



Technical Assistance for Turkey in Horizon 2020 Phase-II EuropeAid/139098/IH/SER/TR

Turkey in Horizon 2020 II

How to create a Pitch Deck for EIC Accelerator Application

Serkan Bolat

Project Writing Training 12
December 14, 2021









What is a Pitch Deck?



A compelling story that everybody wants to be part of.



- Business Plan overview
- 10-15 slides, delivered in 10 minutes
- To raise money, sell a product, build partnerships
- Mandatory for EIC Accelerator proposals
- Emotional, novel, and memorable
- Tell and sell the evaluators your story









EIC Pitch Deck Requirements



Short Proposal

- .pdf only, max 10 pages
- No predefined template
- Self-explanatory
- Do not try to touch on every aspect of your project
- Attract attention; let them ask for the Full Proposal

Full Proposal

- .pdf only, no slide limit
- No predefined template
- 2-4 slides for business model, targeted market, and growth forecast are must
- Pitch Deck used during 10-minute
 Jury presentation if invited
- Amaze the audience; make them invest in your business









Pitch Example to VC panel







SME Instrument Phase 1, 2019 €50K



ablehumanmotion.com

Watch the session:

'Pitch-er perfect' with eHealth/MEDtech startups











Mobility impairments increase dependency and restrict participation in society

1 billion
people are affected by
neurological diseases

Stroke & SCI leading causes of movement disability

1 in 6 will suffer a stroke

numbers are increasing

798 B€

healthcare costs in Europe















Exoskeletons can help people with impairments to regain mobility,



although current technology is:



Expensive



Heavy



Not patient tailored



Needs supervision



Only used in large clinical institutions













ABLE Human Motion was born to lead the exoskeleton transition from clinics to users' homes



Lightweight

- Optimized design using advanced materials
- Propriety cable-driven actuator technology



Easy-to-use

- Seamless detection of user's intention
- 80% reduced fitted time



Accessible

- Design tailored to each condition
- Towards home-use





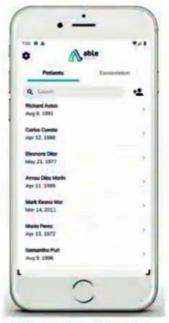




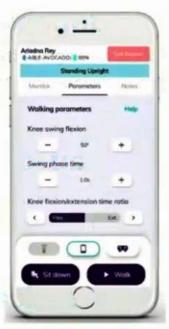




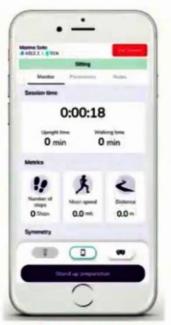
Software to enhance the rehabilitation experience, enabling a more personalized and data-driven therapy.



Record patient's & session's data



Adjust gait parameters



Monitor realtime utilization



Track patient's progress













Recurring Revenue Model: towards becoming the Standard of Care **B2B** model Short term B2B2C model Mid to long term **Direct Sales to Distributor Sales Clinical Institutions** to Patients 2,000 €/yr Extended SW Upgrades Warranty Rental/Lease Financing Training Subscription Package 40,000 € Service Contract Accessories IISΛRT Ginstitut Heidelberg University Hospital **EDSER** SPAULDING.

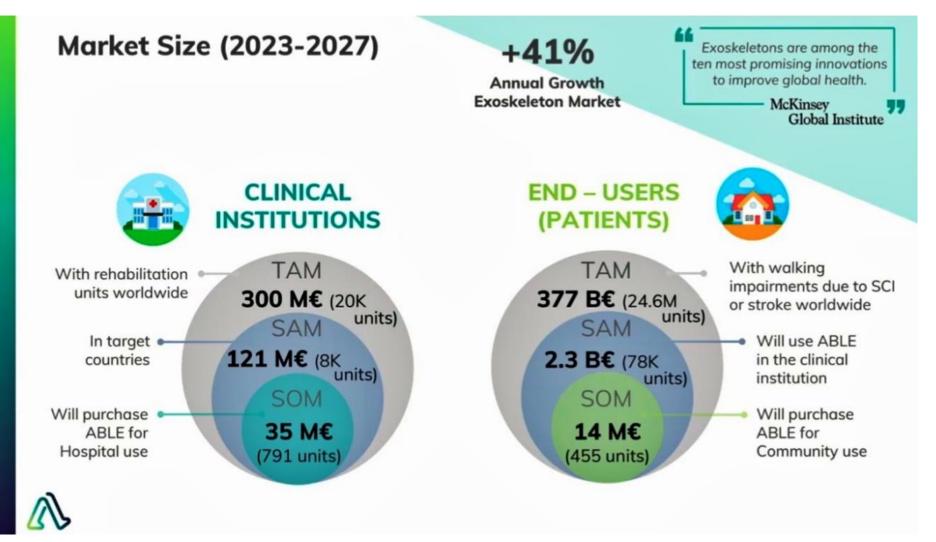




















Main Competitors

ABLE offers improved functionalities for patients & clinicians, while being 2x lighter and 3x cheaper than its competitors.

