Soulmates Ventures Impact Report

Year 2022

2º



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Table of contents



Aftereffect of climate change	8
Our contribution to sustainability	9
VC accelerator Soulmates Ventures	10
Soulmates Ventures portfolio startups	11
Dealflow in the last 12 months	12
Important numbers of Soulmates Ventures	13
Our values	14
Sustainable Development Goals (SDGs)	16
SDGs in our startup ecosystem	17
Our startups	18
Perfect-Air	20
Precismo	26
Stimvia	32
Sensetio	38
Edlab	44
Challenge of planetary systems	52
Climate Objectives and Key Results (cOKR)	54
Next steps	59
People in Our Ecosystem	60

Foreword

Welcome to the first Soulmates Ventures Impact Report 2022. We've compiled this report as an aid to help us advance sustainability within our ecosystem.



By identifying, measuring and analysing these results will help us set new targets for the coming years.

> We believe that you can only manage and control what you can measure. Through applying specific sustainability metrics such as ESG, SDGs, SRI, ERP, SPT, LCA, etc., our goal is to integrate sustainability and reduce the emission footprint footprint of each of our startups and their products.

Soulmates Ventures is an accelerator and venture capital company, one that focuses on purpose-profit driven (PPD) projects and technology innovations. We work with startups that specialise in air, water, energy, mobility, education, health, food & agriculture and the circular economy, and help them develop into growing, scalable businesses. Working with the brand development studio, Made by Soulmates, and the sustainable incubator, endowment fund Green Innovation Academy, we're helping to build a more sustainable future for everyone. Our activities are currently based in the CEE region, with plans for future expansion into the rest of Europe and beyond.

the development of our annual sustainability,

As well as being within a decade that is crucial in terms of dealing with climate change, 2022 is a year hugely affected by the ongoing war conflict in Ukraine and reverberations from the global pandemic Covid-19. By 2030 we ideally need to reduce global emissions production by 50% if we are to meet the net-zero target by 2050.

A huge motivation for us is the amount of capital that was invested into PPD startups last year; 2021 saw record breaking amounts. Sustainability targets and commitments continue to create new market opportunities for emerging technologies, and the sustainability industry is currently the largest it's ever been in history.

Aftereffects of climate change

Extreme weather

Rising temperatures are likely to lead to further weakening of the polar vortex and therefore more frequent fluctuations to extreme temperatures and weather.

Sea level rise

With an increase of 1.5 °C, the world's average ocean level would rise at least 0.3 m above 2000 levels by 2100. At higher temperatures even 2 metres above 2000 levels by 2100.

Extreme heat waves

A 2 °C temperature rise will lead to more frequent and intense deadly heatwaves in some areas of the world each year.

Deforestation

A warming of 3 °C to 4 °C is likely to cause massive tree mortality in most of the rainforest and taiga forests.

Melting glaciers

A warming of 2 °C will lead to an ice-free North Pole in summer. With a 1.5 °C increase, it is likely that the ice cover will remain partially preserved in summer.

Permafrost

A warming of 2 - 3 °C can lead to a total collapse of the permafrost. This may result in methane emissions of 4 - 16 Gt CO2eq per year (10 - 30% of current annual emissions).

Coral reefs

At temperature levels above 1.2 °C, almost none of today's coral reefs will survive.

Increased frequency of floods

An increase in global temperature will lead to a more frequent occurrence of intense and extreme rainfall and flooding.

Golf stream

The rate of warming will affect the strength of the Gulf Stream. Simulations for different emission scenarios predict a 11 – 54% weakening of the current by the 2100.

El Niño

Global warming leads to more frequent and stronger heat episodes (El Niño). A rise of 1.5 °C is likely to lead to a doubling of the number of El Niño phases.



Our contribution to sustainability

Our contribution to sustainability is by growing the startups we invest in. Through our acceleration program and the trust of our investors, we're creating an envrionment for evolving innovative and sustainable companies throughout the CEE region.

Purpose-Profit Driven Startups

We believe that purpose-profit driven (PPD) startups are key in delivering needed products, sustainable targets and scalable business models. This type of company creates a great landscape for solving a certain problem, on a long-term horizon, at a global scale.

Our acceleration programs provide PPD startups with a maximum efficiency of time and resources, helping them grow from their seed stage into securing their next investment round with a late-stage investor. We want to give the world more options when it comes to result-driven products that fight climate change and other global problems. Our startups will help us achieve a net-zero economy, working towards a more sustainable, healthy living.

Sustainabilityoriented Investors

Investors are starting to understand that sustainable investing is becoming the biggest investment opportunity of the 21st century. We help startups show their potential to succeed, given the right funding.

We need to find zero-emissions solutions to decarbonize every aspect of global economies, and our way of living, to reach the net-zero emissions 2050 target. To reach our global target, global investments into sustainability technology needs to increase by 3x, to around \$4 trillion a year, by 2030 (IEA). We help interested investors reach relevant startups, working towards net-zero emissions goal.

