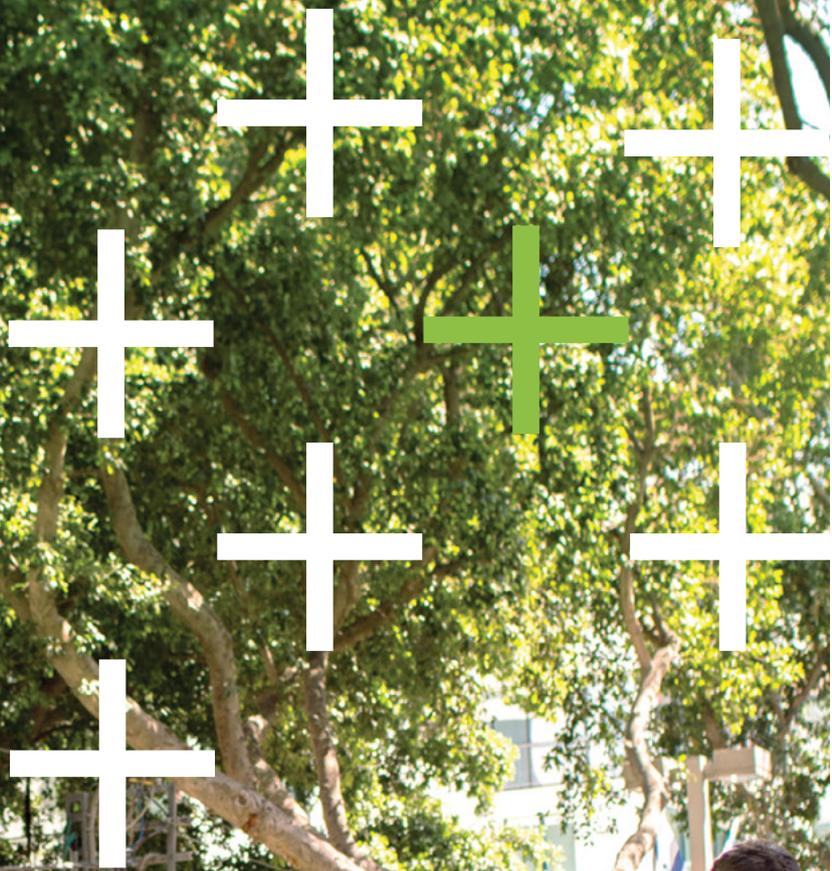


Annual Impact Report 2021



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About us.

Bridges Israel is an impact investment fund which invests in Israeli businesses to generate competitive financial returns alongside significant measurable social and environmental impact.

Established in 2018, we aim to inspire, generate and support commercial solutions to local and global societal and environmental challenges that benefit the underserved. Doing so we also strive to help mainstreaming Impact Investing in Israel and boost the Impact Tech ecosystem.

We at Bridges Israel believe that accelerating the transition to a more sustainable and inclusive economy is also a unique opportunity to create exceptional economic value. The businesses we back are the companies of the future: the companies people will want to buy from, work for and invest in over the next decade and beyond.

signatory of



Bridges Israel is committed to remaining at the forefront of best practice in responsible and impact investing. This year, we joined our UK affiliates, Bridges Fund Management and became a PRI signatory jointly. Bridges Fund Management were previously awarded the highest possible score of A+A+A+ in the annual PRI (Principles of Responsible Investment) assessment, putting the group at the highest rank of investment managers around the world. Together, we are committed to continue and demonstrate responsible investing best practices.



Bridges Israel is committed to help mainstream impact investing and be an active member of the impact investing ecosystem – driving knowledge transfer, sharing practices, training new talent and advocating for impact aligned policies. For that purpose, we are a proud member of the Global Impact Investing Network as well as the Israeli Forum for Impact Economy. In addition to our involvement in many academic institutions in Israel where we share our story and teach the practice of impact management, we also mentor Israeli teams in the international MIINT (MBA Impact Investing Network & Training) course and competition, held by the Wharton Business School.

2021 by numbers

12

Impactful investments

8

SDGs addressed

70%

of invested capital classified as Contributing to Solution

Over

260%

Average annual increase in our impact growth metrics

Over

214,900

Lives directly effected, annually

365_{tCO2e}

Avoided or sequestered by our portfolio products

42%

Women in managerial positions

744

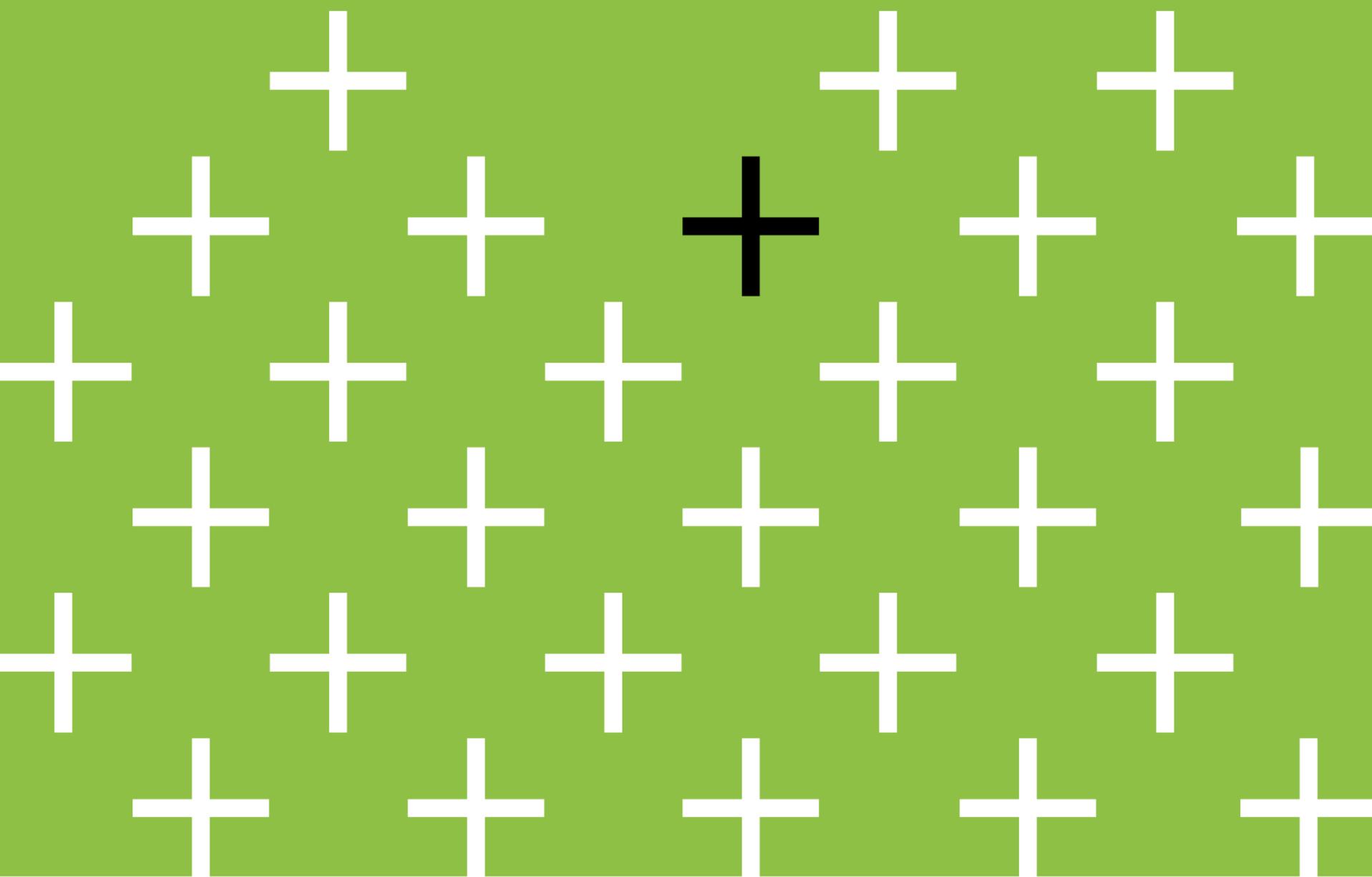
Employees in mission-driven businesses

Over

1.27M

Hectares converted into sustainable agriculture

Welcome to Bridges Israel's 2021 Annual Report



Introduction

Building a more inclusive, more sustainable economy

Our 2021 Annual Impact Report demonstrates how Bridges Israel is supporting the transition to a more sustainable and inclusive economy - against the challenges of the global pandemic that have profoundly affected almost every aspect of our professional and personal lives. 2021 also brought increasing recognition of the climate crisis. It is clear that we are nearing a tipping point in many aspects of our planetary and community boundaries.

We are encouraged by the Israeli ecosystem which seems to be gradually gearing up to take the necessary actions. This year we saw increased attention from regulators both to ESG and impact, an increase in tech companies targeting impact goals and an overall sense of urgency driven by the coverage of the crisis around COP26.

In 2022 we will continue to invest in solutions to address the most pressing social and environmental challenges and support the efforts to mainstream impact investing.

This report shows the great achievements of our impactful portfolio. We hope this will inspire you, too.

Thank you for joining us,

The Bridges Israel Team.

We deliver better returns because of Impact

A pivotal year for impact investing

We, at Bridges, believe that the transition to a more sustainable and inclusive economy presents a unique opportunity for investors. The businesses we back are the companies of the future; those people will want to buy from, work for and invest in over the next decade and beyond.

We see our unapologetic impact approach as an advantage in today's markets. Our unique impact lens, which focuses on tangible solutions to real needs, enables us to detect and pursue opportunities that other funds might overlook. It therefore generates a proprietary deal flow.

In other cases, when we face competitive deals our impact approach often acts as an advantage, allowing us to win deals as management teams prefer investors that are aligned with their mission and values.

Finally, we see the added value generated by our impact management and strategic contribution. Our impact approach enhances our portfolio's value proposition to customers and generates impact-driven profits.

Impact and financial trade offs are yesterday's news, impact-driven profits are the future.

Why are Impact Companies the companies of the future?