	CYBEROYNE	ekso	Indego	Revalc Mare Than Walking	able
Country	Japan	USA	USA	Israel	Spain
Price	150,000 €	130,000 €	120,000 €	100,000€	40,000 €
Weight	14 kg	27 kg	18 kg	28 kg	11 kg
Site of care	Clinics	Clinics	Clinics/Home	Clinics/ Home	Clinics/ Home
		*	1	- The	✓ User-initiated steps ✓ Variable assistance ✓ Used with crutches ✓ Adjustments w/o tools ✓ Quick fitting ✓ Mobile app ✓ Higher level SCI













Traction and Roadmap

2018-2021 2022 2023 2024 2025 Patented technology · Design freeze · First sales in ES. · First sales in · First sales in GER, Nordics, FRA, ITA, CH. Canada, US BENELUX UK, IL • 6 iterations (product-market fit) (+)= Official product launch Tested successfully by >90 paraplegic patients REHAB 100 devices sold •300 devices sold Multicentre clinical trial: proven Safety & Usability · CE Mark for Heidelberg Heidelberg University Hospital Guttmann · Efficacy clinical Stroke indication Hospital use trials •ISO 13485 Quality System · CE Mark for · Collaborations with leading Community use clinical institutions US clinical trial B2B2C sales for ●●(1)衆争 Community use Product for mild walking impairments • Reimbursement











We need 2 M€ to launch sales in Europe













Management Team



Alfons Carnicero CEO & Co-founder



Alex Garcia CTO & Co-founder



Douglas Younger III, MBA Marketing Director



Anna Mas, PhD Quality & Regulatory



Helena Lopez Clinical Specialist















Implantoast



UNIVERSITY OF CAMBRIDGE

Mar Cortes, MD Co-Director at Abilities Research Center

Mount



BCN3D

John Collins, PhD
Chief Operating Officer
at CIMIT
CIMIT





Technological partners







Paolo Bonato, PhD
Director of Motion
Analysis Lab

SPAULDING
BEHABELTATION NETWORK



Karen J. Nolan, PhD Assistant Director at Center Mobility & Rehab. Eng.









2020 Best EU Robotics Startup



Toyota Startup Awards "Mobility for All"

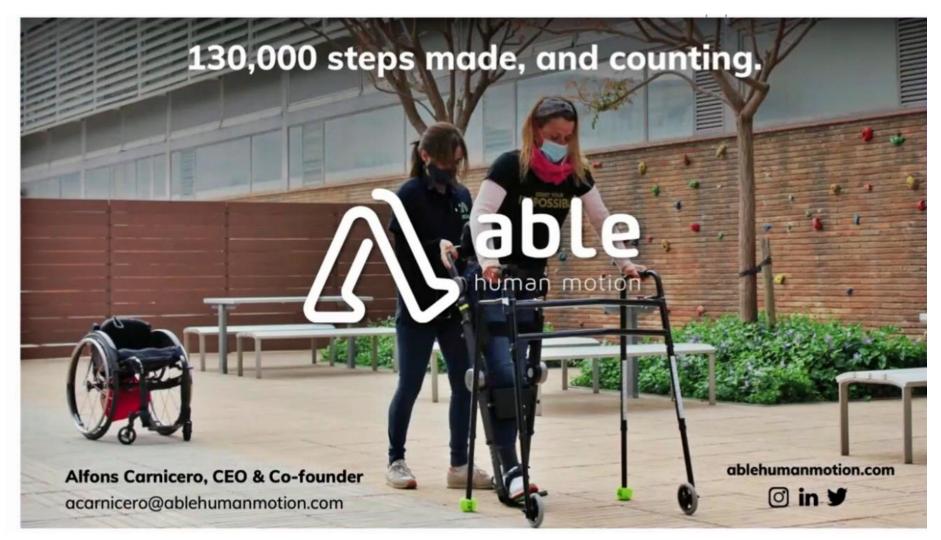
















Pitch Deck Content



















Competition

Business Model

Market

Go2Market



Value Chain





Progress





Growth

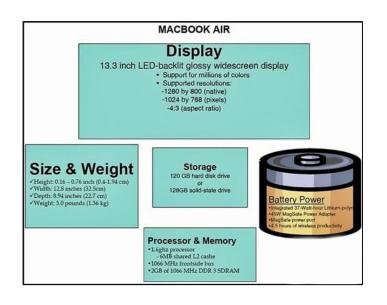






Pitch Deck Style







- Use EIC terminology, limit technical jargon/abbreviations
- Basic but key facts; 3-4 key points for each slide
- The more evidence, the shorter and more persuasive the deck
- Less text, more visuals; company logo & project acronym on each slide









Pitch Example to VC panel







EIC Accelerator Pilot, 2020-2022 €2.5M



toposens.com

Watch the session:

'Pitch-er perfect' with robotics startups























Detecting the Undetectable

What We Do

Our short-range ultrasonic 3D sensors can detect objects that no other sensors can detect, UNIQUELY...