VC accelerator **Soulmates Ventures**

Portfolio valuation as of 01. 04. 2022	€107M	
Own assets as at 01.04.2022 — 71 % increase in 7 months	€3,6M	
Number of startups invested in the Czech Republic	>	5/5
Number of purpose-profit driven startups invested in	>	5/5
Number of startups in acceleration	\rangle	4/5
Distribution of projects by startup development stage	>	Seed: 4 Series A: 1

Eight streams in which we invest and accelerate bold ideas:



Portfolio startups



The most accurate sensors and digital network of real-time air quality data.

sensetio

A patented method and technology based on scientific measuring of the intensity of emotional reactions.

PRECISMO

A more sustainable delivery path in e-commerce, entertainment and more, through the most advanced 3D models for VR/AR.



Dealflow in 2021

Investment information

12

Minimum initial investment	>	€125k
Maximum investment horizon	>	10 yrs.
Minimal investment horizon	>	3 yrs.
Average investment amount	>	€1M
Applications for investment	>	200
Entry criteria met	>	40
Investment opportunities	>	€56M
Pre money valuation	>	€533M
Selected for DD	>	30
Investment opportunities	>	€37M
Pre money valuation	>	€493M
Signed ISHA	>	5
Valuation	\rangle	€107M
Startups currently in the DD process	>	9

Important numbers

Number of SDGs that with our startup ecosy

Number of people we our portfolio startups

Percentage of wome in our portfolio startu

Number of startups in portfolio linked to GH

Number of startups the address a hardware

Sustainability metrics:

цt

*Metrics are intertwined with analysis and the division is for simplicity only.

t are associated ystem	>	15/17
orking in	>	60
en working ps	>	31 %
n the IG reduction	>	3/5
hat also product	>	5/5

Management
 Sustainability Strategy and Sustainable Performance Targets (SPT-sustainable KPIs)
• Impact/Purpose management – SDGs
 Sustainability measurement, rating, reporting, management and certification
• Emissions Reduction Potential (ERP) and Potential Climate Return on Investment (pCROI)

Our Values

Decency

Expertise

Efficiency

Stability

Momentum

Trust



Soulmates Ventures **Sustainable Development Goals**

Methodology used

We identified 15 of the 17 Sustainable Development Goals (SDGs) that are related to the purpose and impact of Soulmates Ventures and the startups in our portfolio.

From the 15 selected SDGs, we picked specific goals, with measurable indicators created by the UN, that will track our progress and navigate us during further development.



Sustainable Development Goals (SDGs) and their specific targets to which Soulmates Ventures' vision, strategy and activities are linked:

3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	7 CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES
Tar. 3.9	Tar. 4.4	Tar. 5.1 Tar. 5.5	Tar. 7.1 Tar. 7.2	Tar. 8.1 Tar. 8.2 Tar. 8.3 Tar. 8.4 Tar. 8.8	Tar. 9.3 Tar. 9.4 Tar. 9.5	Tar. 10.5
11 SUSTAINABLE CITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 GLIMATE ACTION	14 LIFE BELOW WATER	15 UFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS
Tar. 11.6	Tar. 12.2 Tar. 12.5 Tar. 12.8	Tar. 13.2 Tar. 13.3	Tar. 14.1 Tar. 14.3	Tar. 15.3 Tar. 15.5	Tar. 16.1 Tar. 16.4 Tar. 16.5 Tar. 16.7	Tar. 17.7 Tar. 17.14 Tar. 17.16

dir d the SDGs. . Beyond in the S tivities. chosen goals full tivelv Ş itively which we pos activities. SDGs *We aimed influence



Our Startups

Perfect-Air Precismo Stimvia / Tesla Medical Sensetio Edlab



Perfect-Air



Stream	>	Air
Latest investment round	>	Seed
Number of people involved in the project in 2021	>	11
Percentage of women in the team	>	18 %

Purpose of the startup

Perfect-Air's purpose is to improve people's health by providing accurate, real-time and local air quality information so they can make quality decisions about their health. By providing millions of people suffering from respiratory illnesses and allergies with Perfect-Air technology, it can reduce their need for medication, alleviate symptoms of illness, speed up potential treatment and significantly improve their quality of life.

Today, Perfect-Air technology is mainly used by schools, municipalities, cities, research teams, companies and people with respiratory and cardiovascular problems or developers of IoT and other smart devices. Thanks to hyperlocal mapping of the current state of the air, they can make informed decisions about daily activities, determine the ideal time to ventilate rooms, time walks or systematically improve the health of people in the workplace, schools and home, which will also translate into lower healthcare costs.



Startup solution / technology

Perfect-Air works by calibrating the data from the original stations with data from satellites and other global sources. The entire system is based on the incorporation of a unique algorithm using elements of artificial intelligence. It is the already mentioned hyperlocality and realtime data that are the biggest added value compared to the competition. Few solutions, even on a global scale, monitor PM2.5 and PM10 with such geographical accuracy.

Currently, the outdoor stations can monitor PM2.5 and PM10, NO2, SO2, pollen, pressure, humidity and temperature. Indoor stations can track CO2 concentrations. Soon the stations will measure the next air elements and the recorded values will indicate the presence of aspects like fires or fertilizers. Thanks to the simplicity and intuitiveness of the upcoming solution, anyone who wants to what breaths will be a customer of Perfect-Air in the future.



