

IMPACT
REPORT

EXPLORADORES I

 Südlich
CAPITAL

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I. Fund Manager Letter

The Fondo de Inversión Privado Exploradores I [Exploradores I Investment Fund] is the first fund of Südlich Capital, which carries its essence. It is a fund far from the traditional financial circuits of Chile, created in the tenth region of Los Lagos; it seeks to support outstanding entrepreneurs, wherever they are and whatever their history and origin. It is an impact fund that seeks to provide innovative solutions to the global problem of sustainable food. We have structured it this way because we believe that the current food production system requires innovation to modernize, enable food security and minimize its negative impact on the environment. But also because we are convinced that, in venture capital, a long-term investment vehicle by definition, long-term financial performance will be based on the purpose and positive impact generated by the companies in our portfolio.

Südlich Capital operates from Puerto Varas, a city that is located at the entrance of Chilean Patagonia and has a wonderful natural environment and biodiversity. This inspires us every day to measure our actions and our capital allocations in order to preserve these ecosystems, and the only way to address this challenge is with conviction, will and moderation. That is why we have decided to publish this first impact report at the end of our first year of operation, and we do so with humility, knowing that we still have a long way to go in including impact in the different stages of our investment process.

We are building a portfolio of entrepreneurs and companies that share the same vision as we do, and that contribute, each one from their own sector and their part in the value chain, to install technological and scientific innovations that make the existing production model more efficient.

And they do it from diversity, in the broadest sense of the word.

With respect to gender diversity, three of the four portfolio companies have at least one female co-founder and two of the four are led by women.

In terms of regional diversity, we have two companies from Santiago, one from Valdivia and one from Coquimbo. Thus, today, through our portfolio, we are addressing issues such as non-traditional agricultural methods, seeds resistant to climate change, the use of organic waste and the welfare of families through probiotics.

But we will not overcome this challenge alone. We believe in the power of collaboration and collective learning, so we are always looking for instances and coalitions where we can contribute and learn. As we were closing this first impact report, Südlich Capital was chosen as the first Latin American member of the 1000 Ocean Startups coalition, an initiative of the World Economic Forum to encourage support and investment in technological ventures in the service of maritime resources. We are honored by this appointment and will leverage it in our ongoing quest to maximize positive impact.





II. Südlich Capital and Fondo de Inversión Privado Exploradores I



Südlich Capital is a fund manager and was founded in 2019 in the city of Puerto Varas, Los Lagos Region, Chile; with the purpose of investing in the dreams of entrepreneurs and companies, seeking to develop alternative assets as tools for value creation.

Currently, Südlich focuses on accompanying companies with exceptional potential, providing them with financial backing through private equity funds and offering management assistance, in order to increase their impact and long-term value.

The Fondo de Inversión Privado Exploradores I, born from Südlich Capital, is a venture capital fund that seeks to finance and support Chilean and foreign companies that generate an impact in the southern area of Chile and project themselves nationally and internationally.

It was formalized in 2022 with its integration to the Programa de Fondo Etapas Tempranas (FT) (Early Stages Fund Program) of CORFO, which aims to promote the development of venture capital investment funds, focusing on the segment of early-stage innovative companies.

Exploradores I is defined as an impact investment fund, as it aims to invest in companies that seek to maximize positive social and environmental impact, while ensuring competitive financial returns.

The fund focuses on sustainable food issues and in particular on the FoodTech, AgTech, AquaTech and BioTech sectors, which are critical for the global future, mainly due to climate change and the worrying projections of world population growth.

The Fondo de Exploradores I has an investment capital of USD 11 millions, destined to invest in 15 companies. During 2023, it invested in the first four companies working on new agricultural methods, innovations in protein production and probiotics that improve human health.

These are exceptional companies that generate a proven positive social and/or environmental impact, which were subjected to an in-depth analysis and measurement of their social and environmental impact, the results of which are reported together in this first impact report.

The UN estimates that **the world's population is expected to increase by nearly 2 billion persons in the next 30 years** which generates a protein deficit, which will increase in the future¹.

According to WWF figures, the current food system “**has caused 75% of deforestation, 30% of topsoil erosion**, and, on top of that, contributes to more than a third of greenhouse gas emissions².

At Südlich Capital, we believe that innovation is the key to solving these problems.

