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Pitch Deck

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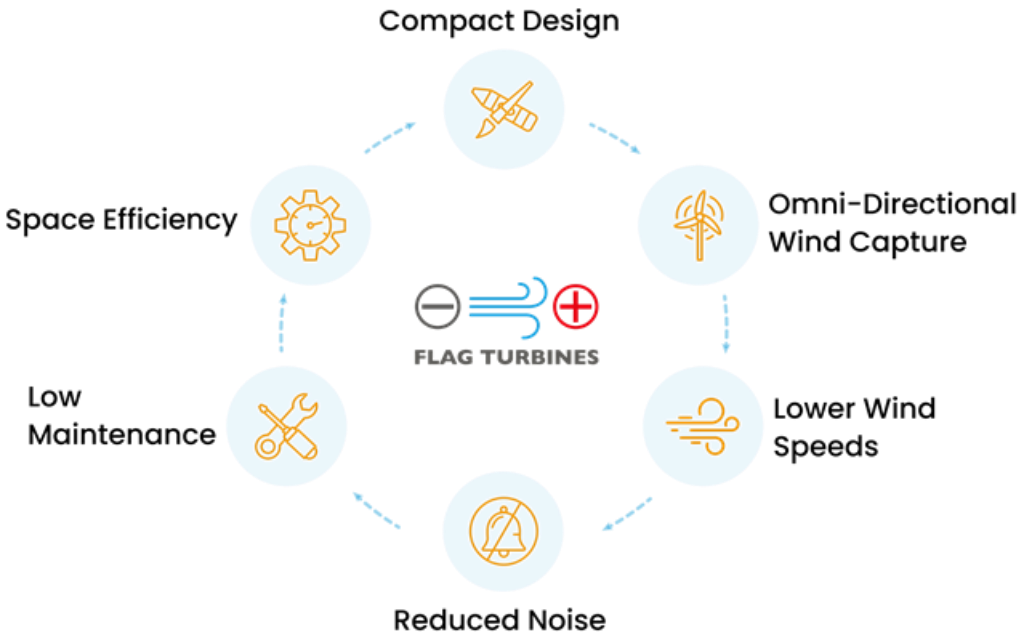
What is Flag Turbines about



Flag Turbines Designs, Improves, Build and maintains unique Vertical-axis wind turbines (VAWT). We innovate using a cutting-edge approach to harnessing wind energy.

As the world shifts towards renewable energy sources, our wind turbines are gaining attention for their unique design, potential for efficiency, and suitability in diverse environments.

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Use Cases

Urban and Built Environments

Microgrids and Distributed Energy Systems

Defense: Off-Grid Applications

Supplementing Solar Power

Reducing generator dependency

Corporations: Building a Sustainable Business

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Industry problem of energy generation in the context of wind turbines

Wind matters a lot

- Variability of Wind
- Efficiency at low Windspeeds

The nature of the design

- Energy Density
- High pre-investment capital

People and politics

- Social impact
- Site Selection

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Market size and trend

"Vertical axis Wind Turbines VAWTs Market size was valued at USD 15.07 Billion in 2023 and is expected to reach ***USD 20.25 Billion by the end of 2030*** *with* ***a CAGR of 4.3%*** *During the Forecast Period 2024-2030."*

VERIFIED MARKET REPORTS

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What problems are we solving

Corporations and organizations are increasingly pursuing aggressive sustainability agendas, driven by a combination of regulatory pressures, consumer demand, and a growing recognition of the long-term financial benefits of environmental stewardship.

As these organizations strive to reduce their carbon footprints and transition to renewable energy, Vertical-Axis Wind Turbines (VAWTs) are poised to play a crucial role in this transformation.

There is currently a high barrier to entry, high capital costs, and ‘too large’ applications that do not fit well within corporate environments.

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The Strategic Advantage of Flagturbines in Corporate Sustainability

Lower Costs and Easier Implementation

- Low Barrier to Entry: Flagturbines Products generally have lower upfront costs compared to traditional Horizontal-Axis Wind Turbines (HAWTs).
- Scalability and Flexibility: Flagturbines Products can be deployed on a smaller scale, making them ideal for companies that want to start with pilot projects or that have limited space available.

1

Pragmatic Use Cases for Corporate Settings

- Urban and On-Site Applications: Unlike traditional wind turbines, which are often confined to rural or offshore locations, Flagturbines Products can be installed closer to where energy is consumed.
- Enhanced Public Relations and Brand Image: By visibly incorporating Flagturbines Products into their facilities, companies can demonstrate their commitment to sustainability.