Companies people want to:

Buy from

83%

of consumers think companies should proactively shape ESG best practices

20%

of consumers say they would be willing to pay a 10% premium for sustainable goods

Work for

86%

of employees prefer to support or work for companies that care about the same issues they do

25%

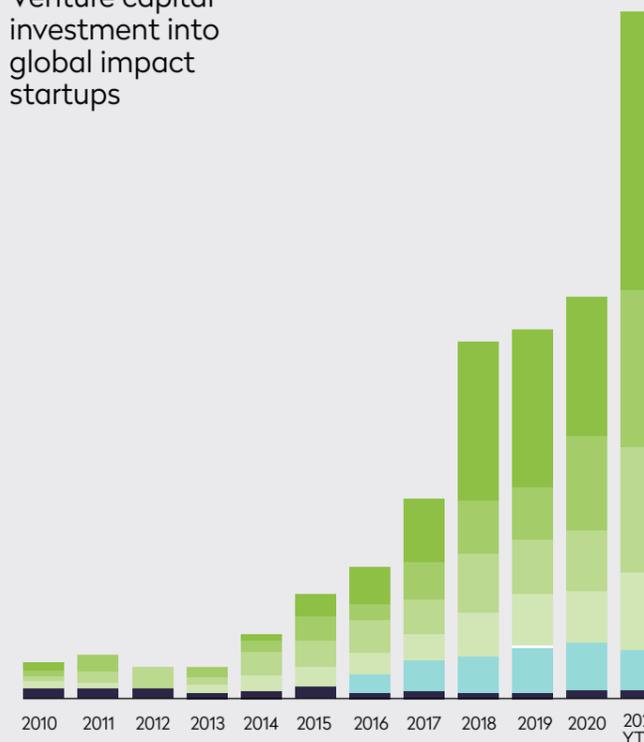
More candidates for impact start-ups compared with non-impact

40%

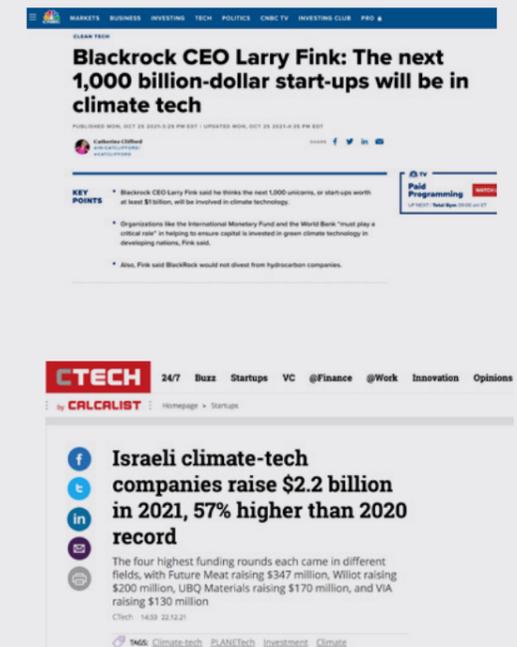
of Millennials state that sustainability was a consideration in their career choice

Invest in

Venture capital investment into global impact startups



Date from Dealroom, PwC and BCG reports



Climate Investing

It is a critical time
for climate action
the time to act in
now!

The recent IPCC report, the aftermath of COP26 in Glasgow and the already evident consequences of climate change reinforce the urgency for governments and businesses to act today to build a more resilient and inclusive economy.

Climate change is a crisis that requires a fundamental shift in prioritization. To ensure our long-term wellbeing it is painfully obvious that we need to go further, faster.

It is estimated that ~\$100-150T investment over next 30 years (\$3-5T/yr.) will be needed to reach net-zero emissions globally¹. As investors, we recognize our critical role in this effort.

In 2021 we have worked to define the pillars of Bridges' climate strategy. In 2022 we will continue to develop the strategy under each pillar, to set ambitious goals and to drive change.

Mobilizing capital to accelerate climate solutions

Our Sustainable Planet theme has always included climate at its core. 50% of the companies in our current portfolio have climate benefits. We are committed to continue and actively look for opportunities to finance climate solutions

Decarbonization of our investments

We are working to establish a bold reduction commitment to our scope 3, category 15 emissions (emissions of our portfolio companies). We are working to develop our climate investment strategy and procedures to support the reduction of our portfolio's carbon intensity.

Advocating for climate action

We are acting to promote climate policies and to promote climate finance among our peers, our investors and the local business sector.

Neutralizing the Fund's manager emissions

We are working to reduce emissions related to the Fund's manager operation. As a start, we have committed to become Carbon-Neutral and to explore a path to Net-Zero.

Climate-Smart Agriculture

Natural resources - including soil, water and biodiversity - are stretched dangerously thin, threatening the resilience of our food systems.

The challenge is exacerbated by agriculture's extreme vulnerability to climate change. Climate change is reducing crop yields, the nutritional quality of major cereals, and lowering livestock productivity.

The problem also works in reverse. Agriculture is a major part of the climate problem.

18%

of total GHG emissions is attributed to agriculture¹

1/3

of food produced globally is either lost or wasted²

Climate-smart agriculture needs to simultaneously achieve three outcomes:

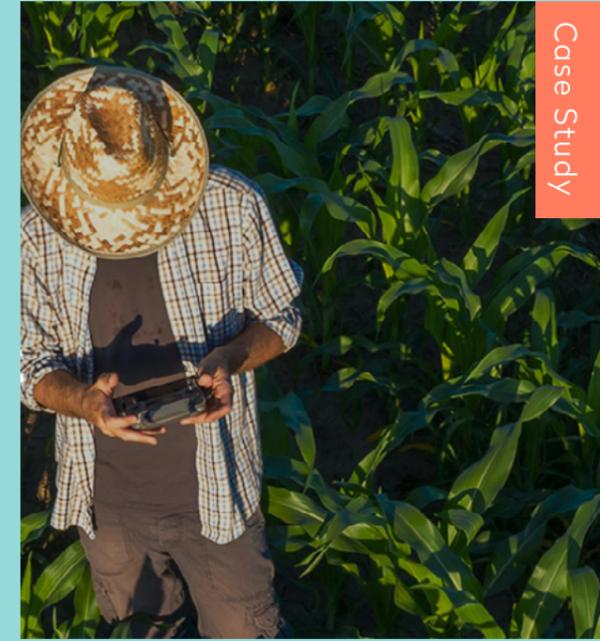
1. Increased productivity
2. Enhanced resilience and reduced vulnerability to climate-related risks and shocks;
3. Lower emissions for each calorie of food produced

1. Global GHG emissions by sector, OurWorldInData
2. World Bank. 2020. Addressing Food Loss and Waste: A Global Problem with Local Solutions. World Bank

Agritask Data-Enabled Agriculture Resilience

In the context of climate change and increased risk to agriculture production due to climatic shocks - agriculture insurance is critical for fostering financial resilience of small farms and food production. Data availability is crucial to enable the growth of insurance coverage. Ag insurers need to evaluate risks from complex, multidisciplinary datasets, including agronomy, climate, geography and others.

Agritask's Agronomic Intelligence platform allows insurers to evaluate ag-insurance risks, generate flexible and scalable insurance products and deepen insurance penetration.



Case Study

46.5K

Smallholder Farmers gained access to ag-insurance for the first time

N-Drip Revealing the climate benefits of gravity-powered micro-irrigation

Using the CoolFarmTool N-Drip assessed carbon emissions savings generated by shifting previously flood-irrigated cropland to micro-irrigation. On top of the water savings and improved yield benefits, N-Drip was shown to reduce up to 70% of GHG emissions per hectare, and 39% on average.

As ~85% of irrigated land is flood-irrigated, the GHG alleviation potential is incredible. With solution to both large-scale and smallholdings N-Drip can change agriculture forever.



39%

Reduction in GHG emissions

(based on case-studies, as measured using the CoolFarmTool)

The Future of Mobility

Accelerating clean transportation

The transportation sector contributes approximately one quarter of all energy-related carbon dioxide emissions. This figure is on track to reach one-third, growing faster than any other sector.

It is expected that half of global passenger-vehicle sales in 2035 will be electric¹ and that the electrification of transportation will have significant GHG benefits.

But electrification also has its price. Despite the exceptional benefits, today an EV's production emissions intensity is almost 80% higher compared with an ICE car. The use of metals such as Nickel, Magnesium and Cobalt is considered problematic, associated with human-rights issues at extraction and end-of-life adverse implications.

50%

New passenger vehicles will be electric by 2035²

Over

16%

of total GHG emissions is attributed to the transportation sector³



Case Study

Addionics Delivering Better Battery Performance

X2

accessible capacity

Improving battery performance can accelerate the electrification of transportation and reduce the negative effects of electric batteries.

50%

reduction in charging time

In January 2022⁴ Bridges Israel invested in Addionics. Addionics' smart 3D cell design will allow the next step-change in battery performance to enable a clean energy future. Addionics' low-cost drop-in solution creates a high-power, high-energy battery, without compromises. With up to a 150% longer lifetime, Addionics batteries also means significantly less waste and material use per energy unit.

Improved safety

150%

longer lifetime

1. "Why the automotive future is electric," McKinsey & Company
2. EPA, Fast Facts on Transportation Greenhouse Gas Emissions
3. Nature, Gene errors, electric cars - the week in infographics, August 2021
4. Addionics impact data is not included in this report

Blue Carbon

Marine ecosystems and oceans as a solution

The ocean covers 70% of our planet surface and drives its climate and biosphere. While much of the attention is rightfully focused on the problems that the ocean faces, the ocean is also a source of potential solutions.

Ocean-based mitigation options to reduce or sequester and store emissions offer significant potential to contribute toward the global effort to limit global warming.

A WRI report¹ concludes that scaling up ocean-based renewable energy and decarbonizing ocean-based transport offers some of greatest mitigation potential. Utilizing nature-based solutions, such as leveraging the ability of coastal and marine ecosystems to sequester and store carbon, also offers sizable mitigation potential. Restoration also yields climate change adaptation benefits by reducing the impact of storms during extreme weather events.

Ocean-based mitigation options could reduce GHG emissions by

4B
MTCO₂e

per annum
in 2030



ECONcrete Blue-Green Infrastructures

Efforts to transition to renewable energy have resulted in a nearly 30% growth in the offshore wind industry over the last 10 years. This growth represents a shift away from fossil fuels and towards meeting goals set by the recent COP26.

However, in an article published in "Energy Global" (Winter 2021), Dr. Ido Sella, ECONcretes' CEO, discusses an emerging problem: The gigantic offshore wind turbines require massive concrete foundations to remain upright and stable, which in turn can pose a serious threat to the marine ecosystem.

ECONcrete is a pioneering start-up delivering high-performance ecological concrete technology:

"By incorporating ecological concrete, instead of ordinary concrete, for all anchoring and maintenance procedures, the renewables industry can significantly reduce its overall environmental impact."

Renewable energy is a crucial factor in reducing carbon emissions, but we cannot do it at the cost of the marine ecosystem, otherwise we will only shift the problem, not solve it.

This concept was supported by [The Nature Conservancy's](#) recommendation of ECONcrete as a preferred solution in "Nature-Based Designs for Augmenting Offshore Wind Structures in the United States".

1. Hoegh-Guldberg, O., et al. 2019. "The Ocean as a Solution to Climate Change: Five Opportunities for Action." Report. World Resources Institute.

Advocating Climate Policy, Promoting Climate Tech and Advancing Best Practices



▶ **IMPACT HYPOTHESIS**



Bridges Israel joined PLANETech as an Investor member to support and build the innovation community for climate change technologies. We partner with PLANETech also in using the Impact Forecast Tool to articulate and forecast climate benefits of innovative technologies.

Bridges Israel is one of 733 investors managing US\$52 trillion, calling on governments to increase their climate ambition and implement robust policies to address the climate crisis ahead of #COP26.

Bridges Israel, together with our affiliates at Bridges Fund Management, are members of the IIGCC, a group of investors collaborating to take action for a low carbon future.

Bridges Israel is working with the BRI to develop a resource for the Israeli industry to advance carbon action – reduction and offsetting.