Perfect-Air



"By efficiently using capital we were able to match competitors in environmental data provision and increase our valuation from €200k to €4.4M in just a few months in 2021."

doc. RNDr. Martin Malčík, Ph.D. — founder

Achieveme in 2021

Closing an investment round

Article in CzechCrunch

Build Perfect-Air app

Acceleration of Perfect-Air:

- Brand strategy
- Messaging
- Website
- Software development heat
- Expanding the portfolio
- of measured elements
- Mobile app (android/ios)
- Building data centers for heat
- API integration

– Algorithm for combining

datasets – calibration with sate – Air quality history and forecas animation

otal finding	Perfect-Air 880K EUR	BreezoMeter 45M EUR	6,4M EUR	PlanetWatch 12,6M EUR
Air Quality	YES	YES	YES	YES
Pollen	YES	YES	NO	NO
ddb	YES	YES	YES	YES
Sensor	YES	NO	YES	YES
API	YES	YES	YES	YES

ents	Plans for close future
	Acquire new investment round
	Update the algorithm with neural – network and Al involvement: – Increase measurement accuracy
	Build community and brand in area of air quality
map	Build a full-fledged startup with a team of 5-8 people
	Launch a new version of the paid app with new features
Imap	Integrating sustainability within the startup business and operations, and creating a sustainability strategy
llites st	Collaborate on the use of environmen- tal data and smart devices with other companies and entities



Sustainable Development Goals (SDGs)

3 GOOD HEALTH AND WELL-BEING	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	11 SUSTAINABLE CITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION
Tar. 3.2 Tar. 3.4 Tar. 3.8 Tar. 3.9	Tar. 8.1 Tar. 8.2 Tar. 8.3 Tar. 8.5 Tar. 8.8	Tar. 9.1 Tar. 9.3 Tar. 9.4 Tar. 9.5	Tar. 11.2 Tar. 11.5 Tar. 11.6 Tar. 11.7	Tar. 12.4 Tar. 12.6 Tar. 12.8	Tar. 13.1 Tar. 13.1 Tar. 13.1

*Chosen SDGs are selected based on the potential impact that startup's technology can have on specific areas.



Environmental, Social and Governance Analysis (ESG)

Environmental		12 / 28		Number of stations currently in use:
Social			11/32	– Indoor / Outdoor
Go	overnance		21/36	Regions where Perfect-Air measures quality
	Assessment by ESG out	tcome		Elements that Perfect-Air measures
Outcome			Proportion of maximum score available	Number of active app and heatmap users: – Number of people with diseases
Е	Carbon emissions redu	uced	25 %	Historical number of app
	Air pollution is reduced Resource efficiency		33 %	and heatman users
			50 %	
	Sustainable procureme	ent	60 %	Number of patients who have
S	Parental policy		33 %	confirmed that the technology
	Measuring diversity Encouraging diversity & inclusion		33 %	improves their life in terms of respira-
			17 %	tory or cardiovascular problems
	Staff wellbeing		50 %	Number of activities scheduled
	Working with communit	ty	50 %	through the app
G	Board oversight		83 %	Measurement accuracy and locality
	Fair and equal pay		50 %	
	Cyber security contro	ols	67 %	Number of schools, health care
	Health & safety		50 %	facilities, businesses, social and
Corporate policy 44		44 %	public facilities that use the station	
ESG_VC Measurement by ESG Outcome				

Environmental		12 / 28		Number of stations currently in use:	
Social		11/32	– Indoor / Outdoor		
Go	overnance		21 / 36	Regions where Perfect-Air measures quality	
	Assessment by ESG ou	tcome		Elements that Perfect-Air measures	
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	Resource efficiency		50 %		
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G	Board oversight	Board oversight		Measurement accuracy and locality	
	Fair and equal pay		50 %	· · · · · · · · · · · · · · · · · · ·	
	Cyber security contro	ols	67 %	Number of schools, health care	
	Health & safety		50 %	facilities, businesses, social and	
	Corporate policy 44 %		44 %	public facilities that use the station	
ESG_VC Measurement by ESG Outcome			Outcome		



Startup Purpose Indicators

Parental policy

Precismo



Stream	>	Mobility
Latest investment round	>	Series A
Number of people involved in the project in 2021	>	10
Percentage of women in the team	>	20 %



Purpose of the startup

One of the goals for startup Precismo is to increase the efficiency of the e-commerce sector, reducing its negative impact on the environment. Their technology makes it possible to reduce the wastefulness of goods; packaging materials; transport; overproduction and related greenhouse gas emissions, improving the economic health of companies as well as their overall sustainability. Using a unique technology that transforms real objects into a digital environment, Precismo's 3D models can be used in AR and VR technology. By mathematically describing the object, digital duplicates of products are created, with a lower digital carbon footprint than traditional digital media.



Startup solution / technology

The more expensive a product is, the more attention and time a customer will devote to selecting it. 'Visual experience' is an important part of the buying process. Particularly when it comes to products such as clothing, footwear or electronics, it is common practice for customers to order and try on items, to view the goods in detail. If the product subsequently fails to meet expectations, it is then sent back, creating unnecessary waste and carbon emissions. Thanks to Precismo's technology, customers can zoom in on the product any way they want on their electronic devices, including smartphones, rotate it at will and see every detail. The better the viewing experience, the greater the chance of a confident purchase and a reduction in return rate, and therefore the carbon footprint.