2

Contribution to Sustainability Goals

- Carbon Footprint Reduction: Flagturbines Products can significantly reduce a company's reliance on fossil fuels by generating clean, renewable energy on-site.
- Support for 100% Renewable Energy Commitments: For companies that have committed to sourcing 100% of their energy from renewables, Flagturbines Products offer a reliable and scalable solution.

3

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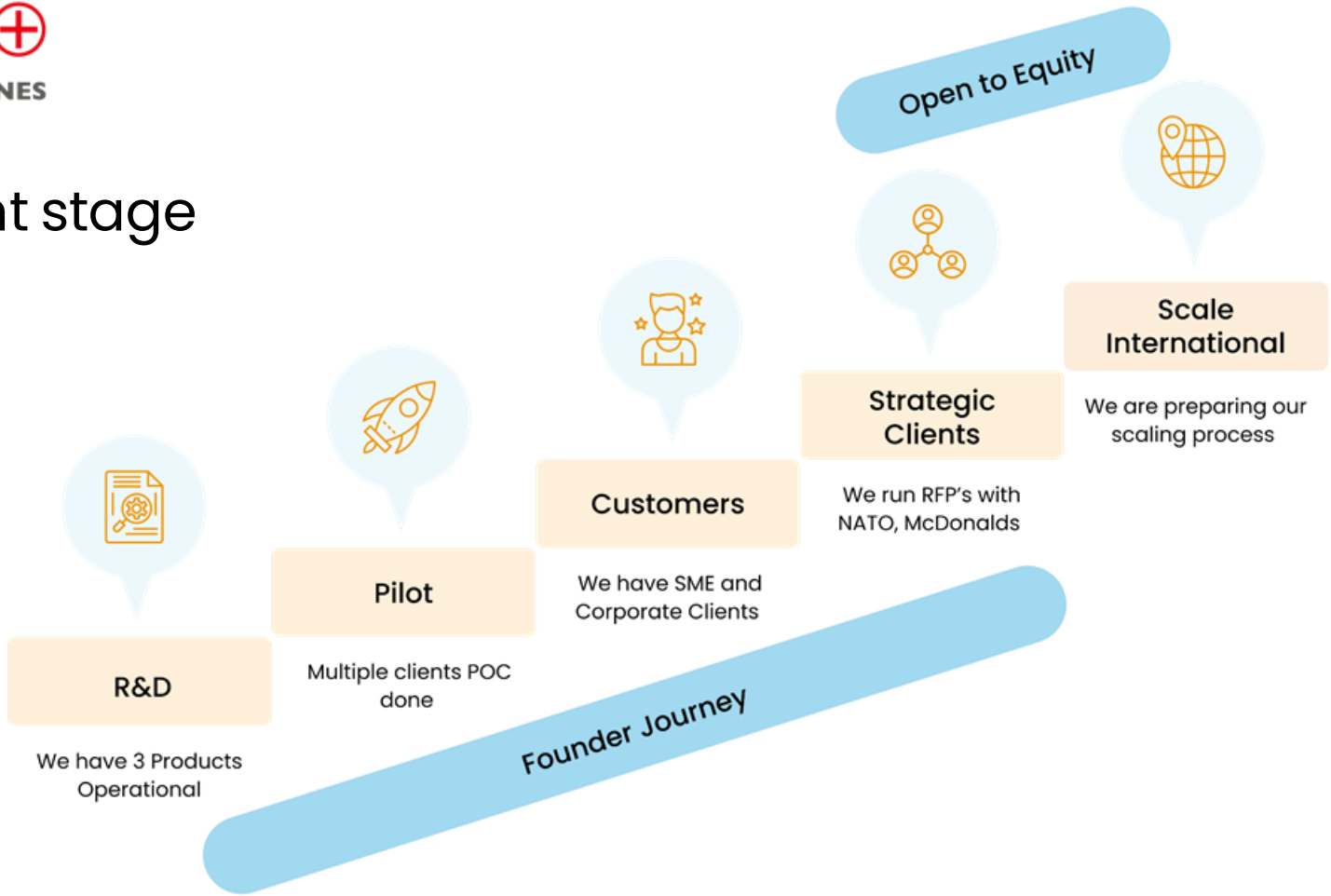
Current stage



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Samples of tractions

Paul Kokke

Advisor to Berko Kompressoren, advanced medical compressors

An innovative solution, which offers good visibility to the commitment for a green future and which is a must to larger energy resilience.