Carbon Reporting

This year we have measured the carbon intensity of the Bridges Israel portfolio. All companies were requested to provide data on their activity and this was modeled to provide us an indication of their scope 1 (direct) scope 2 (purchased energy) and scope 3 (indirect) emissions.

Following up on the assessment, companies were provided with practical reduction recommendations based on their individual emission profile.

In 2021, Bridges Israel's portfolio generated approximately 4,673¹ tons of CO₂-equivalent (CO₂e) greenhouse gas (GHG) emissions², of which 2,067 tons were direct emissions (Scope 1) and location-based emissions from the generation of purchased electricity, heat, steam or cooling (Scope 2). We have also collected data on indirect emissions occurring in the portfolio company value chain (Scope 3)³; these accounted for 2,606 tons.

This assessment relies on the group's carbon model that builds on the GHG protocol guidelines. While we oriented the assessment to capture material emission sources, we relied on data provided by the companies and estimate the results are an under-assessment, specifically for the scope 3 emissions.

¹ Calculated by Bridges using data provided by portfolio companies on fuel, energy, water use, business travel, shipping, cloud storage, and supply chain information. Conversion factors used are a combination of Israeli PRTR factors, conversion factors provided by the Department for Business, Energy & Industrial Strategy (BEIS) in the UK and other sources.

² Greenhouse gases (GHG) are a collection of seven main gases that have an impact on the earth's climate change: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFC), perfluorocarbons (PFC), sulfur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). The GHG Protocol has defined

three scopes of emissions. The scopes correlate to who 'owns' those emissions and the level of control applicable to changing those emission levels at each stage. Scope 1: GHG emissions directly from operations that are owned or controlled by the reporting company (Fuel combustion, company vehicles and fugitive emissions) Scope 2: Indirect GHG emissions from the generation of purchased or acquired electricity, steam, heating, or cooling consumed by the reporting company (Consumption of purchased electricity, heat or steam) and Scope 3: All indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream

emissions (purchased goods, materials and services, transport activities etc.). GHG emissions are measured in tons of CO₂ equivalents.

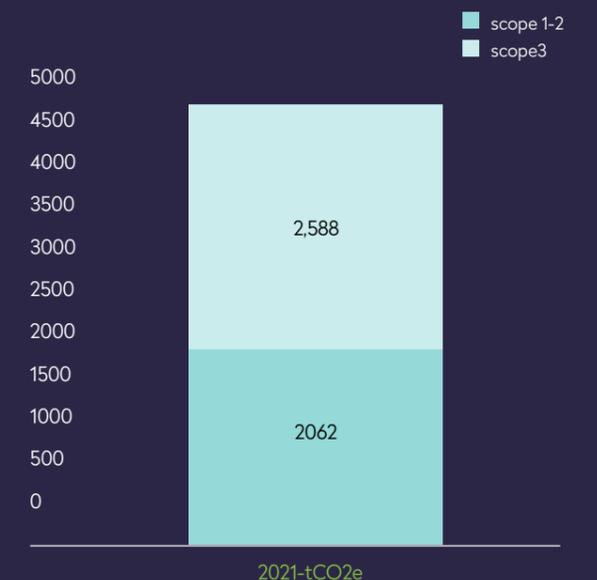
³ We rely on our portfolio companies to provide value chain emissions information. Where it is known to be material, companies have supplied data on business travel and other categories. It is likely that certain emissions in the Scope 3 categories have been underestimated and/or have not been reported. For one company in our portfolio, where data was not provided, we used the average carbon intensity (emissions per revenues) of our portfolio, to account for its emissions.

Agritask uses Net-Zero data centers

To exemplify climate stewardship and promote responsible computing power usage, Agritask chose to use data centers in Germany and Finland that run on renewable energy.



Bridges Israel Portfolio Emissions, 2021



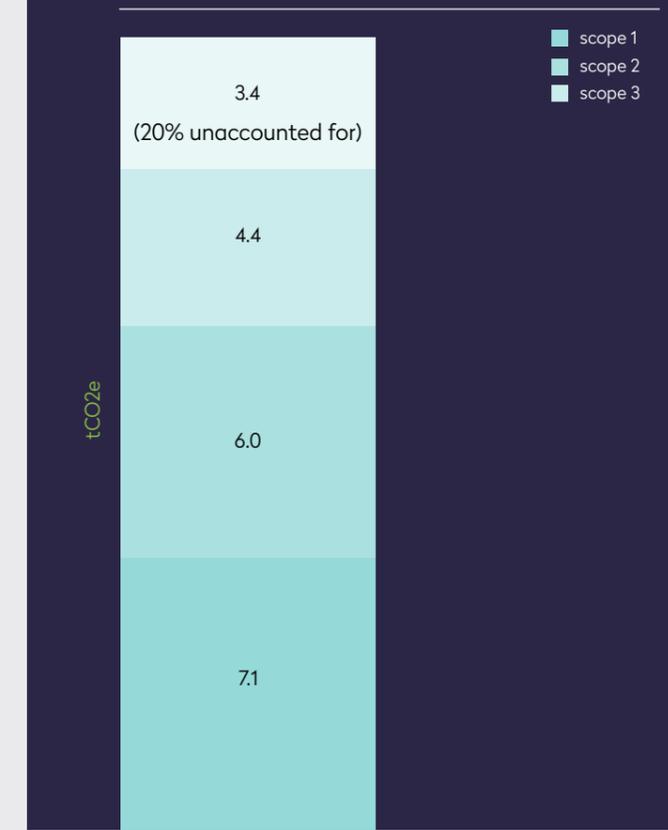
Carbon-Neutral Fund Manager

This year we have assessed the Fund's manager carbon footprint, using the group's carbon model¹. The Fund's operating emissions are estimated at around 20.5 tCO₂e. This assessment includes: Cars fuel consumption, purchased electricity, waste, business flights and employees commutes.

Our climate-friendly day-to-day practice includes:

- + Carpooling - we carpool for business travel. We use the ride for team updates!
- + Flexible hybrid work model
- + We recycle and share meal orders to reduce food waste.

With a lean operation like ours, reduction options are limited. Unfortunately, we only have limited capacity for electricity emission reductions as we currently have no renewable option available.



Bridges

While we will continue to work to reduce our emissions, in the meantime we have decided to offset our current emissions

1. This model captures what we think are material emission sources, however it is not verified by a third party. Conversion factors used are a combination of Israeli PRTR factors, conversion factors provided by the Department for Business, Energy & Industrial Strategy (BEIS) in the UK and other sources.

The VC & Tech Industry ESG Boom

ESG is part of Bridges' investment strategy. ESG and impact strategies both deal with social and environmental aspects of a business. While under an ESG strategy one typically has to act responsibly and avoid adverse affects, impact is about generating positive outcomes - solutions to unmet needs. As an impact investor we are very much focused on the benefits the businesses we back generate. However, net positive impact also mandates strong ESG performance. Our investment process includes ESG due-diligence and monitoring. Where needed, corrective actions are agreed as part of an ESG action plan.

This year we saw a blessed growth in interest in ESG adoption in the venture capital and tech industry. There's a growing understanding that venture capital is crucial in shaping the future of our people, planet and society. Several initiatives that support this trend caught our attention:



PRI launches venture capital collaboration to strengthen ESG take-up and publish a comprehensive Responsible Investment in Venture Capital report



a community-based non-profit initiative from VCs for VCs to push the industry on good ESG. Bridges is a member of this community.



IIA launches an ESG index for the high-tech industry. The index will gradually be assimilated into all of the Authority's funding mechanisms and will serve as a risk management tool for high-tech companies

ESG Highlights

100%

- of investees measure and report on Diversity & Inclusion KPIs
- of companies have an ESG action plan as part of the investment agreement
- of investments with ESG & impact language in TS and deal documents

3

Portfolio companies conducted gender pay-gap analysis

10

companies assessed their operational carbon emissions for the first time using Bridges' model.

Diversity and Inclusion



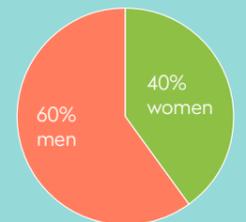
TailorMed was recognized as one of the top 10 performing health-tech companies in women's representation by Power in Diversity Israel

Investees	2018	2019	2020	2021
Women in managerial positions	33%	46%	45%	42%
Female employees	38%	43%	50%	43%
Female CEO's	0%	0%	10%	0%

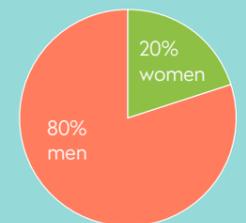
- Tech
- Private sector
- Bridges



Bridges investment Team

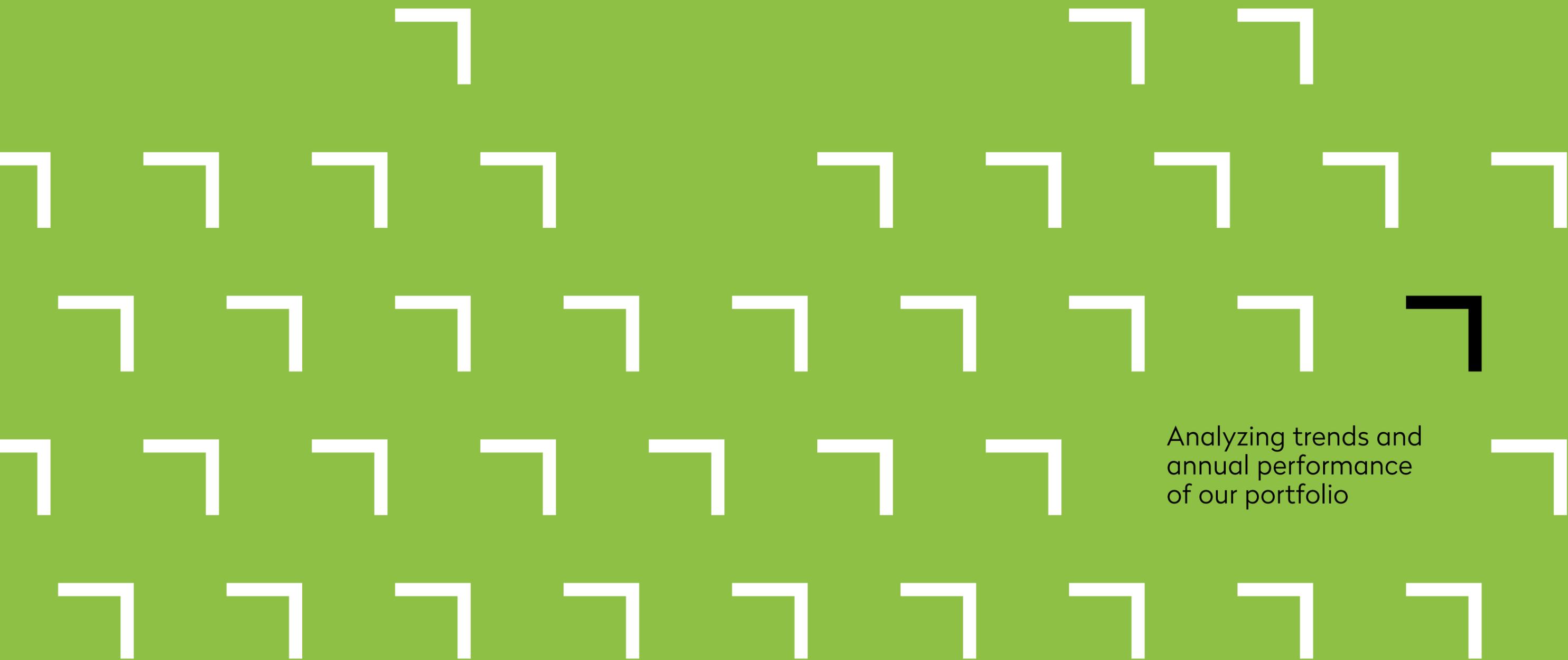


Bridges investment Committee



Statistical data from Women in Startups Report by Power in Diversity, the Van Leer Jerusalem institute and Ministry of Economy report