"After three years of development, we launched the business in Q2 2022 and achieved a turnover of €74k in the first month."

"In 2022, we were selected by the prestigious portals as 10 exceptionally promising startups in CZ for 2022 by EU-Startups and as TOP 5 global startups advancing 3D scanning by StartUs-Insights."

Mikoláš Herskovič — founder



Achieveme in 2021

Doubling the valuation

New AI & web-viewer versions

Acceleration of machine learni

Scanning device price/ scalability optimization

Speeding up the scanning process

Acceleration:

- Website
- Pitchdeck
- Pitch to Startup disrupt

Article on CzechCrunch, TOP 10 Hot
 Czech Startups for 2022 (EU-Startups),
 TOP 5 Advancing Scanning Startups
 Worldwide (StartUs-Insights),
 15 Top 3D Technology CZ Startups
 (Beststartup.eu)



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ents	Plans for close future				
	Increasing the size of the sales team				
na	Business expansion within Europe and preparation for expansion into the US				
	Technology entry into the metaverse platforms				



Sustainable Development Goals (SDGs)

8 ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	11 SUSTAINABLE CITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE
Tar. 8.1 Tar. 8.2 Tar. 8.3 Tar. 8.4 Tar. 8.5	Tar. 9.2 Tar. 9.3 Tar. 9.4 Tar. 9.5	Tar. 11.6	Tar. 12.1 Tar. 12.2 Tar. 12.5 Tar. 12.6	Tar. 13.2

*Chosen SDGs are selected based on the potential impact that startup's technology can have on specific areas.



Environmental, Social and Governance Analysis (ESG)

Environmental		11/28	Reduction of the return rate of goods	
Social		13 / 32	in e-commerce:	
vernance		21/36	 Reduction of the emission tootprint for excess transport 	
Assessment by ESG ou	tcome		 Reduction of the emission footprint for excess packaging material 	
Outcome		Proportion of maximum score available	Reduction of the digital emisison footprint	
Carbon emissions red	uced	25 %	Reduction of energy intensity for	
Air pollution is red	uced	33 %		
Resource efficiency		75 %	Improving the buying decision	
Sustainable procurement		38 %	process for customers	
Parental policy		33 %	The amount of trades made through	
Measuring diversity		33 %	Presieme technology	
Encouraging diversity & inclusion		17 %	Number of online retailers using	
Staff wellbeing		50 %	Precismo technology	
Working with communi	ty	75 %	i rooionie rooinielogy	
Board oversight		83 %		
Fair and equal pay		50 %		
Cyber security contr	ols	67 %		
Health & safety		50 %		
Corporate policy		44 %		
ESG_VC Measurement by	/ ESG	Outcome		
Carbon emissions 90 % reduced 68 % 45 % 45 % 0 % 0 %		Resource efficiency Parental policy		
	vironmental cial overnance Assessment by ESG our Outcome Carbon emissions red Air pollution is red Resource efficiency Sustainable procurem Parental policy Measuring diversity Encouraging diversit & inclusion Staff wellbeing Working with communi Board oversight Fair and equal pay Cyber security contro Health & safety Corporate policy ESG_VC Measurement by Carbon emissions reduced 68 x 45 x alth aafety Carbon emissions 90 x Carbon emissions 90 x Carbon emissions 90 x 00 x 00 x 00 x 00 x 00 x 00 x 00 x	vironmental cial cial vernance Assessment by ESG outcome Outcome Carbon emissions reduced Air pollution is reduced Resource efficiency Sustainable procurement Parental policy Measuring diversity Encouraging diversity & inclusion Staff wellbeing Working with community Board oversight Fair and equal pay Cyber security controls Health & safety Corporate policy ESG_VC Measurement by ESG	vironmental 11 / 28 cial 13 / 32 overnance 21 / 36 Assessment by ESG outcome Outcome Proportion of maximum score available Carbon emissions reduced 25 % Air pollution is reduced 33 % Resource efficiency 75 % Sustainable procurement 38 % Parental policy 33 % Measuring diversity 33 % Encouraging diversity 17 % & inclusion 50 % Working with community 75 % Board oversight 83 % Fair and equal pay 50 % Cyber security controls 67 % Health & safety 50 % Corporate policy 44 % ESG_VC Measurement by ESG Outcome Carbon emissions 90 % reduced 45 % Parental policy 90 % Parental Parental policy Parental policy Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parental Parent	

Ēn	vironmental		11/28	Reduction of the return rate of goods
Social		13 / 32	in e-commerce:	
2	Worpapoo			- Reduction of the emission tootprint
50			21/30	- Reduction of the emission footprint
	Assessment by ESG out	tcome		for excess packaging material
	Outcome		Proportion of maximum score available	Reduction of the digital emisison footprint
	Canhan amiagiana nad	uaad	25. %	Reduction of energy intensity for
C	Air pollution is red		20 %	3D scanning and modulation
-	Resource efficiency	uceu	75 %	Improving the buying decision
	Sustainable procureme	ent	38 %	process for customers
S	Parental policy		33 %	
	Measuring diversity		33 %	The amount of trades made through
	Encouraging diversity & inclusion		17 %	Precismo technology
	Staff wellbeing		50 %	Precismo technology
	Working with communit	ty	75 %	r recisino reciniology
G	Board oversight		83 %	
	Fair and equal pay		50 %	
	Cyber security contro	ols	67 %	
	Health & safety		50 %	
	Corporate policy		44 %	
	ESG_VC Measurement by	e ESG	Outcome	
He & Fa &	Carbon emissions 90 X reduced 68 X 45 X 45 X 0 X 0 X		Resource efficiency Parental policy	