¹ <https://www.un.org/es/global-issues/population>

² https://www.wwf.cl/nuestro_trabajo/ciudadanos_conscientes/alimentacion/

III. Impact investment.



III. Impact investment

In an uncertain global context, full of social and environmental problems, it is urgent that both governments and companies make commitments to sustainable development. Although there is a broad global consensus on the urgency of concrete actions to address the planetary challenges, there are still sectors that view the importance of incorporating sustainability and impact into business management with a certain amount of incredulity.

However, today more and more consumers and stakeholders in general are demanding that companies consider sustainability, ESG criteria and the most demanding criteria: impact, in their decision making.

Traditional investments have evolved over time; in this sense, we can currently observe the existence of sustainable investment, responsible investment, thematic investment and impact investment.



Responsible investment

Responsible investment is a strategy that incorporates environmental, social and corporate governance (ESG) criteria into investment decisions. It focuses on reducing risks and, in some cases, includes investment criteria based on ethical issues. This strategy can incorporate negative screening into investment decision making, ruling out investments with ESG and unethical risks.



Sustainable investment

Its main objective is to generate a positive impact on society and the environment, not only to produce financial gains. It considers sustainability policies and environmental, social and corporate governance (ESG) factors in investment and asset management decisions. **Sustainable investing** can include strategies such as thematic investing (e.g. in low-impact renewable energy).



Impact investment

It is a financing alternative that seeks to support and scale solutions to specific environmental and social challenges. This strategy has a range of returns from below market to market returns, depending on the investor's preferences and may consider the following criteria:


- Finance first: Business opportunities that solve social and environmental needs and that project a financial return comparable to the market.³
- Impact first: Business opportunities that solve social or environmental needs and that project a financial return below the market.⁴

According to the Global Impact Investing Network (GIIN), **impact investments** have 4 key elements⁵:

- Generate specific social and/or environmental impact.
- They support projects that have a positive effect on people and/or the planet.
- Generate financial return: The range of return can go from capital recovery, a below-market rate, to a risk-adjusted market return.
- Intentionality: They have the intention and objective of achieving social and/or environmental impact.

³ Strategy implemented by Fondo de Exploradores I.
⁴ In Guía para la inversión de impacto en Chile Acafi 2020 [Acafi 2020 Guide for Impact Investment in Chile], elaborated considering the Reporte Inversionistas de impacto en Chile [Impact Investors in Chile Report], UAI, 2017.
⁵ Op. cit. Acafi 2020.