Portfolio-Level Impact



Analyzing trends and
annual performance
of our portfolio

Sustainability

Cleantech

kends ECONCRETE ^{New} ADDIONICS

Agtech

N-Drip ^{New} viridix Agritask

Health care

XRHealth TAILORMED bioT

Stronger communities

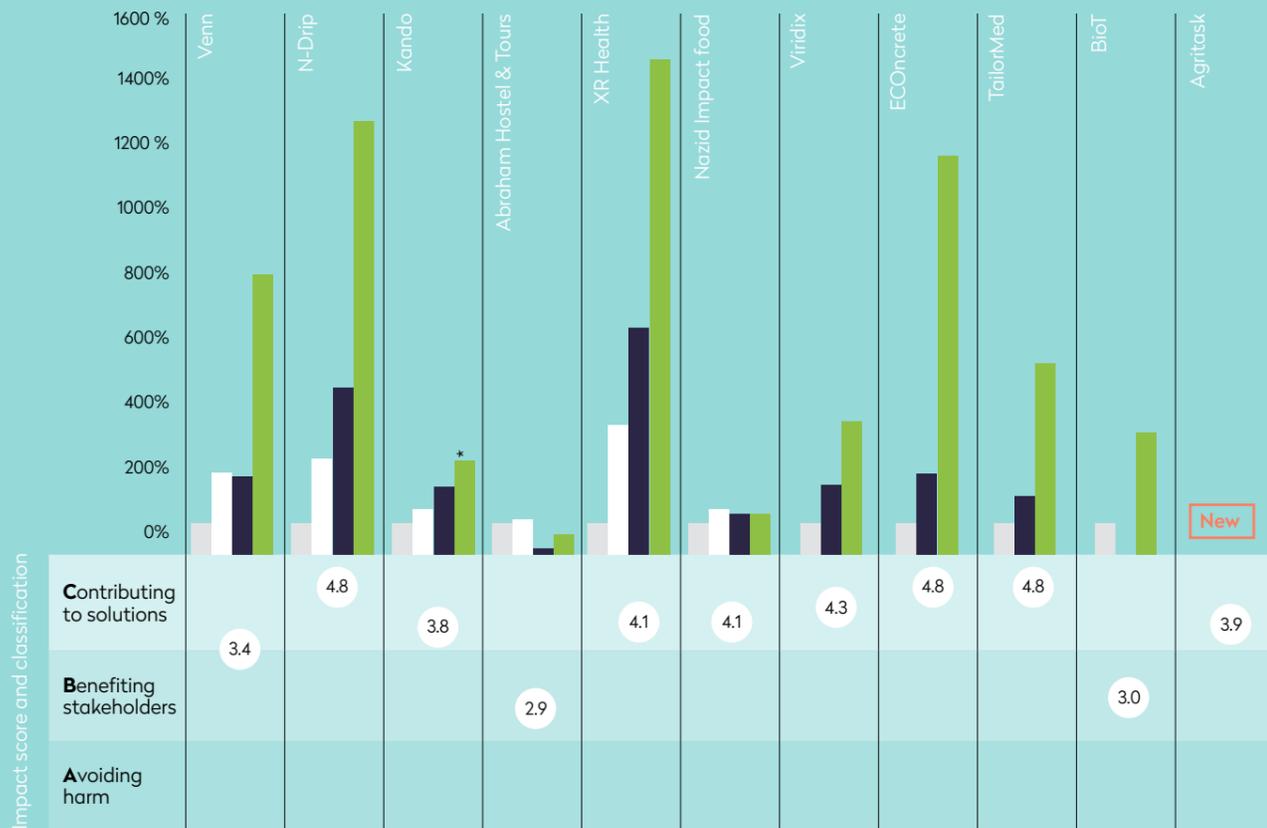
venn Abraham ^{אברהם - אברהם} נאזיד ^{NAZID}

Inclusion

Growing our Impact

The chart below shows how we've been improving on our key impact scale metrics over the past four years for every company in our portfolio:

■ Baseline
 ■ % Yield 2019
 ■ % Yield 2020
 ■ % Yield 2021



* Excluding covid detection application, which is not estimated by flow.

Portfolio company	Impact growth metric
Venn	Number of active community members
N-Drip	Hectares installed with improved water productivity
Kando	Total monitored wastewater flow (m3/day)
Abraham Hostel and Tours	Total number of guests
XR Health	Number of diagnostic and therapeutic XR sessions
Viridix	Hectares installed with improved water productivity
Nazid Impact Food	Number of underserved employees who are fairly employed
ECONcrete	m ² of ECONcrete bio-enhancing infrastructures
TailorMed	Number of chronic patients receiving financial aid
BioT	Number of patients using remote medical devices safely connected by Bio-T
Agritask	SHFs benefiting from agronomic data

439%

Avg. impact appreciation since investment

260%

Avg. YoY impact appreciation; 2020-21

(based on % of growth in key impact metric)

Demonstrating Lockstep

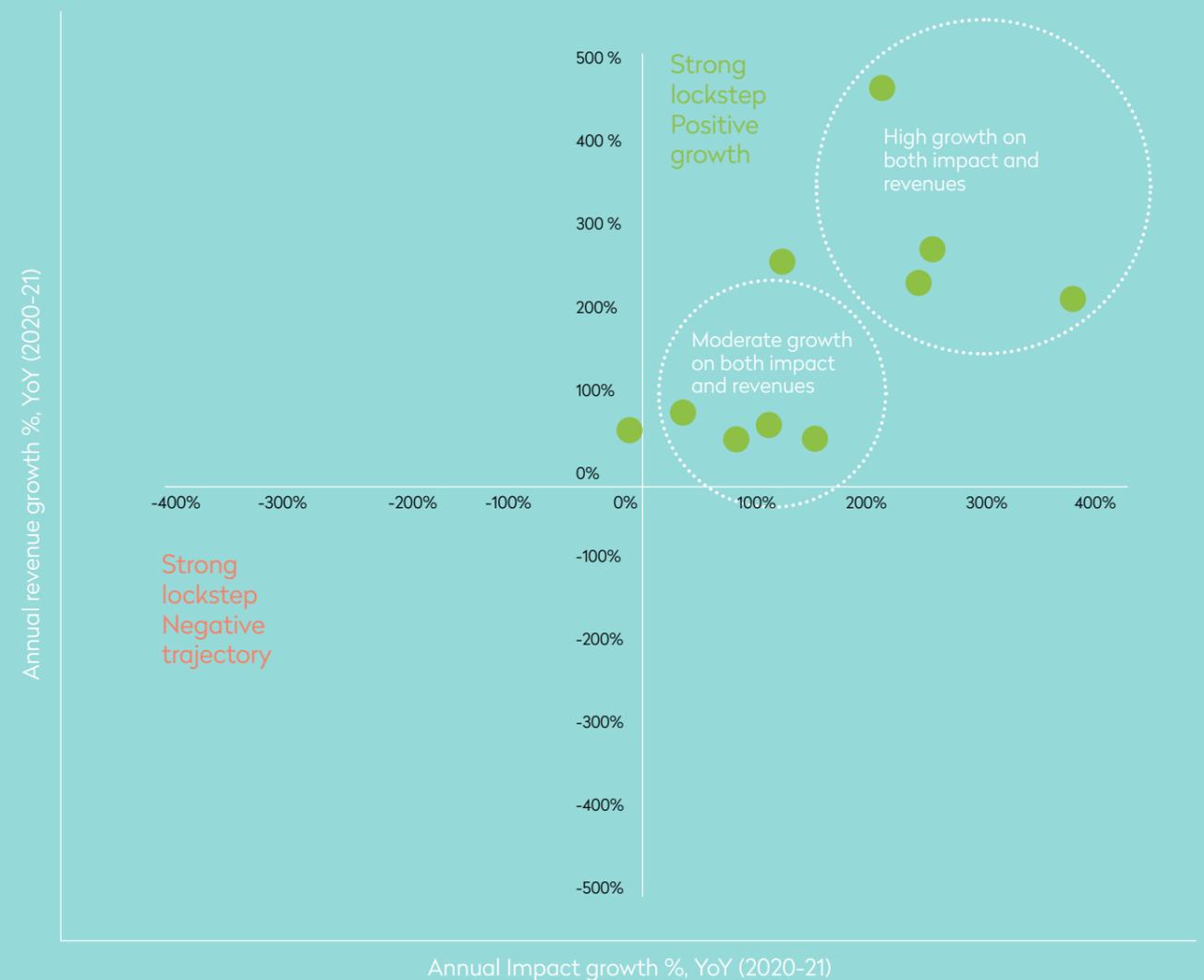
In each investment we seek a strong lockstep between the business and impact drivers.

We see that the correlation between financial success and the impact growth continues to be significant. In some cases, while the same business drives both impact and revenue generation, the exact growth rate might be slightly different.

In this chart we demonstrate the correlation between financial and impact drivers in our portfolio.

This is the second consecutive year in which we track the lockstep performance of our portfolio.

Revenue growth vs. Impact growth



Removing Financial Barriers to Care

TailorMed harnesses technology to improve the financial performance of healthcare providers and reduce the financial hardship for patients

Medical care in the U.S has become increasingly unaffordable. Health care costs in the US have risen faster than the Consumer Price Index for most of the past 40 years leaving many U.S. families struggling to pay their medical bills. The resulting 'Financial Toxicity' affects patients' resilience as well as clinically relevant outcomes, like medication adherence, quality of life and survival rates.

Founded in 2017, TailorMed provides an end-to-end financial navigation solution for healthcare

providers. The system integrates medical data, benefits investigation and cost predictions to identify relevant assist-programs and insurance optimization opportunities aiming to alleviate patients' financial burden as well as healthcare providers' bad debt.

TailorMed is instrumental in reducing patients' out of pocket expenses and increasing access to medication leading to alleviated 'financial toxicity' to low-income patients resulting in improved clinical outcomes.



TailorMed acquires Vivor to form a combined platform and network to tackle one of the biggest healthcare challenges

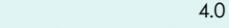
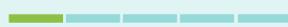
Born from the same mission, TailorMed and Vivor joined forces to help ensure more patients can afford the care they need. Together they'll create more innovative solutions and the largest network of provider, pharmacy, and life science companies in the market. Healthcare organizations will be able to fund more patients in need while improving their own financial performance.