Startup Purpose Indicators

Stimuia / Tesla Medical



Purpose of the startup

Stimvia's purpose is to bring relief to patients with overactive bladder (OAB) disease, improving their lives while reducing the burden on the environment. Stimvia achieves this through home-based, non-invasive neuromodulation, which replaces pharmaceutical drugs or undergoing surgery, with a more effective and safer treatment. Patients that use Stimvia technology have a lower need for diapers and thus a lower greenhouse footprint.



Stream	>	Health
Latest investment round	>	Seed
Number of people involved in the project in 2021	>	20
Percentage of women in the team	>	40 %

Startup solution / technology

Stimvia uses electroceuticals to treat OAB, which are a new class of treatment methods. These act on the target nerve circuits of organs using electrical impulses. Stimvia has created the neuromodulation system, which is a first-in-class device in clinically proven non-invasive electroceuticals technology of closed-system biofeedback treatments. Clinical trial data of a non-invasive method of treatment, using the technology developed by Stimvia, unequivocally prove not only the effectiveness of this treatment, but above all its higher safety compared to invasive methods.







Closing of the first VC investment

Launch of the company's rebranding project:

- Change of communication communication of URIS produ

Continued development of the new generation of URIS II

Development on software leve processes client data using AI

Long-term collaboration with m treatment entities in the field of

Advancing clinical trials in 202 - Successful clinical trials dem strate comparable results in te maximum effect for the patien significantly better safety com to drugs or treatment with boto injections or sacral neuromodu

Trademark registration of the St brand for the US market and Te Medical for the European market

ents	Plans for close future				
nt round	Lodating the website				
	Launch of commercial activities at B2B level				
octive	Setting up cooperation with insurance companies to cover Stimvia treatment				
	Setting up active communication of the benefits of Stimvia for patients,				
el, which	society and the environment				
	Full certification of the new product line				
urology	Development of cooperation with universities				
21: non- erms of at and pared pared px ulation.	Work on studies on the use of Stimvia technology to treat other diseases				
timvia esla					



Sustainable Development Goals (SDGs)

3 GOOD HEALTH AND WELL-BEING	6 CLEAN WATER AND SANITATION	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	11 SUSTAINABLE CITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE
Tar. 3.7 Tar. 3.8 Tar. 3.9	Tar. 6.3	Tar. 8.1 Tar. 8.2 Tar. 8.3 Tar. 8.4 Tar. 8.5	Tar. 9.3 Tar. 9.4 Tar. 9.5	Tar. 11.6	Tar. 12.2 Tar. 12.5	Tar. 13.2

*Chosen SDGs are selected based on the potential impact that startup's technology can have on specific areas.



Environmental, Social and Governance Analysis (ESG)

Environmental	
Social	
Governance	

	Assessment by ESG outcome	
	Outcome	P
		а
Е	Carbon emissions reduced	
	Air pollution is reduced	
	Resource efficiency	
	Sustainable procurement	
S	Parental policy	
	Measuring diversity	
	Encouraging diversity & inclusion	
	Staff wellbeing	
	Working with community	
G	Board oversight	
	Fair and equal pay	
	Cyber security controls	
	Health & safety	
	Corporate policy	

ESG_VC Measurement by ESG Outcome



Startup Purpose Indicators

22 / 28
24 / 32
33/36

oporti maxim score vailab]	on um Le
50	%
100	%
100	%
100	%
100	%
50	%
83	%
100	%
75	%
83	%
100	%
100	%
100	%
88	%

The number of patients treated for OAB and other chronic diseases using Stimvia technology in the context of business development activities

Number of hospitals and physicians using Stimvia in the context of business development activities

Number of patients successfully treated for OAB or other chronic conditions with Stimvia technology

Number of greenhouse gas emissions reduced by using Stimvia in the context of the volume of incontinence contraptions avoided to be used

Reduction in the negative impact of OAB-related medicines and drugs on the quality and condition of the environment

Sensetio

sensetio

Stream	>	Health
Latest investment round	>	Seed
Number of people involved in the project in 2021	>	9
Percentage of women in the team	>	22 %

Purpose of the startup

Patented psychodiagnostic method based on the measurement of the strength of the response of physiological functions induced by emotional reactions, which provides the user and the potential therapist or doctor with the possibility to obtain objective data on the emotional state of the individual. The purpose of Sensetia is to gain a deeper understanding of emotions, through which we will be able to improve the global quality of mental health.



Startup solution / technology

The person being measured obtains objective data about his or her current emotional state by measuring skin conductance and changes in heart activity. For monitoring, the startup uses a special computer mouse or a smart bracelet together with software for data evaluation. This information can be used to understand the events taking place in the person, to decipher, analyze and use it to their advantage, such as self-regulation during stressful situations or, conversely, calm exercises.





