

Wind Harvest

980 9th St. Fl. 16
Sacramento, CA 95814
www.windharvest.com

MANAGEMENT TEAM

Kevin Wolf, President
Cornelius Fitzgerald, Director of Finance
and Strategy

INDUSTRY

Wind energy

CURRENT INVESTORS

130 Individuals

FUNDING TO DATE

Total previously invested--
\$10+ million

FINANCING SOUGHT

\$3,000,000

USE OF PROCEEDS

Complete technology commercialization
and develop projects

BANK

JP Morgan Chase, New York

LAW FIRM

KL Gates, Palo Alto, CA

ACCOUNTING FIRM

Little Fish Accounting, Washington D.C.
Outside Financial Review: 2018-2019

Kevin Wolf
530-758-4211
kwolf@windharvest.com

COMPANY DESCRIPTION

Wind Harvest makes and sells a unique
wind turbine for a large untapped
renewable resource.

Our engineers design, oversee the
manufacturing of, and fully support this
near-ground technology.

Our scientists test how *Wind Harvesters*
can increase the energy output of tall
turbines, and be safe for wildlife.

We find and support licensees that help
sell our products and develop projects.

We develop, finance and own projects
that buy our turbines.

Our CEO has a passion to bring near-
ground wind turbines to the world and
has the determination to see it done.

Our Director of Finance and Strategy is
also a cofounder of Clean Energy Holdings
which is advancing large projects that
would buy *Wind Harvesters*.

Our senior engineer has 40 years of
experience in the wind industry. Our v3.1
lead engineer has everything lined up to
complete Technology Readiness Level 7
(pilot project) in Denmark in early 2021.

The Company has developed over the past
16 years a breakthrough wind turbine that
can operate well in highly turbulent and
energetic near-ground wind conditions.

The *Wind Harvester's* 40-year life
expectancy and lower maintenance cost
can result in lower cost energy than from
large, tall turbines.

In addition to the markup made on each
sale, Wind Harvest makes long-term
revenue from extended warranties and
O&M packages, sale of energy from
projects it owns, licensing of patents and
regional sales, and more.

TARGET MARKETS

The best way to enter a market is when
there isn't any competition and customers
will realize significant profits by
purchasing the new technology.

Wind projects with good to excellent wind
resources and/or high priced Power
Purchase Agreements are the low hanging
fruit that Wind Harvest has been
developing. Each project we expect to sell
turbines to in 2021-22 can open up 10- to
100X additional sales in that market niche
or region.

For example, the four turbine RD&D
project expected to be installed at the
Simpson Ridge Wind Farm in Wyoming in
2021 would precede a 375-turbine sale to
the project in 2023. The understories of
wind farms are an estimated \$250 billion
market that should double by 2030.

The 16-turbine wind-solar-storage project
we are developing near the famous
Solano Wind Resource Area in California
would precede a 60-80 turbine pilot
project in one of the nearby wind farms in
2023. That could precede 15,000 turbines
in the next decade in that one part of the
state.

Our project in Barbados with a leading
farm family term would provide on-site
energy and be eligible for a \$0.19/kWh
Feed In Tariff PPA. This project and some
others would develop the environmental,
cultural and economic information
needed for the cumulative impact analysis
for a 100 MW *Wind Harvester*-
desalination project in 2024.

The Mountain High Project would help
open up telecommunication towers on
wind mountain tops to make use of wind
energy to power their batteries and
provide excess energy down their existing
transmission line. This is a multi-billion
niche market.

COMPETITION

Our primary competition is not yet here. Few companies are working in this space and none that we know of have brought a full-scale commercial turbine designed for the turbulent wind conditions in the near-ground market. Our competition is expected to come from the major existing large propeller-type turbine manufacturers such as Vestas and GE. They will want a slice of this new, 200,000+ MW market

Wind Harvest's strategic advantages are:

1. Its full-scale prototype provided data that validated the company's proprietary aeroelastic models.

2. The patents it will file with its v3.2 turbine will make it difficult for competitors to build rugged, low cost H-type turbines like *Wind Harvesters* without licensing those patents from Wind Harvest.

3. It has projects in development that will buy its turbines. the company's project pipeline could exceed \$100 million in sales in 2023. Competitors will need to secure permits and PPAs before they can build pilot projects.

4. Because all of Wind Harvester components are relatively simple and can be made by numerous suppliers in many countries, Wind Harvest won't need to invest in manufacturing facilities and can use supplier competition to keep prices low.

5. Competitors will need to go through the same prototype development steps and computer model validation. This is a multi-year process.

MILESTONES

- Version 1.0 – 2013-14, Finland
- Version 2.0 - 2013-14, Finland
- Version 3.0 - 2015-16, Denmark
- Aeroelastic model validation - 2016
- Version 3.1 design completed - 2019
- Version 3.2 design conceptualized - 2019
- New patents - 2020-21

Wind Harvester v3.0 - Nordic Folkecenter, DK



P&L - Income Statement (in \$M)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
	2020	2021	2022	2023	2024	2025	2026
# Units Sold (70kW equivalent)	0	25	186	1,019	5,514	15,829	43,743
MWs Sold	0	2	13	71	386	1,108	3,062
Revenue (in \$M)	0.0	5.5	35	163	878	2,242	6,197
Manufacturing CoGS	0.0	(4.1)	(27.2)	(133)	(717)	(1,899)	(5,249)
Gross Margin	0.0	1.4	7.8	30	161	343	948
Profit on Service contracts	0	0.0	0.1	0.5	2.7	7	19
License Income to Wind Harvest	0.0	1.1	6.2	23.6	129	274	758
Revenue from WH Owned Projects	0.0	0.2	1.3	5.5	12.4	16	16
Sales, Gen & Admin Costs	(2.0)	(4.9)	(5.9)	(8.8)	(14.0)	(19.4)	(32.2)
EBITDA	(2.0)	(3.6)	1.7	20.9	130.1	278	761
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EBIT	(2.0)	(3.6)	1.7	20.9	130	278	761
Payments on loans from WHPP	(0.18)	(0.28)	(0.28)	(0.28)	(0.28)	(0.28)	(3.28)
Income before Taxes	(2.1)	(3.9)	1.5	20.6	129.8	277.6	758
Taxes (loss carried ends yr 4)				(5)	(32)	(69)	(190)
Net Income	(2.1)	(3.9)	1.5	15.5	97.4	208.2	569
<i>Retained Earnings</i>	<i>(2.1)</i>	<i>(6.1)</i>	<i>(4.6)</i>	<i>10.9</i>	<i>108.2</i>	<i>316.4</i>	<i>885</i>