- ...unlocking the rapidly growing demand for autonomous industrial robots
- ...enabling automotive underbody detection required for <u>all</u> autonomous parking systems







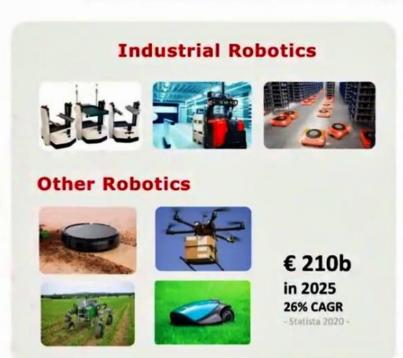






Automation Technologies Are Growing Massively

Automation is changing how we live and work.











- Research and Markets 2020 -





Problem: When Machine Vision Fails in Short-Range Sce



Industrial Robot crashed into forklift

2D LiDAR can't see forklift fork

500 deaths, 60,000 injuries in parking

Rear-view camera, limit's view to 80°











Next Level Robotic Safety with 3D Ultrasonic Sensing

3D Collision Avoidance for AGVs



Reliable Outdoor Usage



Short Range 3D Data for Autonomous Parking



Worlds First and Only 3D Ultrasonic Sensing Solution



ECHO ONE™ DK 3D Ultrasonic Sensor (FCC, CE certified)



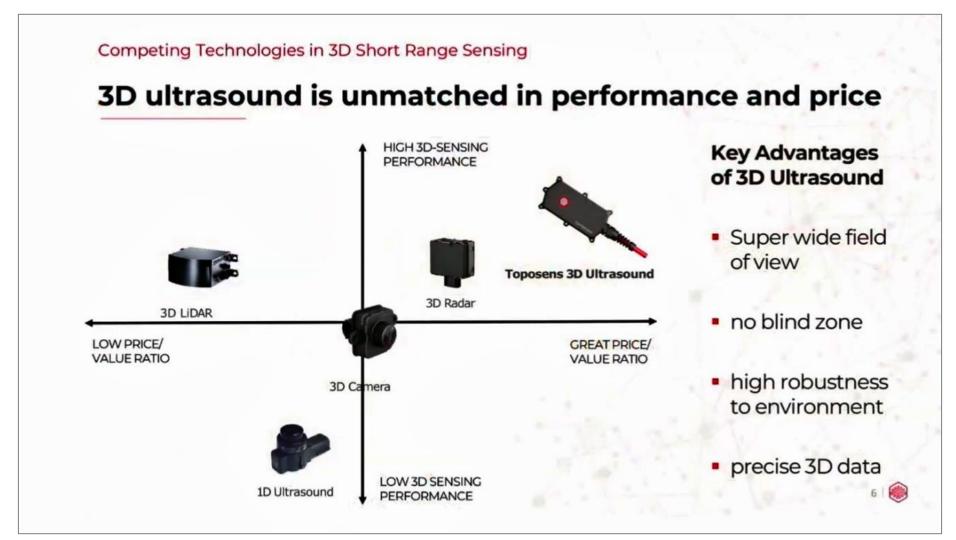




















Business Model

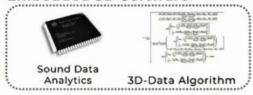
Perception software and high-quality sensors systems create the full customer solution

Application Software Packages



Lock-in effect of solution software

Embedded 3D Software



 Unique Toposens IP of processing ultrasonic data into 3D data

Sensors (Hardware)



- Solution enabler for high margin SW
- Outsourced manufacturing



Modular approach for easy adaptation to market and customer needs







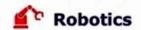






Traction

Pilot Customers - Worldwide Demand for 3D Short-Range Sensing





























Automotive































Toposens has a unique and differentiating technology in the 3D sensing industry.



For a challenging environment, Toposens has a proven technology with innovative algorithms



The results of the PoC were of high quality.