Achievements in 2021

Gain partnership project with Ca Ministry of Industry and Busines develop hardware, software and structure for big data processing - The goal is to find ways to use data to commercialize technolo for measuring emotions

Creation of the Sensetio GO mo app (already functional for And and a version for iOs is in the w

Creation of the My Sensetio des app, which functions as a self-d tic tool based on respondents' er impulses to specific pictograms

Sensetio Pro analytical software evaluates fluctuations in emotio can thus serve as an auxiliary to doctors, psychologists and psyc apists on how to work with emo-

3 ongoing projects with partners where Sensetio is used

Patent for measuring emotions through a computer mouse and work on device development

Establishment of the Emotion Research Institute – a joint project with MIT: - Establishment of high quality technical facilities for the work



zech	Launch of new website – senset.io					
s to d	Launching My Sensetio on the web					
g:	Creating a pitch-deck					
e big ogy	Determining a business plan based on commercialization potential					
obile roid orks)	New analyses using a combination of HRV and GSR physiological variables to measure emotions					
sktop liagnos- notional	Integrating sustainability within the startup business and operations, and creating a sustainability strategy					
e that ons and ool for chother- otions						
i						

sensetio

Sustainable Development Goals (SDGs)

3 GOOD HEALTH AND WELL-BEING	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	16 PEACE, JUSTICE AND STRONG INSTITUTIONS
Tar. 3.4 Tar. 3.6 Tar. 3.8	Tar. 8.1 Tar. 8.2 Tar. 8.3 Tar. 8.5 Tar. 8.8	Tar. 9.3 Tar. 9.5	Tar. 16.1

*Chosen SDGs are selected based on the potential impact that startup's technology can have on specific areas.



Environmental, Social and Governance Analysis (ESG)

En	vironmental		12 / 28	Number of active users
So	cial		15 / 32	Historical number of users
Gc	overnance		22 / 36	Number of medical institutions, universities, and other similar
	Assessment by ESG ou	tcome		institutions using the device
	Outcome		Proportion of maximum score available	Number of doctors, therapists, psychologists or coaches using the device
Е	Carbon emissions red	uced	25 %	Number of confirmed cases of
	Air pollution is red	uced	50 %	improved mental health by using
	Resource efficiency		75 %	Sensetio
	Sustainable procurem	ent	60 %	
S	Parental policy		33 %	Number of companies using
	Measuring diversity Encouraging diversity & inclusion Staff wellbeing		33 %	the device to improve employee
			33 %	mental health
			75 %	New ways of collecting, using and
	Working with communi	ty	75 %	presenting emotion data
G	Board oversight		83 %	Number of people using the device
	Fair and equal pay		50 %	to better manage stressful situations
	Cyber security contr	ols	67 %	or, conversely, to monitor the effective-
	Health & safety		75 %	ness of calm activities (meditation)
	Corporate policy		44 %	
	ESG_VC Measurement by Carbon emissions 90 % reduced 68 %	y ESG	Outcome	
He	alth	$\overline{}$	Resource	

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	Corporate policy		44 %	
	ESG_VC Measurement by	/ ESG	Outcome	
He	Carbon emissions 90 % reduced 68 %		Resource	



Startup Purpose Indicators

Parental

Edlab





Purpose of the startup

Edlab provides students and educators with world-class technology for data collection in science and infromatics education, and the subsequent interactive presentation of results and learning materials. The purpose of Edlab is to improve and streamline the learning process in science and engineering, thereby achieving better individual and expert literacy on issues such as the climate crisis, biodiversity, but also deep technology and IT.



Startup solution / technology

The equipment is used in many schools, in natural sciences and IT classes, using specialised probe kits, sensors and accessories. When Edlab devices are used in computer-assisted experiments, the teacher has the opportunity to visualize the learning material, thus enhancing the learning experience as well as the students' attention. Students have the opportunity to try out different elements of robotics, automation or environmental data measurement.







Achievements in 2021

About 1000 measuring sets have been sold so far

We have recruited more than 300 school partners

Passage of school legislation that changes the concept of computer science education to include area such as automation, robotics, etc.

Increased compatibility of devices - Edlab is able to use globally used Arduino sensors



Plans for close future

	Setting up communication and branding for the possible involvement of Edlab in the IT classes in schools
,	Soulmates Ventures acceleration
t	Opening next investment round
er as	Developing new methodologies on how to use Edlab technology in the classroom
es:	Hardware development – adding a plant greenhouse and other elements for creating a computer- driven ecosystem
	Establishing more collaborations with schools
	Creating a table where the slide-out display and Edlab measurement suite would be inside with central control at the educator's desk – hybrid class- room – Ministry of Environment project
	Integrating sustainability within the startup business and operations, and

creating a sustainability strategy



Sustainable Development Goals (SDGs)

4 QUALITY	8 DECENT WORK AND	9 INDUSTRY, INNOVATION	10 REDUCED	13 CLIMATE
EDUCATION	ECONOMIC GROWTH	AND INFRASTRUCTURE	INEQUALITIES	ACTION
Tar. 4.1 Tar. 4.3 Tar. 4.4 Tar. 4.5 Tar. 4.7	Tar. 8.1 Tar. 8.2 Tar. 8.3 Tar. 8.4 Tar. 8.5	Tar. 9.3 Tar. 9.4 Tar. 9.5	Tar. 10.3	Tar. 13.2 Tar. 13.3

*Chosen SDGs are selected based on the potential impact that startup's technology can have on specific areas.