Charlotte van Sluijs

Director Agricultural test centre "De Rusthoeve", Agricultural association ZLTO

A good solution to pump fresh rainwater into bassins, without the need for diesel generator or grid connection.

Amber Walker

Jury-member NATO DIANA, Defense Technology Executive

Easy and quick to set up, requiring little logistics.

Ben Garvey

Founder and CEO Enginuity

A complete solution, not just aerodynamics, but also a matching generator and robust and easy to install base.

Prof. Feargal Brennan

Director Offshore Engineering Institute, Strathclyde University

A complete solution, not just aerodynamics, but also a matching generator and robust and easy to install base.

Piet van der Slikke

Treasurer Energy cooperation TholenSolar

A good addition to solar power. With flag turbines we can generate more power during winter and autumn, which has higher tarif compensation.

Bas jan Spuijbroek

Managing Director Stichting Strandexploitatie Veere, beach exploitation Zeeland

A good solution to power our beach facilities during winter and night.

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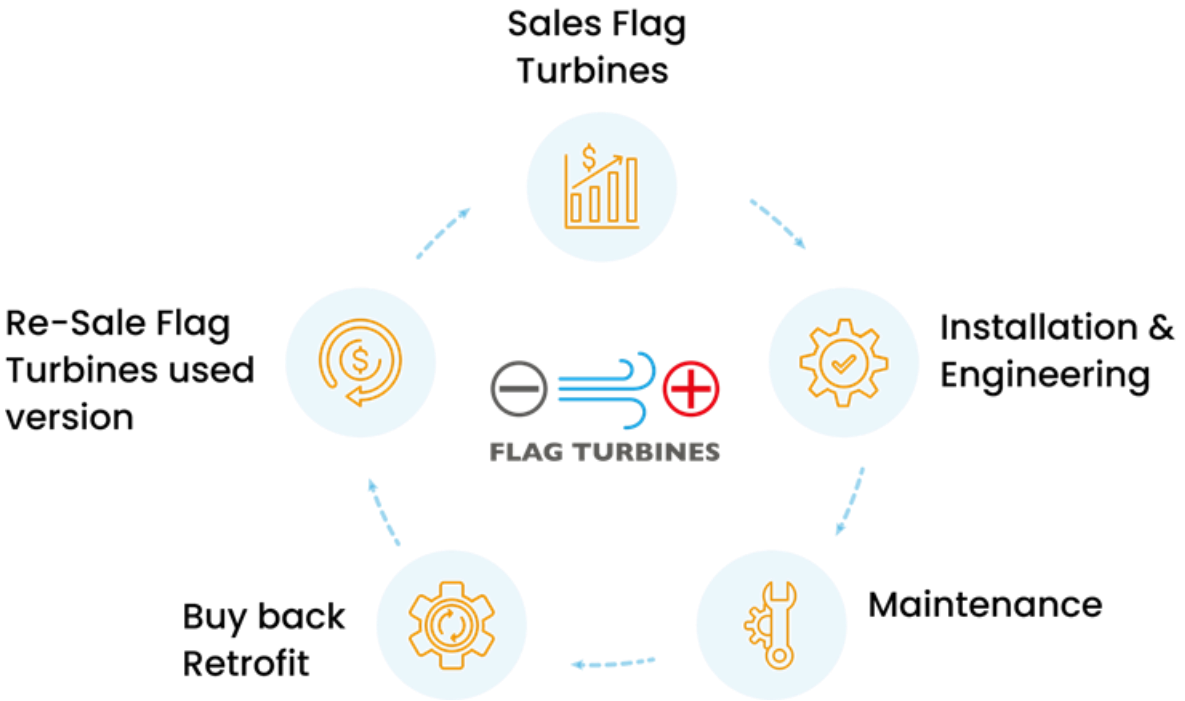
Revenue model