1m+ in total revenue since company start through PoCs, Pilots and 250+ sold development sensors

























Financials Positive customer feedback of market leaders show the future market impact in Robotics and Automotive **Key Business Facts:** Robotics **Revenue Projection Toposens 2022-2026** 128 (in m USD) Ramp up in Robotics 2021/2022 4 LOIs, Advanced pilots and market commitments for 2022 Target robotics sensor unit volume in 2025 equivalent to 3-7% market share 55 **Automotive** Launch Automotive Sensors: 2024+ Revenue ramp up until 2030 for 5 1.1 € 200m+ opportunity 2022 2025 2023 2024 2026 faurecia **Development Kits** ■ Robotics Engineering Robotics Sensor Automotive Engineering ■ Off-Highway Sensor ■ Automotive Exterior Sensor Automotive Interior Sensor











"The Ask" to scale rapidly and make the world of automation safer than ever before

Executing a Pre-A round to raise a strong Series A

€3.0m round for runway until end of 2022



Execute Robotics market penetration with lead customers and satisfy high market demand in robotics and prove market scalability



Ramp up of automotive team for certified automotive sensor development



Invest into R&D (SW and next level microphones) for future products

Previously raised

EUR 2.8m raised in SAFE notes

EUR 2.5m in EU grant funding



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Do not seek perfection



"For every one of our failures, we had spreadsheets that looked awesome." Scott D. Cook, Founder of Intuit







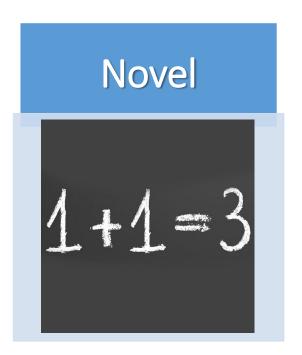




Your Winning Pitch Deck















Good Luck!

Any questions?





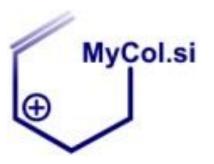


Annex Exemplary Pitch Decks from EIC Beneficiaries

















Pitch Example to VC panel







SME Instrument Phase 2, 2018-2020 €1.3M



tappwater.co

Watch the session:

'Pitch-er perfect' with consumers-related startups











Our mission is to eliminate bottled water, for you and the planet.

We do that by creating sustainable, affordable and convenient badass products that eliminate the need for bottled water.

TAPP Water €2.5m Investment Round

Presenting: Magnus Jern, Co-founder, CPO and B2B

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1











Vision



Reduce plastic waste by 10 bn bottles by 2026



Create a €1bn Water as a Service brand for sustainable water consumption











Problem = Opportunity

- 60m households in Europe (540m worldwide) drink bottled water at home
- It's difficult and costly to fix the taste of public tap water (chlorine + minerals)
- Plastic pollution and climate change top of the agenda but change is slow
- Existing water filters have failed to address consumer needs (simplicity, convenience, taste, sustainability)
- Expected tipping point for alternative solutions (as with electric cars / energy)











Our solution



World's smallest faucet filter (Patent pending) with "Spotify like subscription" from €8.99/mth











Simple to install and use

Great taste & Healthy

Affordable / Subscription

Sustainable (plastic and CO2 reduc.)

Next gen 2023+ Connected (flow, use, quality, etc)

Powered by our Water as a Service platforms including water quality database.













Market size & validation



60 million households in Europe of which > 50% will transition away from bottled water in the next 5-10 years.

-> 10% market share = €300m business



Sold 100,000+ filters worlwide, 2.5% households in home market Barcelona



9 out of 10 customers say taste like bottled water



Ready to grow! 88% choose subscription 65% NPS, 18% referrals



Customers have avoided 60m+ plastic bottles













Business model

Filters installed with long term recurring revenue from

- yearly/monthly subscriptions (D2C)
- standalone filter and cartridge sales (retail/marketplaces/Amazon)

Current trend/projection for EcoPro Compact

NetLTV: €92

CAC: €25



* Plans based on household size











The only company that offers an

eco-friendly and affordable pay per use "Water as a Service" that doesn't require professional

installation.

Competition

TAPP Water USPs

Bottled Water

Competitor





Save money Convenience Healthier Save the planet

Pitchers & Faucet



Better taste Compact design Faster flow + limescale filtration No plastic waste

Under the Sink / **RO** installations



Easy to install / no plumber or drilling Affordable (<100 euro year) No waste of water or plastic







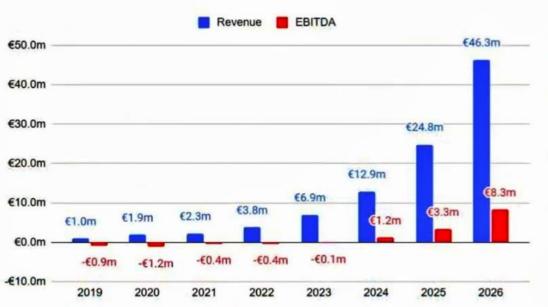






Growth Plan with €2.5m funding





Raising €2.5m with €1.5m committed from existing investors

Accelerated growth with WaaS mid 2022

Break-even mid 2023

Assuming round closed by Q1 2022. Based on marketing and sales plan. Our firm belief is that we will reach a tipping point with the opportunity of €100m revenue run-rate by 2026 based a small share of the bottled water market in Europe.











