HydroFoamer

Faster, Simpler, Safer

Company Background

Country:	UK
Industry:	Pipeline Technology
Nature:	Limited Company
Investment:	€2m

Opportunity to shape and exploit the future of the buried pipeline industry

Investment Highlights

- **Exclusive proven IP** – The HydroFoamer uses patented IP developed through an intensive and commercially-proven 6-year R&D program.
- **Innovative, disruptive Tech** – Refreshing a massive existing market, cutting typical installation times by 75% and costs by 40%, increasing potential project development ROCE by up to 300%.
- **Experienced management team** – The management team has over 60 years of combined experience in the technology industry and has created several successful companies.

Typical small-scale hydropower penstock
Length of penstock: 1.6 km Pipe Diameter: 500mm

	Aggregate Backfill	HydroFoamer System
Length of Project (installation days)	40 work days	4 work days
Number of Truck Loads (x2)	**400** x 40t dumper truck loads 16,000 tons of material	**2** x 40t dumper truck loads 75 tons of PU component
Cost (per length foot)	€420	€200

Company Overview

Hydrofoamer is set to disrupt the traditional underground pipe laying industry, by reducing costs, increasing efficiency, improving safety and opening previously untapped and inaccessible green energy markets.

Bringing together a solid team with proven engineering, marketing and financial expertise, combined with fully protected and proprietary IP, we are poised to make a dramatic impact on the market within the next 18 months.

The technology was proven in a major project for Statkraft, the Norwegian government's hydropower arm. The Company is planning to expand internationally, with the EBITDA expected to increase from €2.9m in FY 2022 to €12.1m in FY 2024.

The Company works with and has strategic partnerships with several prominent brands such as:

Statkraft covestro NTNU Norwegian University of Science and Technology FPI FUTURE PIPE INDUSTRIES

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Reasons to Invest in HydroFoamer Ltd

Faster

The Hydrofoamer sprays a layer of PU foam in a single pass, allowing backfilling of the pipe system in less than an hour.

Typical installation speeds of 50 metres per hour, instead of 50 metres per day with gravel.

In pipeline projects, increased installation speed means faster ROCE and 'time to market'

Simpler

Hydrofoamer makes engineering projects easier, because the rigid PU foam creates a system that is easier to model and calculate than granular backfill installations.

HydroFoamer uses a combination of software and hardware to create a 'pay-as-you-go' for the end-user that gives a very high degree of cost prediction.

Safer

HydroFoamer is proven to provide more than 7 times greater geotechnical stability than granular / stone-based backfill systems.

Using the HydroFoamer removes the need for personnel to enter the trench, as spraying is done remotely by robot, giving enormous Heath & Safety benefits.

HydroFoamer installations reduce access infrastructure requirements and 'transport journeys' by more than 90%, thus protecting the environment.

PU foam is inert and retains its mechanical / structural integrity indefinitely, whereas granular systems weaken over time.

... and much more **economical!**

HydroFoamer Ltd Management Team

Guy Harris – CEO / CTO & Board Member
Guy is the originator of the IP underlying the HydroFoamer technology. An experienced engineer, with a background from maritime asset management and the British military, as well as deep knowledge of hydropower from his time as Director of Quality at Odelskraft AS. Guy is focused on building relationships and ensuring the operational and academic excellence of the concept.

Chiara Rossi – CFO & Board Member
Chiara has been our corporate finance and strategy advisor for the concept since the early days of development in Norway in March 2015. With a strong international background in working capital and cash flow management, firstly at a senior consultant at REL Consultancy Group in the Netherlands, and more recently as Operations Director at RR Bet SRL in Italy, Chiara has a mandate to advise the board on due diligence and other financial matters that pertain to the licensing process.

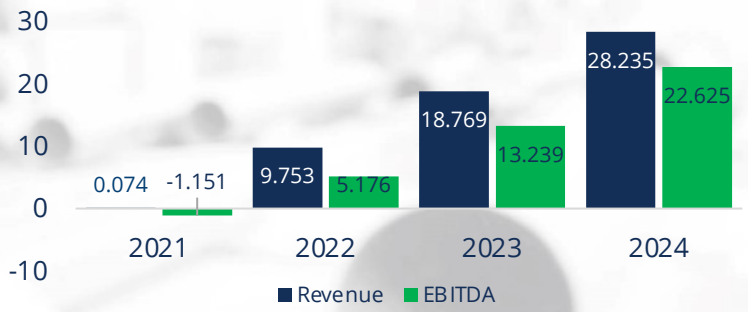
Alexander Harston – Commercial Director
Alex has a strong background in sales in high transaction value sectors, such as international property, niche and luxury brands and private equity. Experienced at the upper end of the international business world, Alex is a skilled negotiator. With several European languages under his belt and an impressive contact network in spheres from high level diplomacy to the military and HNW, Alex handles Investor Relations and spearheads business development activities.

Mehmet Can Türk – Robotics Engineer
Mehmet is a Mechanical Engineering graduate of the prestigious Fırat University in Elazığ, Turkey and the architect of the robotics solution for the HydroFoamer. Mehmet and Guy are jointly responsible for bringing the technical design to its current state, having worked together in Ankara for the last 6 months. Mehmet is a very talented engineer in his own right, working as a lecturer in mechatronics at the Ostim Technical University in Ankara. Mehmet augments the mechanical design of the system with specialist competence in the sub domains of machine control & programming.

Financials

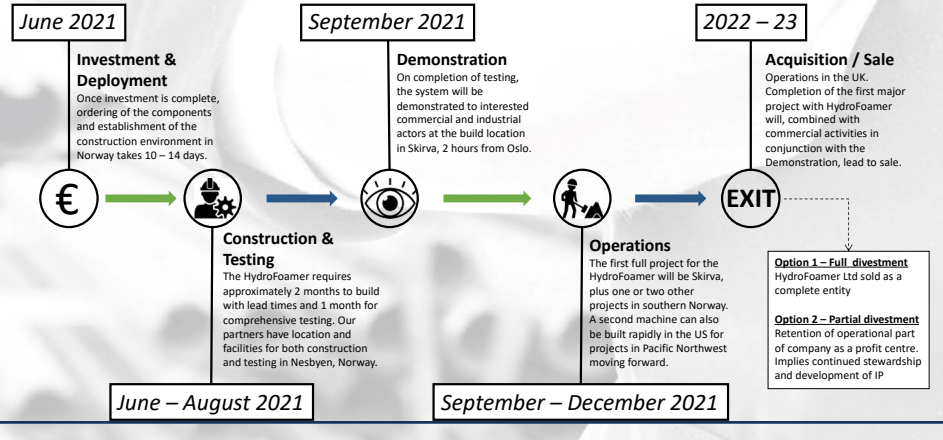
Revenue and EBITDA (2021 – 2024)

Units: millions of EUR (€)



Revenue and EBITDA through 2022 to 2024 are expected to grow heavily due to organic growth & high market penetration in hydropower & water pipe market

The Timeline



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www.hydrofoamer.com