

Investment Opportunity

KTW Technology - Spacetech for sustainable industrial innovations



Website



ABOUT

KTW Technology GmbH ("KTW") transforms proven space technology into innovative solutions for a wide range of industries. According to the Vision "SpaceTech4PlanetEarth", **efficiency and sustainability** increase significantly for customers and the cost of processes and app´s will be reduced. KTW's products stand for unique value propositions (speed, accuracy, energy savings, emission reduction, etc.) and great market development potential in every sector.

Although still a young company (founded in 2017), KTW has a proven business model, **is generating revenues in 2022** and plans to generate **approx. € 100 million in revenue in 2027**. Website see QR Code.

Three top engineers with proven track records in aerospace, formula 1 and defense technology and two experienced international managers are the founders of KTW and cover all relevant business areas. Their combined experience is a high guarantee for the successful implementation of the strategy.

TECHNOLOGY

To develop its revolutionary products, KTW use a former space technology. **Smart Valve:** Fast switching valve with a magnetized ball – originally developed to control the lander of the space mission Rosetta – further developed by KTW by changing design and **adding software and electronic components** is now the **basic technology** for various applications to improve efficiency and create sustainability in the industry and mobility. If there is a flow (air, gas, water or viscous media) the real-time valve solves many existing problems for our customers.



TRACTION

- Cooperations in valve technology with Krones AG, 2G Energy AG, Bronkhorst High Tech, ESA and DLR
- Attractive distribution partners in USA, A and CH and Southeast Asia
- First sales generated and corresponding sales pipeline established with customers like Heineken, Procter & Gamble, Continental, SWM international, Nestle etc.
- 2 ESA funding projects allocated, further funding projects (ZIM) in application phase
- Best ScaleUp Startup at ESA Investor Forum, Berlin
- Member of the GreenTech Alliance

INVESTMENT HIGHLIGHTS

- Investment in space-proven future technologies that fit many different industries and bridge the gap between efficiency and sustainability
- Highly experienced management
- Diversity of disruptive technologies as risk mitigation and opportunities
- Existing, prominent customers, very positive pipeline and forecasts
- Intellectual property rights ("IP") as main asset valued by independent advisor

KTW is looking for growth capital in a total amount of 5million € within 36 month. Shortterm growth capital of 0.5 Mio. € is needed to finance the sales pipeline. Company Value starts at 7.5 million € and shall increase with defined milestones.

KEY FIGURES	2022	2024	2027
Goss Sales	1.117	22.000	100.750
Goss Margin %	60 %	69 %	71 %
EBT	-411	5.343	41.579
EBT %		24 %	41 %

Financials in k €

Produkt 01 / 04

Compressed Air System
Air Flow Saver

7

8

9

13

pays in to 04 of 17 SEG targets

Optimised Compressed Air Application

Consumption reduction of up to 95% in process and active air applications

Heineken

Continental

CONITECH

旺旺集團

Realised

AirFlowSaver (AFS) rethinks the usage of activ and process air in the industry by **reducing at the Point of Use**. The AFS is the smart efficient use of compressed air by saving between 50 and 95% and increasing the efficiency of 15 to 20%!

Compressed Air is a very inefficient energy carrier and responsible for more than 10% of the energy cost in the industry.

Globally, the AFS has the potential to save several 100 million tons of CO₂ and several 100 billion kwh of energy, with a sales potential more than 100m €.

Produkt 02 / 04

Dosing Technology
High-Speed Precision Dosing

8

9

12

pays in to 03 of 17 SEG targets

Precise Pre/Post-Dosing of Flavours, Allergens and sensitive Additives

Increases utilisation of filling technology and reduces resource input

KRONES

ROFFINA

Bronkhorst

Realised

High-speed Precision Dosing is the disruptive answer to the growing pressure for efficiency in filling technology by separating flavors and ingredients from the main filling process. With the fast dosing of flavorings and additives, KTW solves many of the issues faced by fillers. The system reduce dramatically the waste of water, chemicals and energy, avoid aroma-carryover, is the enabling technology to expand the product portfolio, reduce CAPEX spendings and is the key to filling in demand.

The worldwide strongly growing beverage sales of flavored beverages stands for a gigantic potential of this product in a three-digit billion € market. The sales potential is bigger than 1bn €.

Produkt 03 / 04

Hydrogen Injection
H2 Injection System

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pays in to 04 of 17 SEG targets

Hydrogen Injection Technology for CHP's (stationary engines)

Generation of renewable energy

2G

In Development

H2 Injector System is for dosing and controlling hydrogen in CHP`s was commissioned by 2G Energy AG as a development. In addition we got a 5 year delivery contract to support 2G by retrofitting their install base of 5,500 CHP´s from gas engines to hydrogen engines (appr. 55,000 H₂ injection valves). The growth expectations of 2G are huge and we take part. The hydrogen market is considered to be the market of the future - with sales in the triple billions.

In addition the EU's energy transition für decarbonisation will only be successful if more CHP units are used in the future. If the current CHP capacity in Europe would be transformed to H₂, the yearly saving potential of CO₂ amounts to 65m tons!