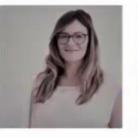
And the team that will deliver















Alexander Schwarz CEO & Co-founder

Michaela Mairinger Marketing & Sales

Magnus Jern CPO & Co-founder

Chiara Castellani Head of eCommerce

Jeff Cardarelli Data & Co-founder

Cristian Eichborn **Customer Experience**

























Softonic





Top non-ex in Sweden on 10+ boards





9



Advisory board including top industry experts, investors and green tech entrepreneurs Partners including Suez, Bluefield, AUB, Bucknell and Michigan University.











Invest in TAPP



- Addressing a problem for 100s of millions of households
- Proven early success with 100,000 sold products
- Diverse team with proven ability to execute & scale across Europe and international markets with 30 distributors
- Strong financial plan to reach €50m run-rate by 2026
- Aligned with UN SDGs, received €1.2m in EU R&D grant 2018
- Profitable from 2023 and already received acquisition offers





























Pitch Example to VC panel







EIC Accelerator Pilot, 2020-2022 €2.4M



Capri-Medical.com

Watch the session:

'Pitch-er perfect' with eHealth/MEDtech startups

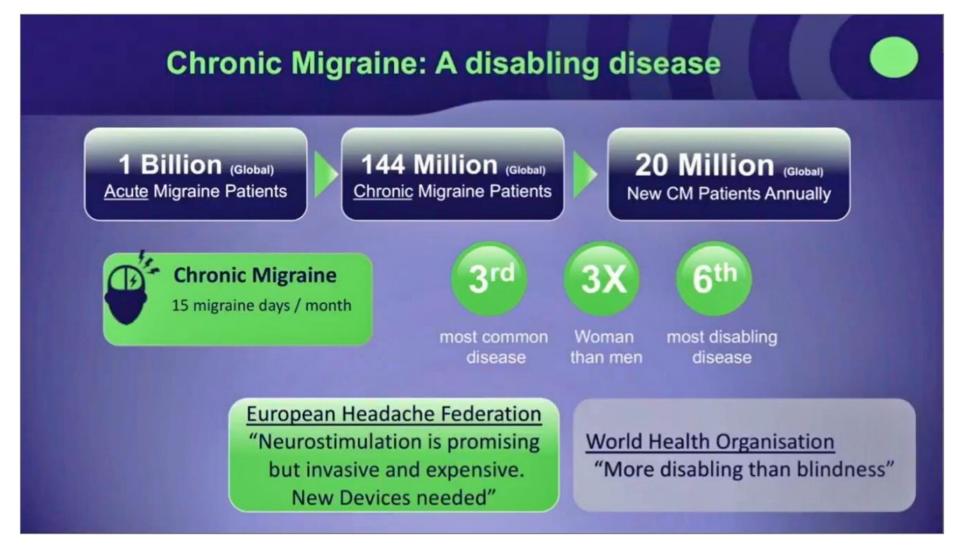














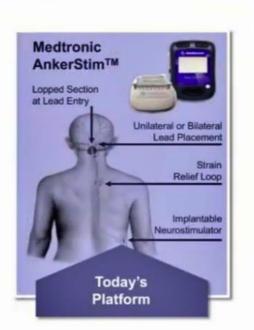






Referral Pathway: Continuum of Care (Today)





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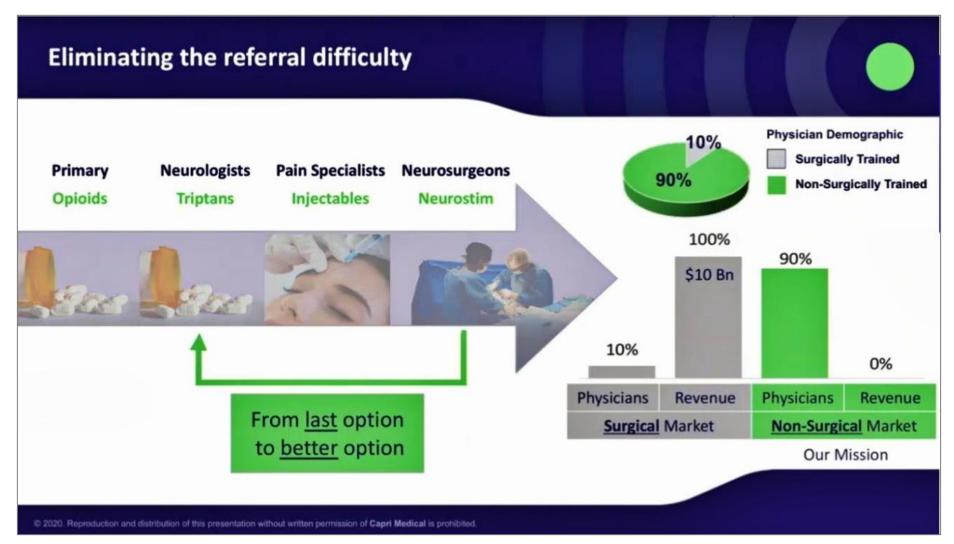