Table n°1
Spectrum of capital

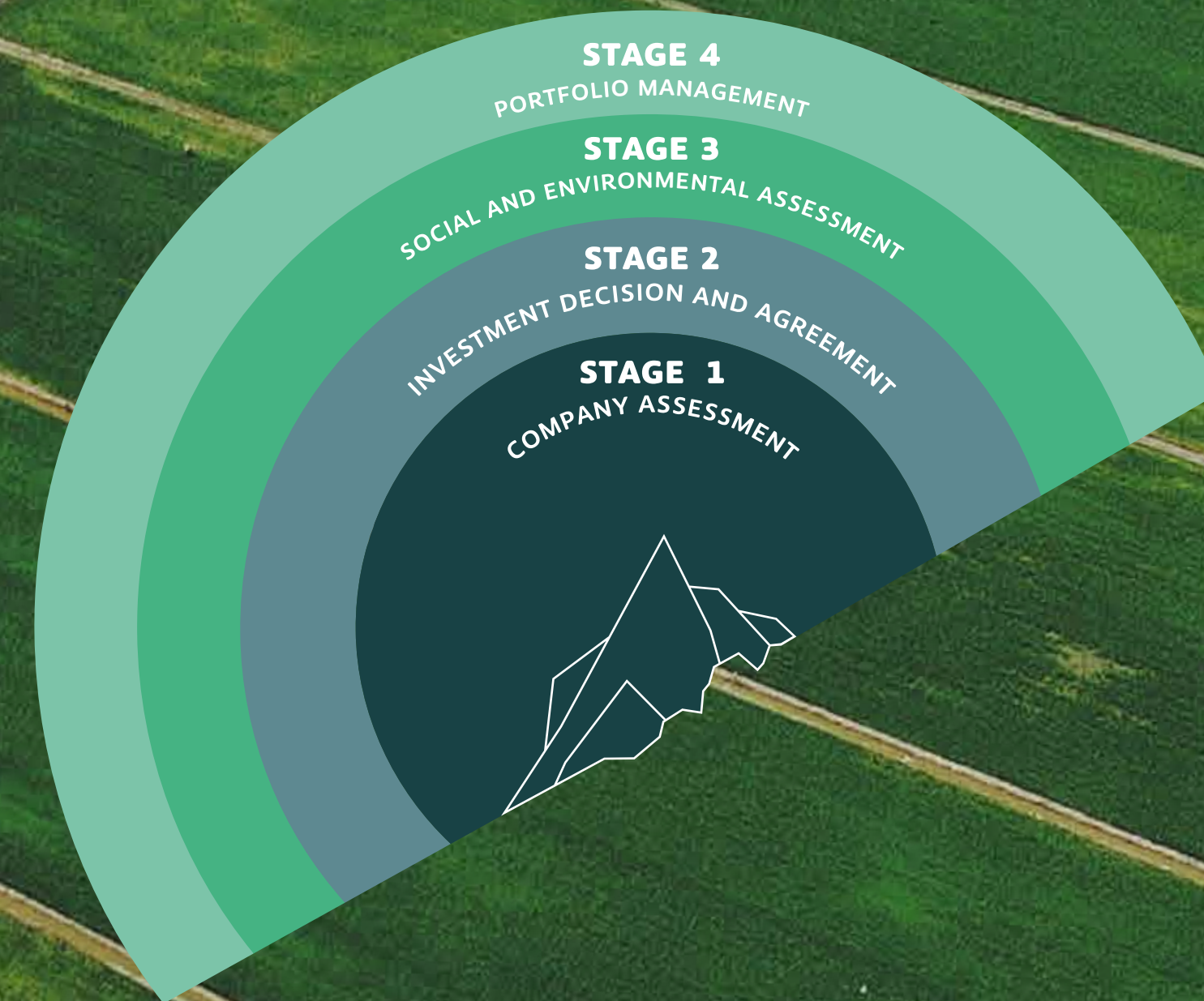
TYPE OF INVESTMENTS	TRADITIONAL FINANCES	RESPONSIBLE INVESTMENTS	SUSTAINABLE INVESTMENTS	IMPACT INVESTMENTS			PHILANTHROPY
	Generate competitive financial returns						
	Mitigate environmental, social and governance risks						
	Look for environmental, social and governance opportunities						
				Focus on measurable high-impact solutions			
				FINANCE-FIRST:  EXPLORADORES I			
					IMPACT-FIRST:		
SUSTAINABILITY CRITERIA	Practices such as ESG are not considered	ESG risk practices are mitigated	ESG-type practices are progressively adopted	Focus on social/ environmental challenges which will generate competitive financial returns for investors	Focus on social/ environmental challenges that could generate financial returns under market condition for investors	Focus on social/ environmental challenges that generate financial returns under market condition for investors	Focus on social/ environmental challenges that can not generate financial returns for investors
DEMAND	For-profit and for-purpose businesses Social and/or environmental enterprises Some not-for-profit institutions with economic activities Non-profit institutions						Social and/or environmental organizations



IV. Impact throughout the investment process.

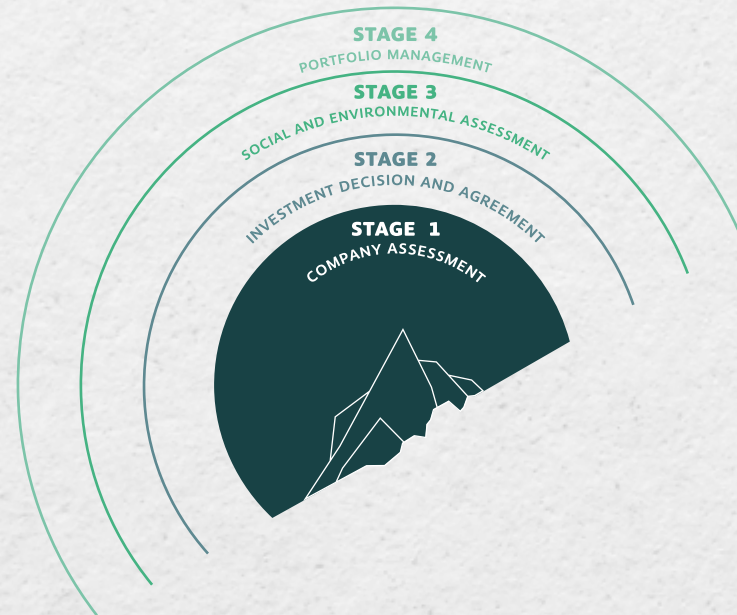
Fondo Exploradores I is committed to integrating impact at every stage of its investment process. With the conviction that this approach is a process of continuous improvement, the fund works every day to ensure that impact is a factor present in all stages of the investment.

