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TELL US ABOUT YOUR COMPANY AND YOUR BUSINESS MODEL

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| Your "punch" line, in 140 characters | Our mission is to eliminate methane emissions from the world's cows & sheep by 2050. |
| Foundation Year | 2019 |
| Choose the cleantech segment that best reflects your core activities: | Agriculture |
| Provide additional key words that describe the sub-segment / focus areas you operate in | Enteric methane; Cows; Sheep; Aquaculture |
| Tell us about the problem you are solving and why it is important: | <p>In the EU, methane emissions from cows' feed digestion account for 69% of agricultural methane emissions or 42% of total methane emissions.</p> <p>A Nature paper reported that beef and dairy are on track to be responsible for 50% of food sector emissions by 2030. Enteric methane is a major driver of this. Solutions are desperately needed, but there has been minimal implementation of them so far. Only 2% of total greenhouse</p> |

gas emissions have been reduced in the EU's agriculture sector since 2005.

Describe your technology or solution in detail:

Volta Greentech develops breakthrough feed additives reducing methane up to 90% from cows.

LomeC

- Fully natural feed material made from algae
- Algae grown in our in-house production facilities
- High in minerals, vitamins & bioactive compounds
- Backed by +15 peer-reviewed studies.
- Market approval in EU received in 2020.

LomeX

- Synthetic feed additive
- Designed for efficiency and safety
- Low capital need & high scalability
- In-house production
- Market launch planned for 2026.

Is your solution:

Both

What is innovative about your idea?

Prior to Lome™, there were no high efficacy technical solutions on the market to cut enteric methane. Lome™ is the only available solution able to reduce these emissions in line with the Global Methane Pledge. On commercial farms, feeding LomeC at 0.6% of diet resulted in 80% methane reduction. LomeX is predicted to have groundbreaking impact due to its scalability.

The Lome™ service, a market-leading MRV service, enables food and clothing companies to report emission reduction progress.

Describe your business model

Our business model is to sell our methane-reducing feed additives to beef, dairy, wool and leather companies (B2B). We generate our revenue through these sales. We price our feed additives per weight.

Currently we are including our service of farm implementation, measurements, reporting, 3rd party verification and environmental marketing in the price of the purchase of our feed additives. In the future we will add a separate service-fee for this to make it into a revenue stream.

Application areas

We are active in reducing on-farm emissions from the beef, dairy, wool and leather industries.

Tell us about any intellectual property you have:

LomeC:

- Submitting a patent for a breakthrough discovery in new processing technique for Lome.
- Submitting a patent application for a biomass sensor.
- Sole owner of our fully in-house production blueprint (maintained as trade secret)
- Hold licensee rights for distribution of methane-reducing algae Asparagopsis

LomeX

- After EFSA trials, we will be granted a proprietary regulatory authorisation (holder specific) for LomeX which is valid for 10 years and renewable.

ENVIRONMENTAL IMPACT

What environmental benefits can be achieved with your solution?

The Global Methane Pledge goal of cutting anthropogenic methane emissions at least 30% by 2030 from 2020 levels is the fastest way to reduce near-term warming and is essential to keep a 1.5°C temperature limit within reach. Enteric methane is responsible for 42% of the EU's total methane emissions. Lome™ technology is the only currently available solution to reduce enteric methane emissions in line with this goal.

How can/will your innovation support, directly or indirectly, the reduction of carbon emissions?

Lome will have a direct and immediate impact on ruminant enteric methane emissions. These emissions are responsible for ~5% of total GHG emissions or 40% of total agricultural emissions. Methane is a short-term, but highly potent GHG, so short term reduction will have a drastic effect on limiting warming over coming years, during the large-scale shift towards net zero.

Have you calculated the environmental impact, actual or potential, of your solution?

Yes

Please provide the results of your impact assessment

For every trial we conducted, we complete a climate report which is verified by a third party. These are available on our website: www.voltaagteentech.com/lome

MARKET, CUSTOMERS AND COMPETITORS

What is your target market and how big of an opportunity is there?

Reducing emissions from beef and dairy is a rapidly growing market driven by three market-drivers; corporate responsibility, consumer demand and government policy. These market drivers establish a market and create a willingness to pay for our products & services.

There is a vast population of approximately 1 billion cows, with ~230M located in counties with high levels of corporate responsibility and consumer demand and/or high likelihood of governmental support.

In which geographical markets would you be most interested, in the short term?