X3.1
Annual impact growth

14K
Patients assisted

61%
Savings experienced by patients

Annual Impact Statement

			2019	2020	2022	Trend	Bridges score
What 	Outcome description	Alleviating Financial Toxicity of medical treatment: Reduction in patients' out of pocket expenses and increased access to medications and healthcare is inline with SDG 3: Good Health and Wellbeing, SDT 3.8					
	Outcome in period	 Total value of approved applications (\$)		199M	443M*	▲	 5.0
		 Average out-of-pocket savings; per patient (\$)		7,335	5,191	▼	
Who 	Key stakeholder	Patients					
	How underserved are the stakeholders	Highly underserved, chronic patients  Demographics: % of patients below 400% of Federal poverty line (FPL)		88%	73%**	▼	 5.0
How Much 	Scale	Number of patients assisted*		4,116	14,022	▲	
	Depth	 % of out-of-pocket savings compared with average market out-of-pocket limit		90%	61%	▼	 4.0
	Duration	Medium***					
Contribution 		% of growth in assisted patients compared to standard financial navigation assistance		348%	n/a****		 5.0

Avg. rating based on Bridges scoring:
4.8

Impact Classification:
Contributing to solution

*The numbers in this report includes TailorMed's data only, excluding Vivor. Vivor's data was included only in # of patients' metric.
**46% of patients are on governmental subsidized insurance, (e.g. Medicaid), 21% uninsured.
*** Health achieved, or financial burden reduced typically has a medium-term effect, at the minimum.
**** Compared to the year before TM's implementation. This wasn't measured this year due to data access limitation.

Concrete Solutions for Responsible Marine Construction

ECONcrete® is the only concrete technology which is compliant with industry standards and provides biological, environmental, and financial benefits

Leveraging science to change the way future waterfronts look and function, ECONcrete's technology enables both development and sustainability in coastal and marine construction. It is currently applied in three applications: shoreline protection, waterfront infrastructure and offshore applications.

ECONcrete's biomimicry technology supports the resilience of marine ecosystems by increasing biodiversity, promoting local species and improving water quality. Used in shoreline applications it contributes to climate adaptation as well as supporting climate-change mitigation through carbon sequestration.

2021 was a pivotal year for ECONcrete. Increasing demand from the market as regulation across the globe forces stakeholders to provide proper solutions for ecofriendly underwater concrete boosted the company's growth. With 16 new projects in progress, ECONcrete has been able to increase the volume of ecological concrete being submerged in water twelvefold over the previous year, and has thus significantly increased the biological value of marine infrastructure around the world.

Backed by a robust team of environmental experts, ECONcrete looks ahead to another exciting year of fulfilling its mission: to transform the way our concrete coasts look and function so that where the ocean meets the shore, life flourishes – above and below the water.



X4.8

Annual impact growth

X2.5

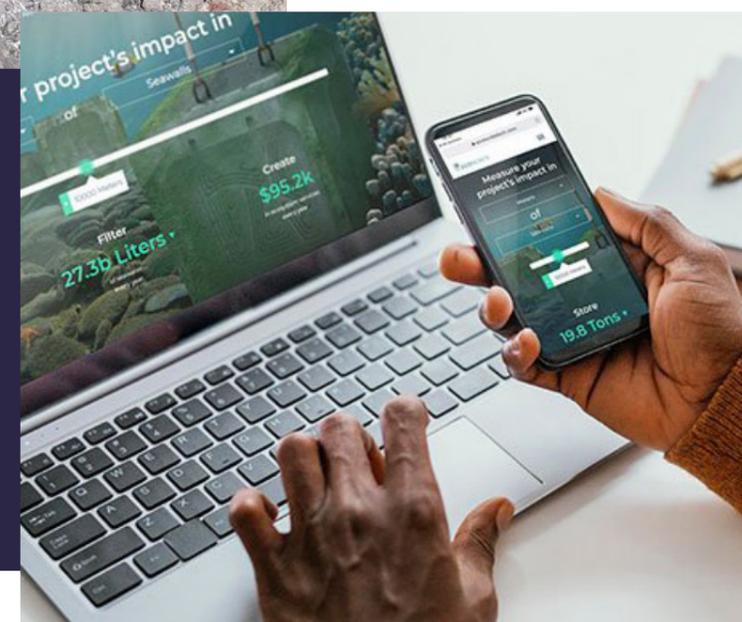
Biological value

\$7.8K

Annual value of 'ecosystem services'

Econcrete launched its impact calculator

an online tool on their website that calculates the biological, environmental and financial benefits of ECONcrete's marine infrastructure solutions



Annual Impact Statement

		2020	2021	Trend	Bridges score
What 	Outcome description	Enhancing marine and coastal ecosystem resilience and contributing to climate adaptation are important outcomes that align with SDG 14 Life below water, SDT 14.2 and SDG 13, SDT 13.1			5.0
	Outcome in period	Proxy: m ² of ECONcrete infrastructures installed*	1,206	5,780	▲
Who 	Key stakeholder	The planet Categorically underserved considering the threat of climate change and loss of biodiversity			5.0
	How underserved are the stakeholders	Number of seas where ECONcrete solutions are installed	6	6	=
How Much 	Scale	Not rated for environmental outcomes			
	Depth	Enhanced biological recruitment (species abundance)**	X2.5	=	5.0
		Improvement in biodiversity and species richness**	200%	=	
		Reduction in dominance of invasive species**	30-70%	=	
Duration	Long-lasting effect				
Contribution 	ECONcrete provides a unique solution and generates a significant contribution compared with any relevant alternative as it is the only bio-enhancing solution that preserves the functional and structural properties of concrete.			4.0	

Avg. rating based on Bridges scoring:
4.8

Impact Classification:
Contributing to solution

* Cumulative, installed infrastructure continues to generate its effect as long as it remains underwater.
** Average of results from studies and monitoring of actual installations, compared with standard concrete.

Improving Public Health and Environmental Sustainability Through Wastewater Intelligence

Kando's wastewater intelligence platform provides actionable insights to water utilities, cities and decision makers

Kando's solution provides cities and water utilities with a complete oversight of wastewater quality, pollution and health-related events evident in their sewage collection system so they can make data-driven decisions to improve effluent quality, allow safe water reclamation, save costs and improve quality of life.

Data is collected and analyzed via artificial intelligence with clear insights displayed in a real-time dashboard.

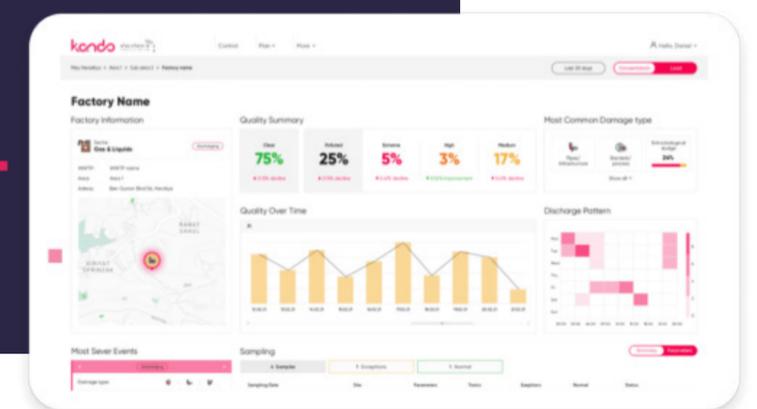
In 2021 Kando expanded its reach to cover more networks and its total flow under management and population coverage have increased significantly.

Responding to the pandemic, Kando has also developed a public-health application to detect virus outbreaks using wastewater intelligence that is being used nationwide in Israel (see spotlight on the next page).



Kando launched Pulse

Pulse is a simple and actionable view of the wastewater quality, enabling Kando's clients to conduct data-based communication with their network customers and drive data-based actions.



X1.4

Annual impact growth

26

Municipalities covered + 91 with COVID-detection solutions

91

Customers' NPS

Annual Impact Statement

		2019	2020	2021	Trend	Bridges score	
What 	Outcome description	Pollution reduction: Reduction in adverse environmental effect of wastewater and increasing safe reuse are positive outcomes in line with SDG 11: Sustainable cities and communities, SDT 11.6 and SDG 6: Clean water and sanitation, SDT 6.3					
	Outcome in period	% of wastewater collectors experienced pollution reduction*	53%	86%	65%	▼*	4.0
		Proxy: Total monitored flow (m ³ per day)	202K	308K	422K	▲	
		% of customers reporting Kando helped them to improve the city's wastewater quality.	75%	89%	100%	▲	
Who 	Key stakeholder	The planet					
	How underserved are the stakeholders	We consider the baseline to be only 'partly underserved' as Kando operates where WWTP are already functioning, even if not fully effective.					3.0
		Number of countries in which Kando operates	1	3	3	=	
How Much 	Scale	Not rated for environmental outcomes					
	Depth	Average annual pollution reduction*,***	4%	70%	19%	**	4.0
	Duration	Long					
Contribution 		% of customers agreeing that Kando's environmental benefits are "hard to obtain otherwise"	100%	100%	100%	=	4.0