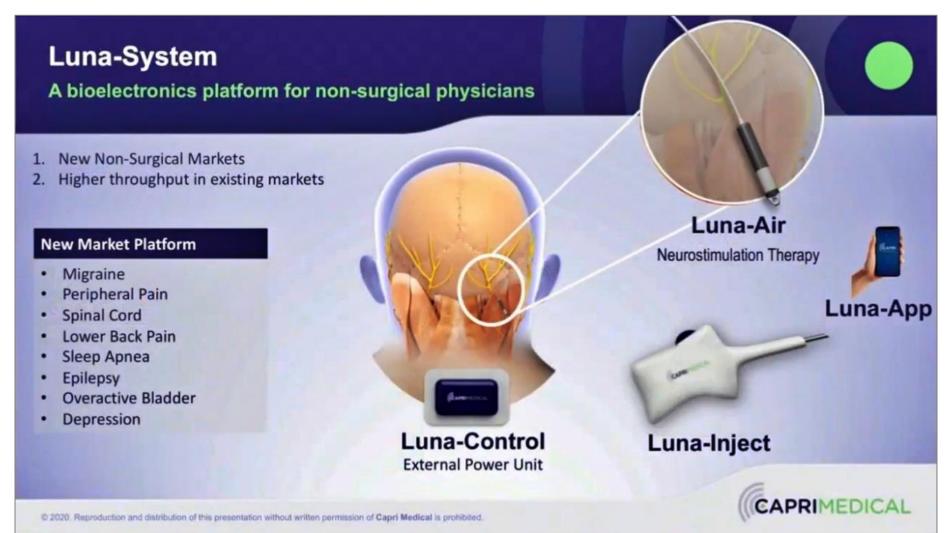
























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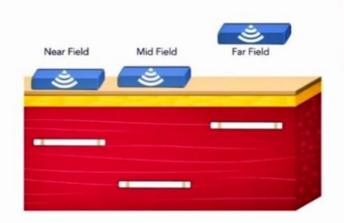


Luna System

A bioelectronics platform for non-surgical physicians

	Capri	Neuspera	Nalu	Bioness
Injectable Non-Surgical	1	X	X	X
Multi-Field Wireless Power	1	X	X	X
Advanced Habituation Stimulation	1	X	X	X
Future Sensor integration	1	?	?	X

Multi-Field Wireless Power



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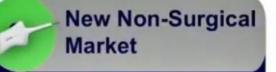








Key Benefits



- 1 Injection
 - 20 Minute Procedure
 - Outpatient clinic
 - 6X Patient Throughput



More Effective Therapy

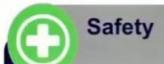
 Habituation Stimulation = longer-term efficacy



- Improved Patient Experience
- Enables new product form factors and differentiation

Economics

- Cost reduction over
 - Botox Treatments
 - Traditional Neurostim



- Reduced Lead migration
- No Cannulation
- No Subcutaneous Tissue Trauma
- Easy explantation











Fundraising Co-investment Series A Grant Series B CLN Pre money € 25 m **Investment Gap** € 20m Commitments €2.0 m € 4.0m EIC **Total. Investment** €2.0 m € 20.0 m Sales Revenue - USA **Design Freeze Prototypes** Sales Revenue - EU Preclinical Milestones **Preclinical Complete** FIH & RCT Complete IP Team 510K approval **EU MDR Approval** M1 2022 - M1 2024 M1 2024 - M1 2026 M2 2020 - M1 2022 **Timeline** 24 Months 24 Months 24 months **CAPRI**MEDICAL 2020. Reproduction and distribution of this presentation without written permission of Capri Medical is prohibited.









World Class Team



Fergal Ward CEO & Founder M.Eng, B.Eng, MBA



Jeff Erb Chairman



Ricardo Vallejo, M.D., PhD. KOL

CEO and Founder at Stimgenics

Co-Founder: Millennium Pain Center





Ciarán Lohan CFO CIMA, MBA 25 Years Finance Merrill & Others



CTO PhD Electronics 14 Years Engineering R&D Mallinckrodt

Director of Research: National Spine and Pain Centers Research Professor: Psychology, Illinois Wesleyan University Editorial Board: Pain Practice, Pain Physician, Journal of Neuromodulation, Regional Anesthesia and Pain Medicine Scientific Committee: North American Neuromodulation Society Director-at-Large: NANS Board of Directors

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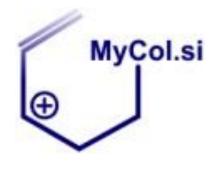