- License Model
- Tech and Sales Licenses
- Production Licensing



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Go to market plan

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Competition

Darrieus Based innovation

quietrevolution

Turby.nl

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Full Savonius Design only

Savonius Based innovation

windside

ROPATEC vertical energy

ROPATEC vertical energy

VertAx Wind Ltd

Full Darrieus Design only

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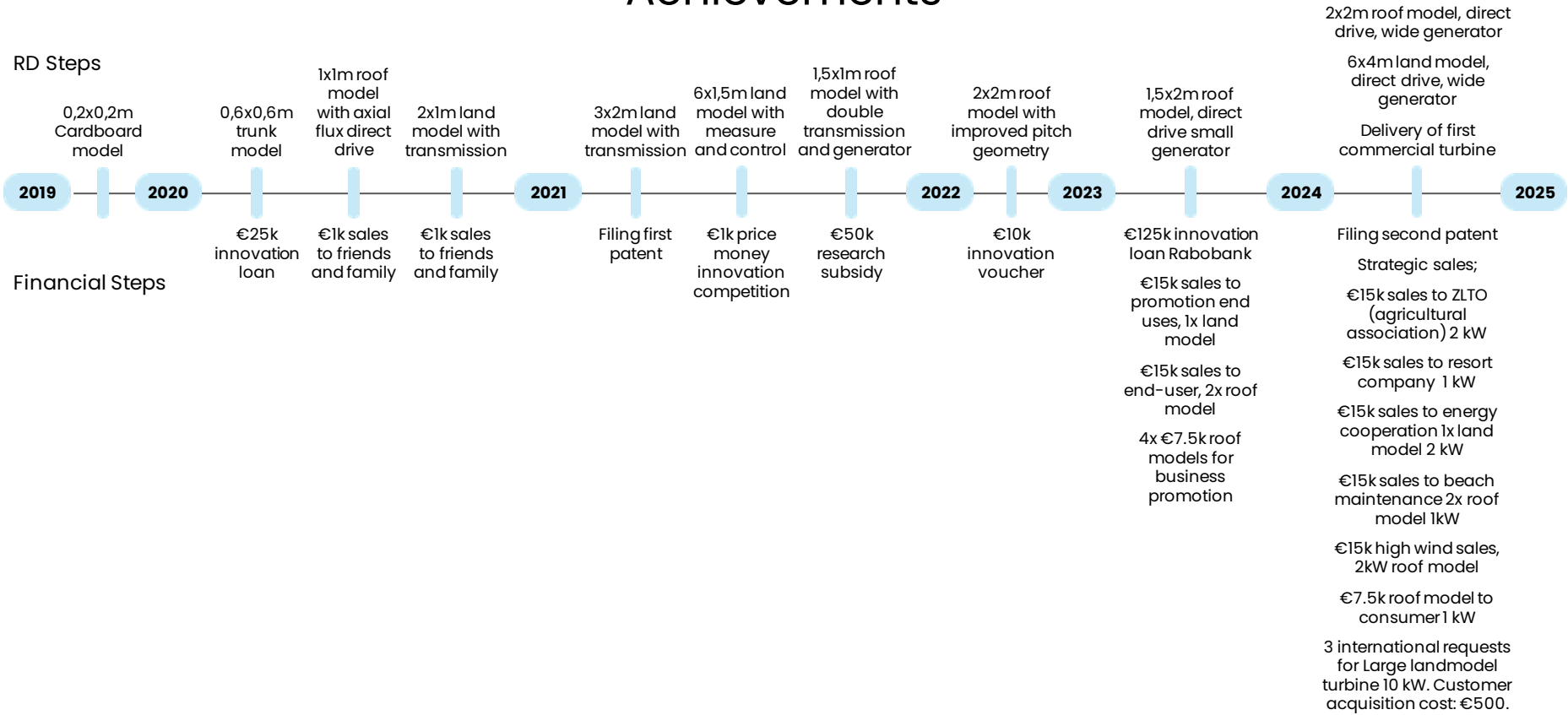
Achievements



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Team

Maarten van Oeveren

Chief Executive Officer (R&D-1/VA-4)

Eric Caron

Chief Technical Officer (R&D-1/ VA-3)

Stephan Ashley

Founder & Director Business Development

Andy Rogerson

Director, focussing on Human Resources and Strategic partners

Rob van de Pijpekamp

Sr. Mechatronical Engineer, engineering consultant (R&D-2)

Marijn de Ruijter

Sr. Technical Purchaser (VA-3)

Andrew Pindar OBE

Advisory Board Member

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HAWT versus VAWT

- Efficiency
- Higher energy yield
- Very high upfront CAPEX
- Not Modular

Classical Horizontal Wind Turbines

- All-direction wind capture
- Compact design
- Lower installation and maintenance costs
- Better performance in low and variable winds
- Less noise and visual impact
- Power where you need it