Environmental, Social and Governance Analysis (ESG)

Environmental		13 / 28	Number of educational and research		
Social			15 / 32	institutions that that use Edlab technology	
Go	overnance		23 / 36	Number of active users of the device	
	Assessment by ESG ou	tcome		Historical number of users	
	Outcome		Proportion of maximum score available	Percentage of educators actively using the technology	
E	Carbon emissions red	uced	25 %	Number of classroom materials offered by the technology	
	Resource efficiency Sustainable procurem	ent	75 % 60 %	Number of students whose proficien- cy in a particular subject matter has	
S	Parental policy		33 %	improved (testing methods)	
	Measuring diversity		33 %	Compatitivanass of the Czach	
	Encouraging diversit & inclusion	У	33 %	Republic in terms of natural sciences	
	Staff wellbeing		50 %	and IT literacy in industry 4.0	
	Working with communi	ty	75 %	Number of students applying	
G	Board oversight		83 %	for technical fields	
	Fair and equal pay		50 %		
	Cyber security controls		67 %		
	Haalth & aafaty		75 %		

	Assessment by ESG outcome	
	Outcome	Pr of
		a
E	Carbon emissions reduced	
	Air pollution is reduced	
	Resource efficiency	
	Sustainable procurement	
S	Parental policy	
	Measuring diversity	
	Encouraging diversity & inclusion	
	Staff wellbeing	
	Working with community	
G	Board oversight	
	Fair and equal pay	
	Cyber security controls	
	Health & safety	
	Corporate policy	

ESG_VC Measurement by ESG Outcome



Startup Purpose Indicators

		_
oporti maxim score /ailab]	on um Le	
25	%	
50	%	
75	%	
60	%	
33	%	
33	%	
33	%	
50	%	
75	%	
83	%	
50	%	
67	%	
75	%	
44	%	

come	
5	
Resource efficiency	
Parental	
iversitv	



Challenge of planetary systems

The nine planet systems which are defined by wellknown climate scientist, Johan Rockström, as the major natural pillars that hold our planet at the level of stability necessary for human prosperity. Unfortunately, most of these boundaries are now at dangerous levels. At Soulmates Ventures, our long-term strategy is to support activities and projects that contribute to the stabilisation of these planetary systems.

SAFE

SAFE

Ocean acidification

About a quarter of the CO2 that humanity puts into the atmosphere eventually dissolves in the oceans where it increases acidity of the water. This in turn makes it difficult for corals and fish species to survive, changing the dynamics of ecosystems and drastically reducing fish stock.

Stratospheric ozone depletion

The ozone layer filters out ultraviolet radiation from the sun; the smaller the ozone layer, the more dangerous UV radiation reaches Earth. Exposure to this radiation can cause fatal damage to human health, as well as terrestrial and marine biological systems.



Atmospheric NOT QUANTIFIED aerosol loading

Aerosol pollution in the atmosphere, and increased levels of dust and smoke, is creating premature deaths (7 million) and health issues due to air pollution exposure. The planetary atmospheric aerosol boundary shows the influence of this pollution. Source: Stockholm Resilience Centre, Johan Rockströ

Chemical pollution and the release of novel entir

Toxic and long-lived substa ces such as plastics, pollu ants, heavy metal compounds and radioactive materials a having irreversible effects on living organisms, the climate and the environment

Land system change

Conversion of natural veget into farmland is causing se biodiversity loss and impac water flows and biogeochemi cycling. The boundary of la system changes must reflect only the quantity of land b its function and quality.

Loss of biosphere integrity

Changes to ecosystems have been more rapid in the last 50 years than ever before. increase in human activity the larger demand for food, water and natural resources is at a historical high.

DANGER	Nitrogen and DANGER phosphorus flows to the biosphere and oceans
n- t- re	Industrial and agricultural processes have majorly altered cycles of nitrogen and phospho- rus which are essential elements for plant growth. Application of fertilisers is a particular concern, as when these chemicals reach the sea they cause marine and aquatic damage.
DANGER	Climate DANGER change
ation vere ts on cal nd not ut	Production of greenhouse gases and emissions in the atmosphere are warming the planet, melt- ing glaciers and affecting ocean levels and acidity. If the 2°C limit is exceeded, irreversible and extreme weather changes can occur.
DANGER	Freshwater 1/2 DANGER USE
An and	Due to human land-use chang- es, river flows and vapour flows are changing and affecting the distribution of global freshwa- ter systems. Water is becoming increasingly scarce, by 2050 around half a billion people are likely to require water system intervention.

Climate Objectives and Key Results (cOKR)

Manufacturing & Industry

Reduce total industry-related emissions from 12 Gt to 4 Gt in 2050

- Steel / Reduce 3 Gt by 2050: Reduce the carbon intensity of steel production by 50% in 2030 and 90% in 2040.

 Cement / 2 Gt reduction by 2050:
 Reduce the carbon intensity of cement production by 25% in 2030 and
 90% in 2040.