Pitch Example to VC panel







SME Instrument Phase 1, 2019 €50K EIC Accelerator Pilot, 2021-2023 €1.1M



mycol.si

Watch the session:

'Pitch-er perfect' with food technology startups











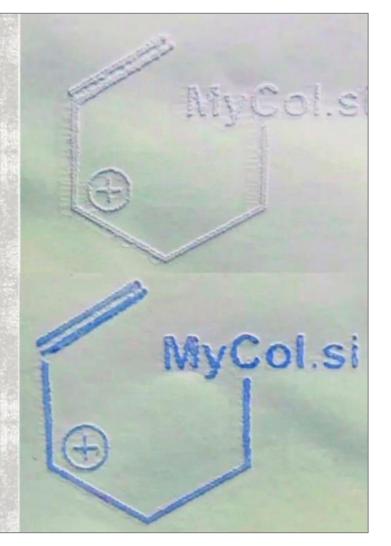
Mission

.. to become a highly competitive provider of innovative products

to control the temperature for different objects visually.

→ mass production of printed indicators: suitable for any smooth surface, their colour changes when the predefined temperature is crossed, repeatable or permanent colour change are possible.

Funded in March 2017
Spin-off of the National Institute of Chemistry, Ljubljana,
Slovenia







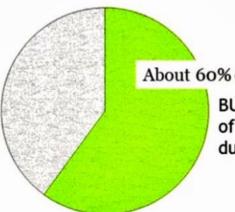






MyCol.si

Problem



About 60% of food needs cold chain protection

BUT we have no sure way of detecting temperature excursions during transport between chilled spaces,

A quarter of all food is wasted

The amount of lower quality or even unsafe food is yet unknown

Food wasted from cold chain has the largest carbon footprint

Controlling temperature excursions of each package on travelling along cold chain is **technologically questionable**.

The existing solutions are not cost-effective, especially for consumables.



WASTE











Solution



Permanent (irreversible) colour change



Flexible labels / printing on packaging

- >Temperature-sensitive printing ink.
- Printing of indicator labels.
- When cooled and activated, each label remains white as long as temperature remains low.
- Permanent colouration occurs with overheating.
- Any shape can be printed.
- The colour change is clearly visible by naked eye.





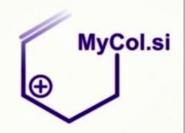








Value proposition



Benefits of T-Sense Cold for food chain actors:

FOOD PRODUCERS	TRANSPORTERS		
Proof of overheating in the chain → diminishes the costs of disposal → increases the revenue	 Indication of mistakes in the transport chain → become a provider with proof on increased accuracy. 		
RETAIL	CONSUMERS		
Only food with non-coloured indicator will be accepted (proof of quality)	Simple and independent control of quality of the food		
→ lower costs, increased trust and loyalty of consumers	→high quality and safe food		





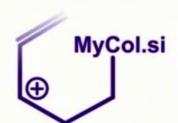






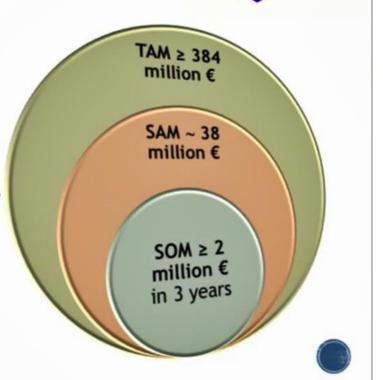


Market opportunity



Market growth

- global cold chain market: CAGR=7.6%
- Fruits and vegetables = 32.7% total market
- Food safety testing market: 28.6 bn USD till 2026













Competition



	MyCol	ShockWatch WarmMark	TimeStrip Temp*	OnVu (Bizerba)
Many possible colours				
Flexible label				
Any design				
Activation	Contact & non-contact	Contact	Contact	Non-contact
High Detection				
TA TA tolerance	8°C, possible: -50°C to 20°C ±1°C	-18°C, 0°C, 5°C, 8°C, 10°C ±1°C	6 °C, 10°C ±0.5°C	4°C No data
Shelf life (un-activated)	> 1 year	2 years	~ 2 years	No data
Shelf life (activated)	Potentially unlimited	No data	1 year	14 days
Price (per 1000 pieces)	0,15-0,25 €	0,72 - 1,00 €	~0,90 €	Not available