We have built up a significant presence in Sweden and the UK where our customers are located to date. We are targeting Northern Europe as our main market. From 2028 onwards, Volta will further expand throughout the US/North American and Australian markets.

Describe your target customer

Our customers are large beef and dairy companies that seek to lower their carbon footprint using methane-reducing feed additives. We are now also developing relationships with large, sustainability-orientated fashion brands using wool and leather.

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| How many customers or users do you currently have? | Our key customers for LomeC are currently Protos (Sweden) and ABP Food Group (United Kingdom) who we foresee will generate a 50% share of our revenue, each, in the coming 3-5 years. Market introduction of LomeX is planned in Europe for 2026 after receiving authorisation. |
| Who are your competitors? | <p>Other Asparagopsis producers [e.g. CH4 Global]: There are currently 9 companies licensing the Asparagopsis supplement technology from FutureFeed, with Volta Greentech as the only company based in Europe and targeting this market.</p> <p>Rumin8 produces synthetic product (70-90% reduction). Has not yet received approval for use in the EU or any other jurisdiction.</p> <p>DSM produces Bovaer (32.7% reduction). 50+ trials conducted. Chemical substance. Not yet approved for beef.</p> |
| What is your unique selling point? | We provide the most effective and affordable feed additive to reduce methane emissions from cows. |

TRACTION AND FINANCIALS

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| How are you financing your activities? | Our business plan is to reach €10M in revenue and be cash flow positive by 2027, and reach €50M in revenue by 2030. We are well on our way. We have raised €6 M in funding to date from customer and top-investors, laid the commercial product foundation and have already signed customer orders worth more than €1M with some of Europe's leading food- and agriculture companies. |
| Provide your most recent turnover (in EUROS) | 5690 |
| Select the option that best describes your company's development stage | Scaling and Growth |
| What have you accomplished so far and what are your next steps? | <p>2019</p> <ul style="list-style-type: none"> -Company founded <p>2020</p> <ul style="list-style-type: none"> - Pilot Lome production facility opened <p>2021</p> <ul style="list-style-type: none"> - Market release and product reducing 80% in commercial trials. <p>2022</p> <ul style="list-style-type: none"> - €2M in investment from key customers - Lome beef (world's first methane-reduced beef) launched in 23 stores with customers <p>2023</p> <ul style="list-style-type: none"> - Multiple pilots completed and LOI signed - Naturvårdsverket advises government to accelerate Lome implementation. <p>2025:</p> <ul style="list-style-type: none"> - Phase 1 Factory 02 operational <p>2026:</p> |

- LomeX introduced in Europe
- Production ramp up LomeC & X

How much funding have you raised so far? (in EUROS)

6000000

Are you currently looking for funding?

Yes, we are raising a €10M priced equity round

Please specify the amount and type of preferred actor (e.g. strategic, passive, industrial, private) and what you are planning to use this funding for

€10M priced equity round. We see this is a highly relevant innovation for industrial investors from the beef, dairy, leather and wool industries.

Funding will be used for:

- Building Volta Factory 02 for LomeC production (alongside grants [33% of financing] and loans [33% of financing]).
- Funding LomeC and LomeX R&D
- Supporting LomeX trials [supplemented by grant funding]

TEAM

Describe the founders and key team members. Cite background and competences.

Fredrik Åkerman
CEO, founder
Northvolts first intern. Has raised €6M & signed customer contracts worth >€1M.

Angelo Demeter
CPO, founder
Molecular Biology Background. Researched cancer cells, animal science & biotechnology in food industry.

Ioannis Dogaris
Lead R&D, Lab
Phd Chemical Eng. Previously 6 years R&D in academia

Matt Hargrave
Lead R&D, Production
Phd Marine Biology & Post-Doc specialised in macroalgae.

Alexander Jönsson
Lead Engineer, Production
MSc Industrial Design Eng.

Why is your team the right team to bring this solution to the market?

Volta Greentech has a 5-year track record of being highly resource-efficient generating good output on investors money.

What key additions to your team are needed in the short term?

Hiring plan to cover for missing roles/skills during 2024:
COO, CFO, Business developer, Research Scientist, Process Design Engineer, Factory Manager (Factory 02), Cultivation specialist (Factory 02), Factory technician (Factory 02), Operations technician (Factory 02), Operation technician (Factory 02)

CONTACT DETAILS

| | |
|--|---------------------------|
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