- Other industries / 2 Gt reduction by 2050: Reduce emissions from other industrial sources (plastics, chemicals, paper, glass, aluminium) by 80% by 2050.

Food & Agriculture

Reduce total emissions from food and agriculture from 9 Gt to 2 Gt in 2050

- Farm soils land / Reduce 2 Gt by 2050: Improve soil health through practices that increase topsoil carbon content to at least 3%.

Fertilisers / 0.5 Gt reduction by 2050: Stop
 The overuse of nitrogen fertilisers by 2050
 and develop greener alternatives to reduce
 Engineered removal / 5 Gt reduction:
 Remove at least 1 Gt of GHG/year by 2030,
 3 Gt by 2040 and 5 Gt by 2050.

Consumption / 3 Gt reduction by 2050:
 Promote lower-emitting proteins and reduce annual beef and dairy consumption by 25% by 2030 and 50% by 2050.

- Rice / 0.5 Gt reduction by 2050:

Reduce methane and nitrous oxide production from rice cultivation by 50% by 2050.

Food waste / 1 Gt reduction by 2050:
 Reduce food waste from 33% of total food generated to 10%.



some of the goals, but

conceptualize and develop

there is still a need to

efforts to decarbonize

global systems.

Remove carbon

Reduce total greenhouse gas emissions by actively removing them at a rate of 10 Gt/year.

Nature-based removal / 5 Gt reduction:
 Remove at least 1 Gt of greenhouse gases / year by 2025, 3 Gt by 2030 and 5 Gt by 2040.

Climate Objectives and Key Results (cOKR)

Energy

Mobility

Reduce total power sector emissions from 24 Gt to 3 Gt in 2050

- Zero emissions / 16.5 Gt reduction by 2050: 40 – 50% of global energy will come from renewables in 2025, rising to 90% in 2035.

- Solar and wind energy: Solar and wind power is cheaper to build and operate than fossil fuels in 100% of countries in 2025.

Energy storage: Energy storage will be below \$50/kWh for short-term storage (4 – 24 hours) in 2025. For long-term storage (14 – 30 days) it will be below \$10/kWh in 2030.

- Coal and gas: No new construction of coal or gas plants after 2021. Existing plants will retire or convert to zero-emission operation for coal by 2025 and for gas by 2035.

Methane emissions / 3 Gt reduction by
 2050: By 2025, reduce the number of methane leaks and discharges, fracking and various accidents and unnecessary
 flaring at fossil fuel plants.

Heating and cooking / reduction
 of 1.5 Gt by 2050: Reduce gas and oil
 consumption for heating and cooking
 by 50% by 2040.

- Clean economy: Reduce dependence on fossil fuels and increase energy efficiency to quadruple the clean energy productivity rate (GDP + fossil fuel consumption) by 2035.

Reduce total transport emissions

from 8 Gt to 2 Gt by 2050

- **Price:** The price for an EV will be the same as a new internal combustion engine car.

- **Cars:** One out of every two new cars will be electric in 2030, with EV representation rising to 95% in 2040.

- Buses and trucks: All buses will be electric in 2025. 30% of medium and heavy trucks will be emission-free in 2030, rising to 95% in 2045.

- Miles / 5 Gt reduction: 50% of distance travelled by road vehicles will be electric in 2040. 95% in 2050.

– Planes / 0.3 Gt reduction: 20% of distance
flown will use low carbon fuel in 2025.
40% of distance flown will be carbon
neutral in 2040.

- Maritime / 0.6 Gt reduction: Shift all new construction to zero-emission ships by 2030.

Protect nature

Reduce total biodiversity-related emissions from 6 Gt to -1 Gt by 2050

- Forests / Reduce 6 Gt by 2050: Achieve emission-free deforestation by 2030; end destructive practices and logging in primary forests.

- Oceans / 1 Gt reduction by 2050: Avoid deep-sea trawling and protect at least 30% of the oceans by 2030 and 50% by 2050.

- Lands: Expand protected landscapes from 15% today to 30% in 2030 and 50% in 2050.

urce: speed & scale, John Doerr



Next steps



By analysing the current state of We want to create sustainability sustainability in our ecosystem, we development strategies that prepare now know the relevant areas to startups for the ongoing scaling address and improve in future for process. The goal is to increase the our portfolio. positive benefits and impacts, while reducing the negative impacts on soci-The specific metrics that we use show ety and nature. These strategies will investors and partner organisations reflect current scientific knowledge. our dedication to sustainability. The metrics that we work with provide To better define our climate commitrelevant non-financial data about the ments, we will analyze the emissions startup's impact on its environment footprint of each of our startups in and members in ecosystem in 2022. (ESG) and the future potential of its positive purpose and societal contri-Then we will propose concrete solubutions (ERP and SDGs). tions to actively reduce this calculated footprint, improving it for the entire Some of them are already used in ecosystem. processes today such as, during DD, startup analysis or acceleration; We intend to measure, evaluate, and ESG framework for startups, SDGs, record the development of sustainabil-Startup's Purpose Indicators, strategy ity achieved on a regular basis.

for product's impact.

Some will be launched this year, one of the main focuses on the Soulmates Ventures 2022 agenda.









