT: Helping to reduce the greenhouse gas intensity of electricity supply for residential and industrial customers.

CUSTOMERS IN DEVELOPING

COUNTRIES: Customers in Developing Countries: Access to secure and high quality household illumination.

Commercial and Financial Summary

FINANCIAL INFORMATION

Year end (£)	Dec-2013 (unaudited)	Dec-2014	Dec-2015
Group turnover	-	20,707	9,989
Operating profit / (loss) before tax	(510,607)	(1,732,144)	(1,948,207)
Current Assets	51,332	117,175	13,735
Shareholders' Funds	3,764,222	2,262,350	914,930
Cash Balances	3,664	89,006	222

BUSINESS HIGHLIGHTS

Production start-up in Q1 2017

Member, Social Stock Exchange, London

Experienced Management, Professional Design Team

Global market for small wind turbines is large and continuing to grow

Renewable Energy highlighted at COP21, and Davos summit meetings

Potential for long-term capital growth in the event that the company meets production and commercial targets

UK SIPP & ISA eligible, stamp transfer duty exempt

EIS eligible for UK investors

Impact Assessment Matrix

ECONOMIC IMPACT

	MEASUREMENT	REPORTED OUTCOME
Energy Security	Reduced electricity outages	To be reported
	Expand access and improve security of supply of electricity by reducing dependence on centralised grid energy generation	To be reported
Financial Inclusion	Reduced electricity prices	To be reported

SOCIAL IMPACT

	MEASUREMENT	REPORTED OUTCOME
Health	Reduced exposure to toxic particulate matter air pollution and less accidental burn by displacing the use of solid and liquid fueled lighting in developing countries	To be reported

ENVIRONMENTAL IMPACT

	MEASUREMENT	REPORTED OUTCOME
Reduction of GHG emissions	GHG emissions saved by customers / consumption	To be reported

GOVERNANCE

	MEASUREMENT	REPORTED OUTCOME
Employees	Cultivation of a supportive environment for all staff	To be reported

² The financial savings use a simple average of the cost of water in the UK. The cost range is £2.10 to £5.42 with an average of £3.07/m³