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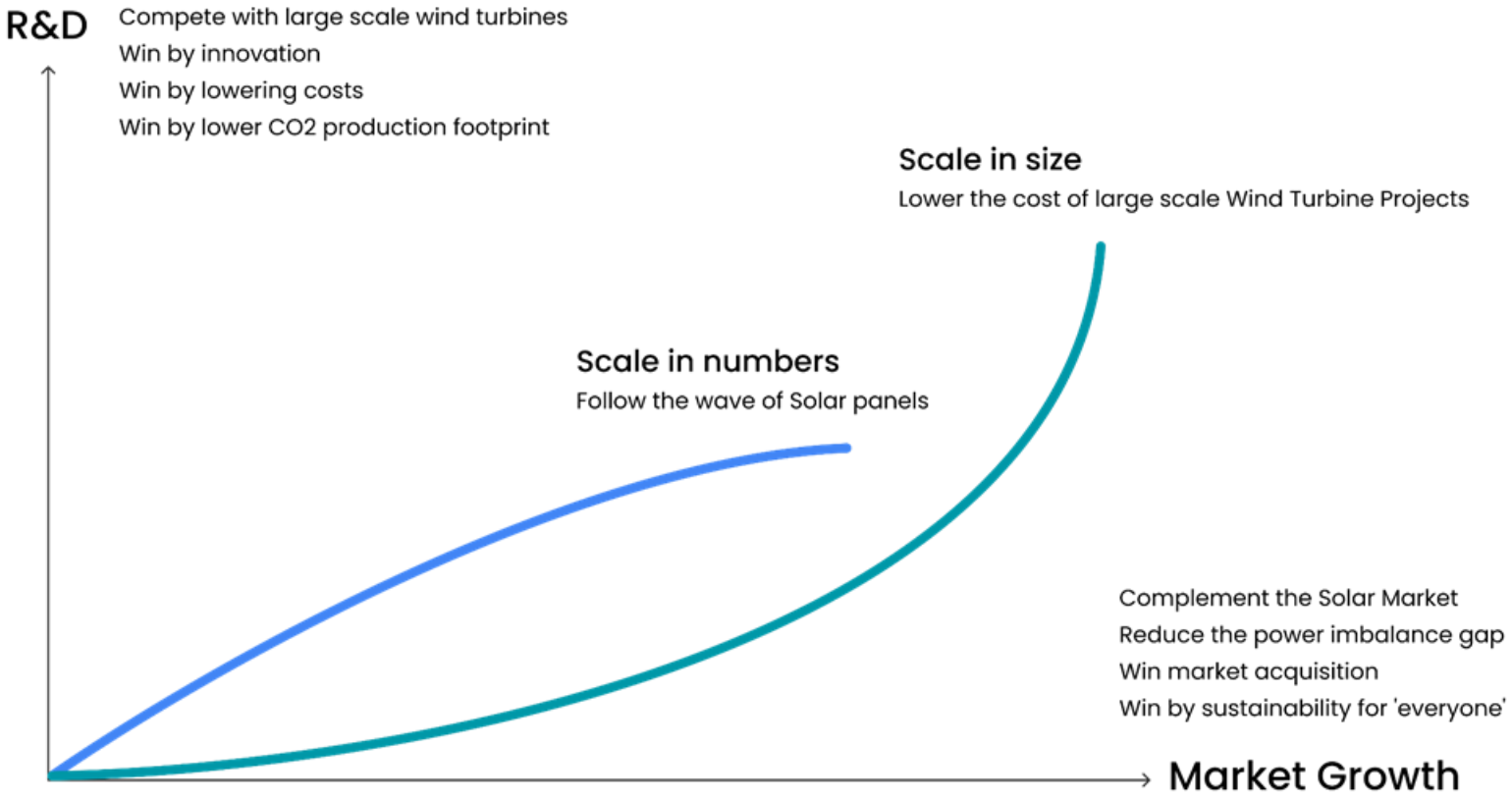
Market Growth



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Investment Propositions

Flagturbines is raising a Pre-Series A round

Round

5M

Deal

Deal 10%

Funding in Euro

Growth | Tech Dev

Market

$20 billion

Sector

Renewable energy | Hard Asset

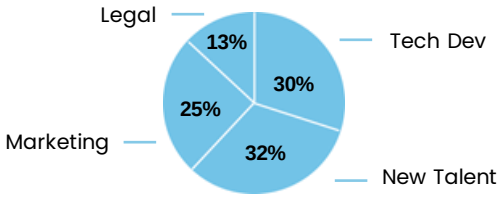
Investment type

Responsible investment for Profit

44M

- R&D on larger Turbines
- Turbine Production increase
- Market expansion Europe & North America
- Partnership/JV Acquisition
- Human Capital
- Customer Acquisition
- Tangible Assets

40M



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Thank you!

https://flagturbines.com/