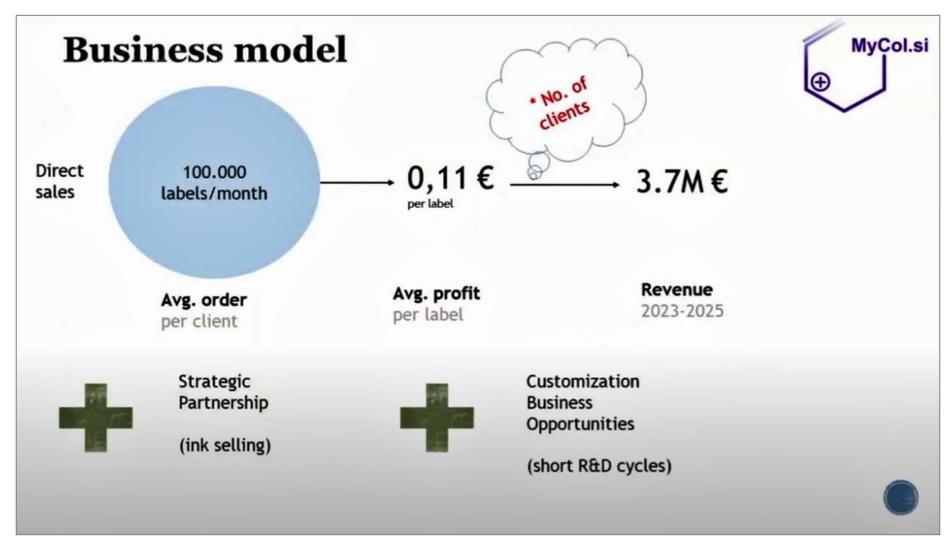










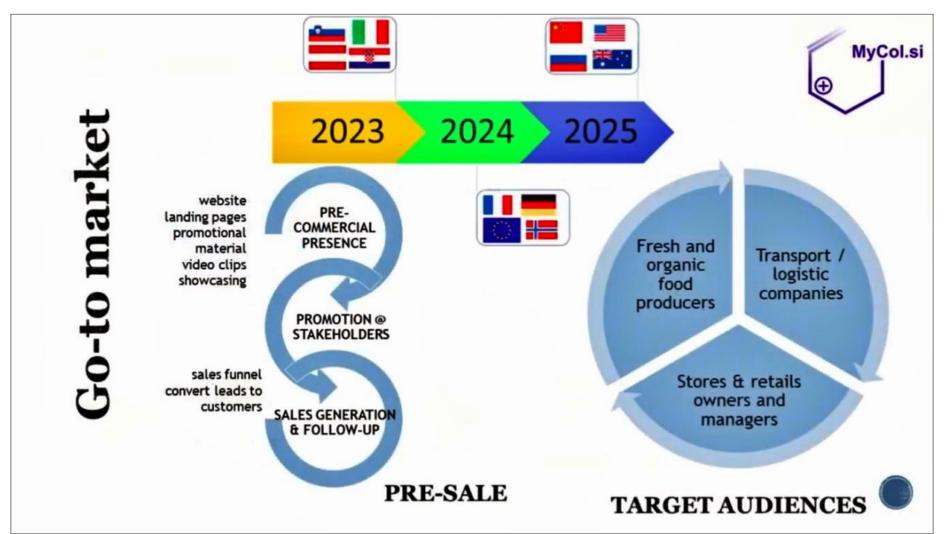














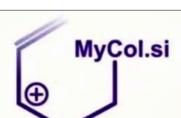








Team





Marta Klanjšek Gunde PhD

- CEO
- R&D in materials science
- Winner of WIPO Best Invention Award 2021



Nadja Železnik PhD

- quality management system
- certification
- sustainability



Matjaž Kunaver PhD

Milena Jeraj

- R&D in polymer chemistry
- large scale demonstration
- validation



Katarina Jenko

- laboratory work
- Product development
- testing & measurements



lvica Ilić M.A.

- **Business development**
- Commercialization
- Sales & Negotiations



Primož Kunaver MSc

Business Consultant



- Administration
- Accounting



Mitja Pajek

- business development
- commercialization
- International sale





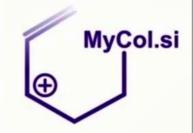






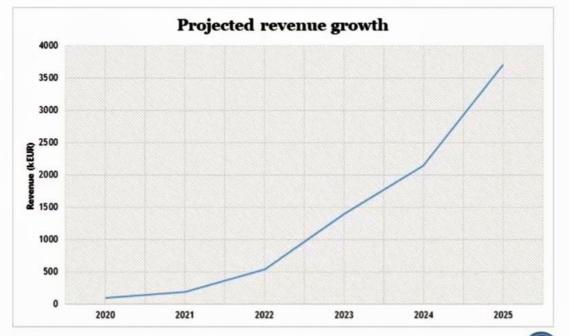


Financial projections



- In 2025, cumulative revenue 3.7 M EUR
- Long-term projection -> 8 M
 EUR until end 2029

- Funding raised: 1.1 M EUR from EIC Accelerator
- Looking for: 700.000 EUR















Why invest in us?

Good Investment Return = approx. 3-5 years

- MyCol.si
- Among top 5 smart label solutions is the world (StartUp Insight)
- High replicability potential in other industries
- Strong team with very high cumulated knowledge base