Avg. rating based on Bridges scoring:
3.8

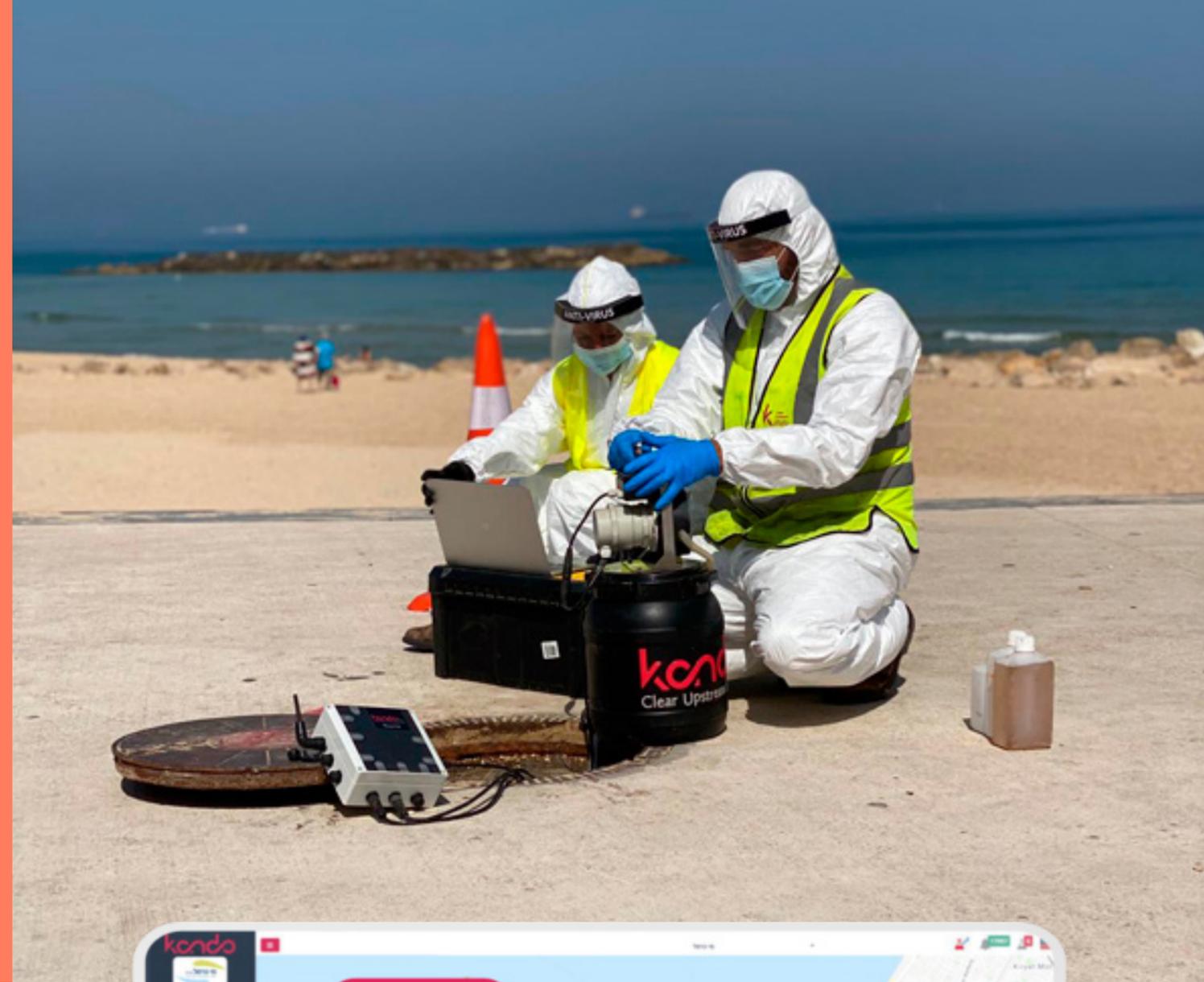
Impact Classification:
Contributing to solution

* We attribute a portion of last year's improvement to the effects Covid-19 had on the economy and polluting sectors.
 ** Since the data indicates annual change, for some clients this is on-top of previous improvements, so the trend is misleading. We will work to further understand the impact trend over time.
 ***Calculates change in pollution score at wastewater mains compared with the preceding year. Calculated for wastewater mains that were active in 2020 and 2021.

Kando's Wastewater Intelligence Solution Utilized for Public Health Protection

Kando's WBE solution combines its market-leading wastewater analysis experience with its partners' virology expertise to offer a service that can detect virus outbreaks days before they are detected through the health systems.

Kando has been gathering wastewater data for more than a decade with the ability to pinpoint and track sources of contaminations. It can now track an outbreak upstream and indicate its source.



Over
7M
people

Public health's
monitored

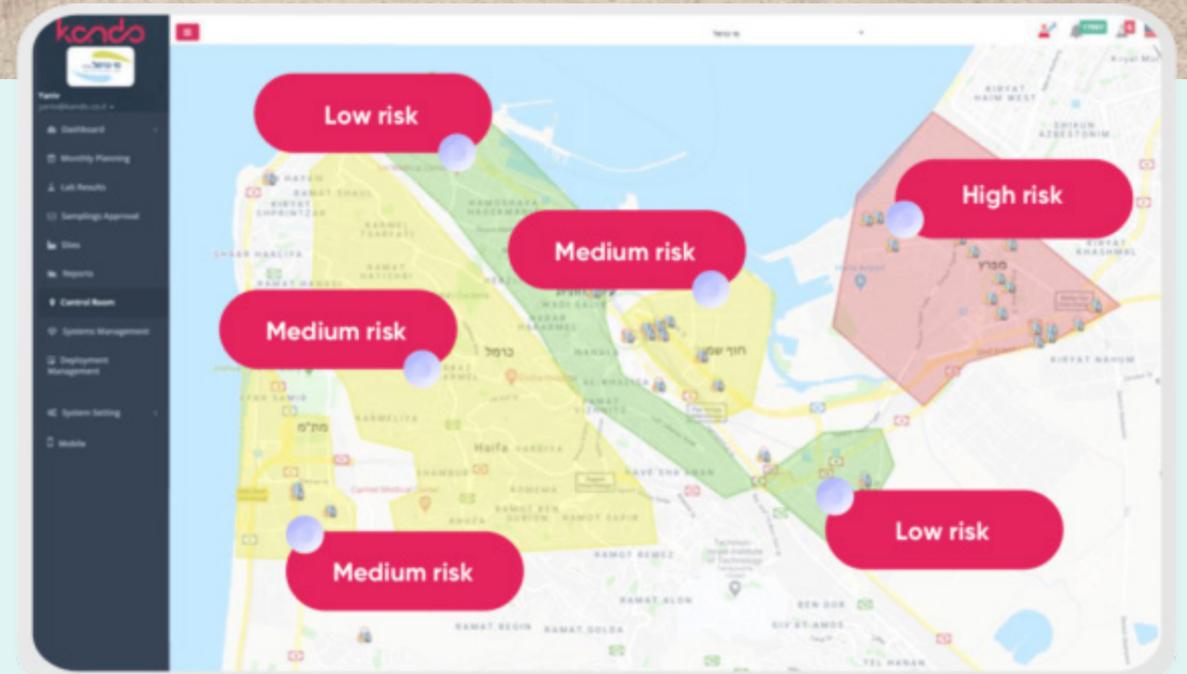
Over
90

Municipalities
covered



Israel's Ministry of Health leads project to detect COVID in wastewater

Kando was selected as a technology provider for Israel's nationwide Covid alert systems through wastewater.



Driving Agriculture Sustainability Through Digitization

A holistic ag-operations platform, designed to enable fact-based decision making for agribusinesses

The FAO defines a sustainable food value chain as one that is profitable throughout all of its stages (economic sustainability); has broad-based benefits for society (social sustainability) and has a positive or neutral impact on the natural environment (environmental sustainability). Essentially it builds on decoupling agricultural productivity from resource and environmental pressure and on supporting profitability for smallholder farmers who account for 70% of all farms globally.

Ag-tech has the potential to accelerate the adoption of sustainable farming practices by making it more affordable, accessible and feasible. Agritask is a holistic Agronomic Intelligence platform designed to enable fact-based decision-making for agricultural operations. To fulfill this vision, Agritask integrates

a wide variety of agronomic technologies, tools and data sources into one brain that analyzes the data and produces alerts, recommendations, and actionable insights. In addition to environmentally sound practice, it drives resource efficiency in small farms and has the potential to improve small farms' profitability, thus improving the well-being of smallholder farmers.

In the context of climate change and increased risk to agriculture production due to climatic shocks – Agritask's data platform allows insurers to deepen insurance penetration.

Agritask is successfully deployed in more than 30 countries, with a broad spectrum of clients ranging from food conglomerates, ag-buyers, multi-farm corporations, large growers, ag-financing, and insurance companies, to governments and NGOs.



Technology's Critical Role in Sustainable Agriculture' - E-book published

Ag-tech has the potential to accelerate the adoption of sustainable farming practices by making it more affordable, accessible and feasible for farmers in the developing world who need it most. There are ample use cases for technologies such as big data, computer vision, machine learning, sensors, satellite, drones and more within the sustainable agriculture framework.

To promote this practice, Agritask has published a guide named 'Technology's Critical Role in Sustainable Agriculture' that provides multinational corporations operating in industries such as food and beverage or fashion seeking to enhance their supply chain sustainability, with insightful information including industry benchmarks, industry fact statistics, real life examples of how F&B companies are promoting sustainability and a practical framework for guiding a sustainability journey.

1.3M

Ha managed with improved sustainability and efficiency

94%

of managed lands are in emerging markets

187K

Smallholder Farmers provided with agronomic data or gaining ag-insurance for the first time

Annual Impact Statement

		2021	Bridges score
What 	Outcome description	Promoting sustainable and shock-resilient agriculture. Digitized agronomic data enables improved resource-efficiency and ag-insurance coverage leading to more sustainable and resilient food systems and increase in SHF's income and aligns with SDG 2 Zero-Hunger, SDTs 2.3 & 2.4.	
	Outcome in period	<ul style="list-style-type: none"> Proxy: Total land monitored by Agritask's platform enabling optimal agronomic decision-making (ha) 1.27M Resource efficiency: % of clients who strongly agree with the statement: Agritask's system is instrumental in optimizing the use of farm inputs such as chemicals, and/or delivering improved yields 47% Sustainability: % of clients who strongly agree with the statement: Agritask's system is instrumental in improving farmers' practices, leading to better economic, social and environmental sustainability 53% 	5.0
	Key stakeholder	The Planet and Smallholder farmers	
	How underserved are the stakeholders	Underserved. Global agricultural productivity is not increasing fast enough to sustainably meet the needs of the world's growing population. Smallholder farmers' income, productivity and resilience need to improve significantly. <ul style="list-style-type: none"> % of hectares under management in emerging markets 94% 	5.0
How Much 	Scale	# of SHFs benefitting from agronomic data or ag-insurance enabled by Agritask 187K	
	Depth	<ul style="list-style-type: none"> Change in SHFs' income 2-7%* Change in resource-productivity*,*** 10-20%** 	2.7
	Duration	Farmers retention (in months) 18	
Contribution 	See survey questions above. Clients support the notion that Agritask is a critical enabler for the outcome.		3.0

Avg. rating based on Bridges scoring:
3.9

Impact Classification:
Contributing to solution

*Based on third-party meta-analysis studies on the effect of insurance and agricultural information on smallholder-farmers' income
** based on Company case studies, still to be further validated

The Sustainable Alternative to Flood Irrigation

A disruptive gravity-powered micro-irrigation technology leading to substantial water savings while increasing yields

85% of global irrigated land relies on “flood irrigation” for crop production, because switching to more efficient irrigation systems is cost-prohibitive for many crops and farmers.

N-Drip’s first-to-market gravity-powered micro-irrigation solution unlocks this large, mostly untapped market by offering the water utilization efficiencies of traditional micro-irrigation systems at a significantly lower price point and with reduced requirements for high water pressure, electricity, and filtering.

N-Drip’s systems are installed in 27 countries and states globally. In 2021 the company proceeded with marketing its 1-acre kit that showed great feedback from smallholder farmers. In addition, the company developed “N-Drip Connect”, which generates meaningful insights for the farmer through the company’s sensor and data management system.

In 2021, N-Drip also deepened the impact evidence as it monitored its solution’s effect in various geographies and crops and was able to demonstrate its significant climatic benefits.



Enabling sustainable farming- the case of cotton growers in Australia

Howard Rother of Queensland was nominated Australian Cotton Grower of the Year following an extraordinary season. His achievements have surpassed all expectations due to his fantastic yield results with N-Drip. Rother farm has achieved a 54% yield increase and a 26% water savings compared with a flood irrigation control field. The exceptional results meant the system paid for itself in one season, so Howard is keen to extend its use.

Jeff Palmer also grew cotton in Queensland during the same season and was able to increase the farm’s yield by 7% while saving 54% on water usage. In addition, Jeff used 53% less Nitrogen fertilizer in his N-Drip field compared with his flood irrigated control field.

X2.6
Annual impact growth

Water benefits
42%
Water savings compared to flood-irrigation

577K
m³ water saved annually

Carbon benefits
39%
Average GHG reduction*

363 tCO₂e
Avoided annually*

* Based on coefficients that were calculated using the CoolFarmTool, on a sample of 9 fields and were then applied to the number of hectares converted by N-Drip from flood irrigation.

Annual Impact Statement

		2019	2020	2021	Trend	Bridges score
What	Outcome description	<p>Increased water productivity is an important outcome given that agriculture is responsible for over 60% of water withdrawal globally. Water stress is therefore a major risk to food security and global ecosystems and alleviating it aligns with SDG2: Zero Hunger, SDT 2.4</p>				5.0
	Outcome in period	<p>Proxy: Hectare converted from flood irrigation to micro-gravity irrigation</p> <p>92.5 ha</p>	131 ha	313 ha	▲	5.0
	<p>Annual water savings (m³)*</p> <p>577K</p>					
Who	Key stakeholder	<p>The Planet N-Drip replaces highly inefficient flood irrigation in water-stressed regions. Hence, the baseline is considered highly underserved.</p>				
	How underserved are the stakeholders	<p>Installations in water-stressed countries (% out of total Ha)</p> <p>57%</p>	46%	53%	▲	5.0
		<p>Installation in developing countries (ha, % of total)</p> <p>22.3 (22%)</p>	271 (16%)	35ha (11%)	▲	
	<p>Number of smallholder farms gaining access to N-Drip technology**</p> <p>42</p>					
How Much	Scale	Not rated for environmental outcomes				
	Depth	<p>Water savings: average reduction in water usage</p> <p>59%</p>	52%	41%	▼	5.0
		<p>Water Use Efficiency compared to flood irrigation (threshold for positive: >100%***)</p> <p>280%</p>	260%	204%	▼	
Duration	Long					
Contribution	<p>High contribution compared to the next best available solution. Much more affordable than alternative drip solution.</p>					4.0

Avg. rating based on Bridges scoring:
4.8

Impact Classification:
Contributing to solution

* Estimated
 ** Based on number of one-acre kits sold
 ***The average change in N-Drip's fields compared with a flood-irrigated control field, since investment date

The Virtual Treatment Rooms of the Metaverse

XRHealth's virtual clinics empower patients to receive care anytime, anywhere using XR technology

In some healthcare domains (such as rehabilitation, cognitive behavioral treatment) traditional clinical diagnosis and therapeutic interventions suffer from a lack of standardization since they are heavily reliant on patient feedback. When coupled with low patient adherence, efficacy is limited. In addition, in-clinic appointments are considered costly with limited availability. For all these reasons, there is a need for quality, engaging and effective remote patient care solutions.

XRHealth develops XR (Virtual Reality and Augmented Reality) therapeutic and healthcare software, which is already in use in leading hospitals and medical clinics

as well as through its designated virtual clinic. Through gamification and immersive experience, XRHealth enables higher efficacy treatment, better outcome measurement and effective management.

XRHealth improves health, independence and wellbeing for individuals with a variety of physical and mental conditions. The platform improves therapy accessibility and efficacy of cognitive and motor rehabilitation and stress-relief.

Operating in the US, Australia and Israel, the company's expansion is facilitated by the high reimbursement (insurance coverage) provided to their service.



X2.2

Annual impact growth

78

NPS

4,608

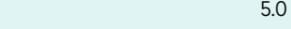
Patients treated to date

XRHealth has teamed up with HTC, the global leader in premium virtual reality (VR).

Patients can now enter their virtual treatment rooms from the comfort of their homes (or anywhere they have internet) using the ultra-lightweight VIVE Flow, accessible with Android 5G smartphone! With options like this, patients are bound to feel compelled to complete their exercises. Because who wouldn't want to chase dragons or sit by virtual seashores instead of doing the same old, boring routines?



Annual Impact Statement

		2019	2020	2021	Trend	Bridges score	
What 	Outcome description	Improved wellbeing: Improved motoric and cognitive wellbeing, prevention of mental stress and reduced dependency on painkillers is a positive outcome that aligns with SDG 3, SDTs 3.4 & 3.5.					
	Outcome in period	 Proxy: number of XR sessions on the platform					5.0 
		 Proxy for improvement in wellbeing: patients' satisfaction NPS					
Who 	Key stakeholder	Patients					
	How underserved are the stakeholders	 Patients are considered underserved in terms of improved health outcome. In particular, the system increases access to individuals in rural areas and is covered by insurance plans making it widely available.					5.0 
		 % of insurance-covered treatment					
How Much 	Scale	 Number of patients					
	Depth	Improvement in patients' health outcome:					
		 Proxy: % of patients experiencing improvement in symptoms*					
		 % of change experienced by patient (mean)					3.3 
Contribution 	Duration	TBD					
		XR's telehealth models increase accessibility, efficacy and potential value for money in therapy sessions.					3.0 

Avg. rating based on Bridges scoring:
4.1

Impact Classification:
Contributing to solution

* Based on a patients' outcome assessment pilot, for 33 patients. In the sample, clinicians' assessment indicated that 85% of patients experienced some improvement. Over 35% much improved compared with the baseline.

** Depending on the clinical application and use-case. Based on an overall sample of approximately 300 patients.

*** Real-world evidence related to XRHealth is gathered through the virtual clinicals and patient-reported outcomes. The efficacy, symptom severity, range of motions and other clinical indicators are monitored for each use-case separately – showing significant levels of improvement.

Come As You Are

An award-winning chain of hostels and a leading tourism company that demonstrates elements of social and sustainable tourism

Founded in 2010, Abraham Group is a chain of four Hostels and a leading tourism company in Israel for Free Independent Travelers (FIT).

Abraham Group emphasize direct, inclusive and empowering employment and has an impact on the livelihood and opportunities of employees from underserved demographics. The group intentionally sources from and supports small or medium-sized enterprises (SMEs) making sure economic benefits are fairly distributed in its surrounding communities. The group strives to influence society and the community

through building bridges and increasing tolerance through a multi-cultural and multi-narrative content embedded in its operations, tour activities and the art and cultural events it organizes.

2021 has been highly challenging for Abraham Group as it has been for the entire worldwide tourism industry due to the continued pandemic. Despite the challenges, Abraham hostel is continuing with its growth plan and has recently opened its fourth location in Eilat, which is the largest to-date.



X2.2

Annual impact growth

7.1M

Value of purchases from local SMEs

51%

Women in managerial positions

Abraham Hostel in Eilat

In June 2021, Abraham Hostel opened its new location in the southern city of Eilat. The Hostel location was chosen intentionally outside the hotel strip, in the heart of Eilat city near the central transport terminal. An old hotel structure has been retrofitted to portray the group's unique vision of sustainable and inclusive tourism.



Annual Impact Statement

		2019	2020	2021	Trend	Bridges score		
What 	Outcome description	Promotion of sustainable tourism - job creation, promotion of local culture and tolerance and contributing toward economic growth is a positive outcome aligned with SDG#8 Decent Work, SDT 8.9 . The benefits of sustainable tourism are an accumulation of multiple secondary outcomes experienced by various stakeholders:						
	Outcome in period	SMEs growth: % of purchases from local SMEs out of total procurement		53%	35%	25%	▼	 3.0
		Employee feedback: an employee survey on fair employment (benefits, work-life balance, work environment and development)*		Overall positive, varies depending on issue, between location and departments.				
		Promotion of local culture and intercultural tolerance: participants in multi-cultural and multi-narrative tours		14.5K	2K	3.6K	▲	
Who 	Key stakeholder	Community, Employees, Guests, and Local SMEs						
	How underserved are the stakeholders	Varied					 3.0	
How Much 	Scale	Proxy for scale: Total number of guests**		98K	28.9K	62K	▲	
	Depth	Low to Medium					 2.7	
	Duration	Diverse						
Contribution 	Company increases accessibility, quality and value for money of sustainable tourism					 3.0		

Avg. rating based on Bridges scoring:
2.9

Impact Classification:
Benefiting stakeholders

* The company conducted an extensive employee survey in late 2021 to capture employees' perceptions on the work environment. The 2022 work-plan was informed by the survey results.

** Number of guests is a proxy for scale as it also effects scale of employment & SMEs support

Empowerment Through Fair Employment

A school catering business providing healthy meals to schools across Israel while providing fair employment for Bedouin men and women

The average wages for employees from the Bedouin society is less than half of the Israeli average while the unemployment level is extremely high. Bedouin women rarely engage in the job market, and those who do face many challenges related to transportation, work environment, unfair benefits and salaries as well as other cultural barriers.

Founded in 2011 by leading Bedouin entrepreneur Ibrahim Nsassa, Nazid Impact Food is a food-industry business operating from a production facility in the Idan HaNegev Industrial Park, Rahat, Israel. The company's main business is catering school meals, providing hot meals primarily to Arab schools and pre-

school children as well as to independent municipalities.

Nazid's core impact thesis is the improvement of Bedouin families' income, financial stability and welfare through Fair Employment, particularly for women.

Throughout 2021, COVID remained a main factor in everyday life in Israel, which impacted the routine functioning of the country's schools. Despite this disruption, Nazid managed to increase its production, taking on new customers and penetrating new business segments. Most employees returned to work after the 2020 government furlough plan expired and daily school meals nearly doubled compared with 2020.



78
employees from the Bedouin community

53%
Women in managerial positions

Annual Impact Statement

			2019	2020	2021	Trend	Bridges score
What 	Outcome description	Fair and decent work conditions for the underserved is a positive outcome and aligns with SDG#8 Decent Work, SDT 8.5 and SDG 10: reduced inequalities SDTs 10.1-2.					5.0
	Outcome in period	Proxy indicator for Fair Employment: Employees' NPS score	63	61	11	▼	
Who 	Key stakeholder	Employees					
	How underserved are the stakeholders	Bedouin, specifically Bedouin women are unemployment rate compared with approximately 15% for the rest of the population in the region					5.0
		% of employees reporting to have limited access to other job opportunities	49%	n/a	56%	▲	
		% of employees from the Bedouin community	78%	79%	78%	=	
How Much 	Scale	Number of Bedouin employees	79 (53 women)	85 (60 women)	78 (54 women)	▼	
	Depth	% of employees indicated that they have experienced a significant positive change as a result of being employed by Nazid	84%	No survey	83%	=	4.0
	Duration	Employee retention rate			18 (m)		
Contribution 		Significant contribution given lack of alternatives					
		% of employees who say their experience as an employee in Nazid is better than their alternatives.	88%	No survey*	55%	▼	2.7

Avg. rating based on Bridges scoring:
4.2

Impact Classification:
Contributing to solution

The Neighborhood Company

It's easier to meet strangers around the world than neighbors around the corner. It shouldn't be. Venn is promoting real-world connections between neighbors

Isolation was a global pandemic long before the COVID crisis began. Over the past twenty years, virtual community has become arguably the primary way people everywhere connect. Today, some people feel disconnected from their physical communities.

Venn's Neighborhood Platform seamlessly blends technology and data with human interaction and physical spaces to promote residents' increased sense of belonging and connection to their neighborhood,

thus reducing urban loneliness.

For real estate and small business partners, this increase in Belonging correlates highly with material increases in demand and retention, creating a model that drives both impact and business.

Energized by an impressive round of fundraising, in 2021 Venn generated strong growth in number of units under management.



X3.4
Annual impact growth

39%
reduction in loneliness prevalence

51%
feel connected with their neighbors

ROI Has a Whole New Meaning: Return on Involvement

Venn is all about neighbors' connection to the neighborhoods.

At Venn "Success is measured by the degree of engagement, the level of participation, and the growth of the community. It's a common shared goal at the top of our minds from the moment we even start connecting with a community. It starts with a question: What does the community member get out of connection to the community? In other words, what is their Return on Involvement?"

Venn Journal - vol.9

Annual Impact Statement

		2019	2020	2021	Trend	Bridges score	
What 	Outcome description	Sense of belonging and reduced urban loneliness*					5.0
	Outcome in period	 Loneliness prevalence (% of members reporting feelings of loneliness)**	34%	45%	35%	▲	
Who 	Key stakeholder	Venn's members in developing urban areas.					
	How underserved are the stakeholders	 Baseline: Reported loneliness level when joining the community compared with the average in the city.	X2 lonelier than the city average	Mixed, Same as city	Mixed, same as city***	=	4.0
		 % of Venn's members from low-income percentiles****	40%	51%	50%	=	
How Much 	Scale	 # of active members	472	462	1,580	▲	
	Depth	 % of reduction in loneliness prevalence (after 1 year)	-38%	Mixed ***	-39%	▲	
	Duration	 Members' average lease	38 months	25 months	12 months	▼ *****	3.0
Contribution 	Contribution compared with other non-real-estate solutions to loneliness is hard to assess. Compared with standard housing Venn makes community interaction more meaningful and accessible solutions to loneliness is hard to assess.						3.0

Avg. rating based on Bridges scoring:
3.4

Impact Classification:
Benefiting stakeholders

*While we judge 'reduction in loneliness prevalence' to be an important outcome, there is no clear alignment with a specific SDT.
 ** This year Venn tested a new phrasing of a survey question to test loneliness prevalence
 *** Varies per location
 **** Low income is considered below the median income.
 ***** The average lease shortened due to large number of new residents in new Venn locations.

Remote Patient Care In One Day!

A no-code, self-service connected care platform for regulated medical device companies enabling them to upgrade standalone devices to remote care solutions

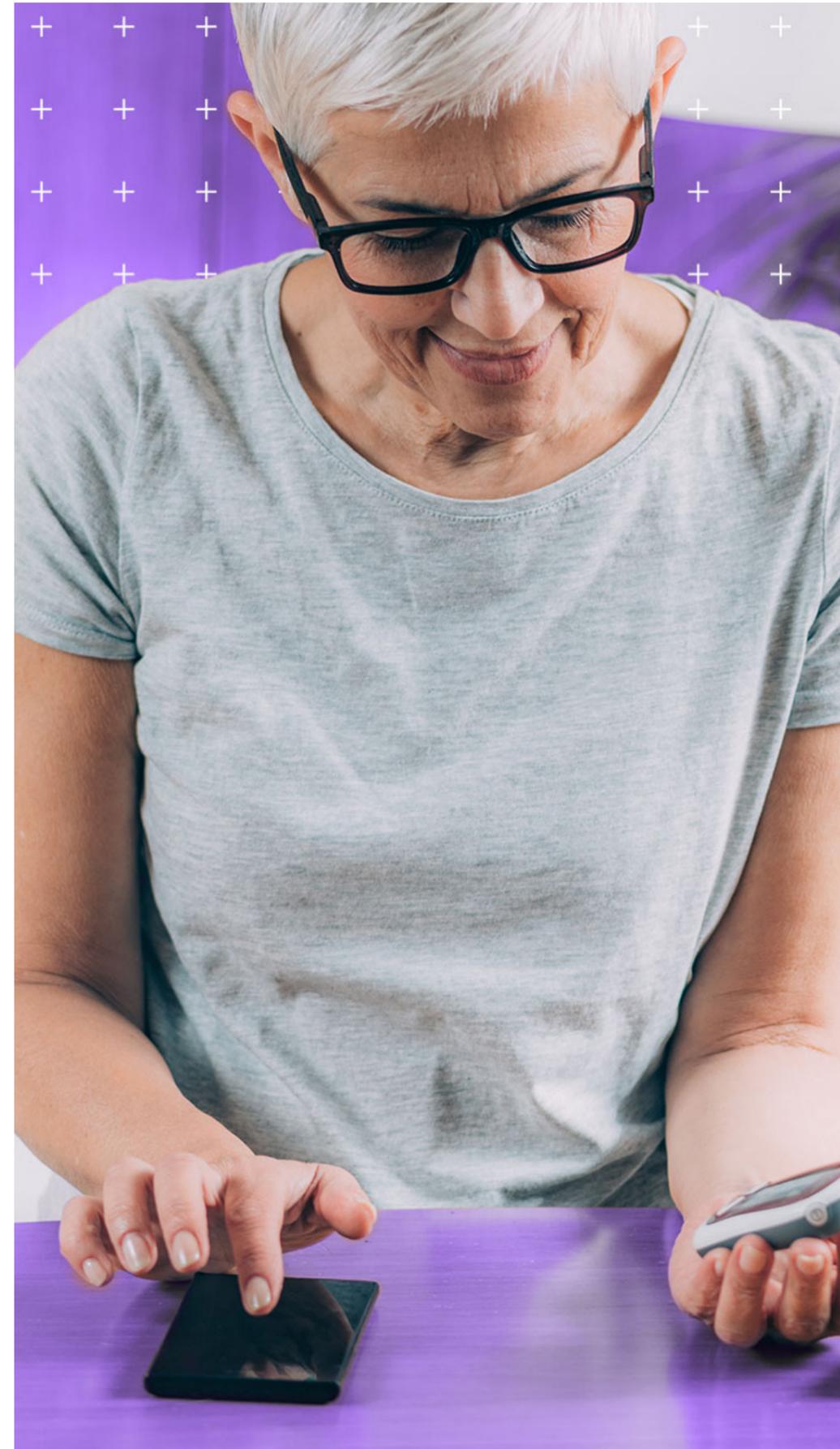
While the need for remote medical care is widely recognized and further accelerated amid the COVID-19 pandemic, implementation of remote healthcare devices is relatively slow since the transition to connected devices tends to be long, costly, and risky.

Founded in 2018, BioT is home for expert cyber, IoT, medical software and cloud engineers with years of experience in developing outstanding solutions for connected healthcare products. BioT created the first-of-its-kind no-code platform- a self service cloud-based platform enabling regulated medical

device companies to upgrade any standalone device to a connected care solution in in just one day!

Remote patient monitoring and care is associated with clinical benefits for patients. These benefits include greater access to care, early detection and enhanced autonomy, all potentially leading to improved health outcomes.

BioT recently released the second generation of its product, focusing on bringing patients improved healthcare outcomes.



X3.6

Annual impact growth

9,600

Patients enjoying bioT powered remote care

Annual Impact Statement

			2020	2021	Trend	Bridges score
What 	Outcome description	Improved health through remote medical care. Enabling insightful and secure remote medical care is improving health outcomes and aligns with SDG 3: Good Health and Wellbeing, SDT 3.4*				3.5
	Key stakeholder	Patients Underserved. Health domains typically using RPM are mainly chronic illness-related.				4.0
Who 	How underserved are the stakeholders	Proxy: % of devices powered by bioT used for chronic disease relief	90%	100%	▲	
	Scale	Number of patients remotely monitored through medical devices powered by the BioT platform	2,700	9,600	▲	
How Much 	Depth	Improved health results due to remote care and improved clinical efficacy due to adherence and insight features	TBD	Corroborated by customer surveys**		2.7
	Duration	Dependent on the medical usage, device and application.		Diverse		
Contribution 		While alternative solutions exist, BioT's solution is faster and offers more advanced features				2.0

Avg. rating based on Bridges scoring:
3.0

Impact Classification:
Benefiting stakeholders

* BioT is an enabling factor for a range of positive medical outcomes. As the customer base grows, we strive to understand the extent of health outcomes that can be attributed to BioT (on top of the medical devices and medical care itself)

** BioT has conducted customer surveys to understand their perception on BioT's contribution to health outcomes, clinical efficacy and the effect on expediting time-to-market. Due to the very small sample size, results are treated as an indication, rather than a validation.

Know What Every Plant Feels

A soil moisture sensor and software package that leads to improved water productivity and supports the resilience of agriculture systems

In order to meet the increasing demand for food, it is clear that agriculture will need to produce more with less. In other words, water productivity will have to increase dramatically.

Founded in 2016, Viridix is a precision irrigation system powered by real-time, hassle-free Root Sense soil moisture sensors and a complementary software package. The system enables farmers to better probe soil moisture levels and base irrigation decisions on the plant's real needs helping to save water, increase crop yield, improve crop quality, and ultimately increase profits.

Viridix's primary focus is orchards and vegetable farms where irrigation is the primary parameter for yield improvement.

Implemented in farm fields, Viridix's high-resolution irrigation optimization systems enables practicing efficient irrigation, improves water productivity and supports the resilience of agricultural systems leading to enhanced food security.

Today, Viridix covers a variety of crops and use-case scenarios. The company continues to establish important collaborations and partnerships with leading distributors, irrigation companies, data management solutions and other sensors to provide farmers with the best available solution.



X1.8
Annual impact growth

83%
Installations in water-stressed areas

2K
Hectares managed more sustainably

Annual Impact Statement

			2019	2020	2021	Trend	Bridges score
What 	Outcome description	Increased agricultural water productivity is an important outcome given that agriculture is responsible for over 60% of water withdrawal globally and aligns with SDG2: Zero Hunger, SDT 2.4					5.0
		Proxy: Agriculture area covered by Viridix's solutions (hectares)*	558	1,161	2,139	▲	
Who 	Key stakeholder	The planet					
	How underserved are the stakeholders	Underserved considering the water scarcity crisis & climate change % installations in water-stressed areas	78%	89%	83%	▼	4.0
How Much 	Scale	Not rated for environmental outcomes					
	Depth	Projected improvement in water productivity:				Approx. 30%**	
		Improved water productivity - subjective farmer testimonials				50% said water consumption has improved significantly	4.0
		Improved production - subjective farmer testimonials				32% said productivity has improved significantly	
Duration	Long						
Contribution 		Easier to use than other alternatives with an increased added value due to SW analysis, reliability and accuracy.					3.0

Avg. rating based on Bridges scoring:
4.3

Impact Classification:
Contributing to solution

* The calculation method was revised and reverse-corrected.
** Yet to be directly verified. Current water productivity data relies on published studies of the effect of Irrigation on demand practices. Several case studies conducted this year validate this range.

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