During 2022 and 2023, 350 companies were analyzed, following the stages listed below:



STAGE 1

Company assessment



In this first stage, all those companies that have contacted the Fund expressing their interest or companies that the Fund has investigated for their work and impact, enter the deal flow⁶ to be analyzed.

During the selection process, several instances are generated with the entrepreneurial team and key workers of the prospects, in which, in addition to the exhaustive review of different documents, case-by-case analyses are carried out.

The Due Diligence process covers human, impact, commercial, technological, scientific and financial aspects. Each of these aspects is integrated into a customized Balance Scorecard, which provides a global view of each investment prospect and allows comparison between them. In addition, the Balance Scorecard considers the concept of additionality, which quantifies the capacity of the Südlich Capital team and the ecosystem of Fondo Exploradores I to enhance the positive impact of the investment prospect from its scope of action.

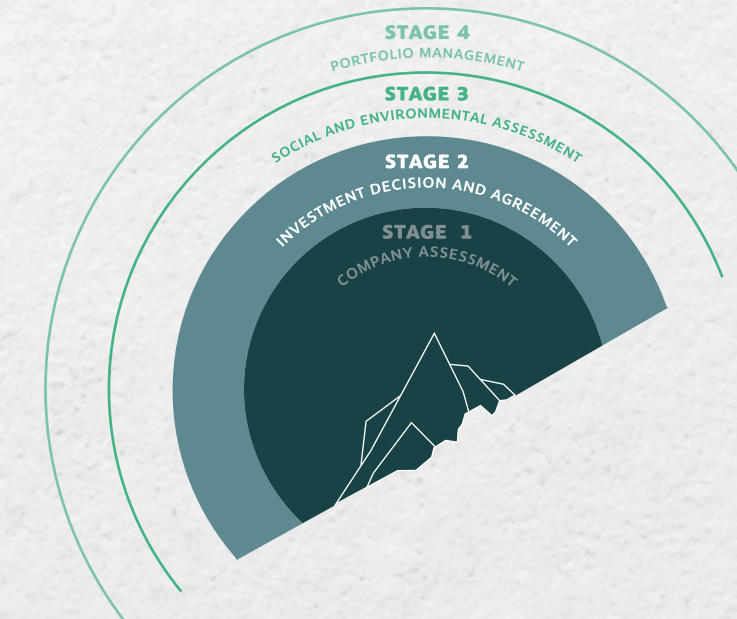
This tool allows for a comprehensive evaluation of investment prospects and informed decisions about their potential, taking into account not only financial aspects, but also human, commercial, technological, scientific and impact aspects.

With respect to social and environmental impact assessment, during the due diligence process, the prospects are measured with the B Impact Assessment or Evaluation tool, the results of which are fed by the fund into the Balanced Scorecard.

⁶ Understood as the number of potential investments that an investor reviews during a given period, generally focused on seed companies or startups. At <https://www.recari.es/glosario.php>

STAGE 2

Investment decision and participation agreement.



Once the previous stage has been satisfactorily completed, the potential investor is presented to the Fund's Investment Committee, which forms the final instance in the investment decision-making process and provides advice to the Südlich Capital team.

During 2023 the Investment Committee consisted of: Anton Felmer (General Manager of Südlich Capital), Carlos Díaz (General Manager of Grupo Biomar), Alfonso Marquéz de la Plata (Commercial Vice President of Inchcape Americas), Victor Wellmann (General Manager of Hotel Cabañas del Lago) and Edgardo García (General Manager of Grupo Fiordo Austral). It is a highly qualified Committee, expert in the industries that constitute the focus of the Fund, which has supported us in making the best decisions.

In the process of evaluating a prospectus, the Committee may determine that certain elements need further review. In such cases, the prospectus is returned to the previous Due Diligence stage for the company to gather the necessary

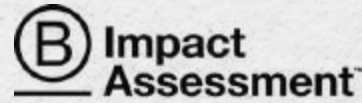
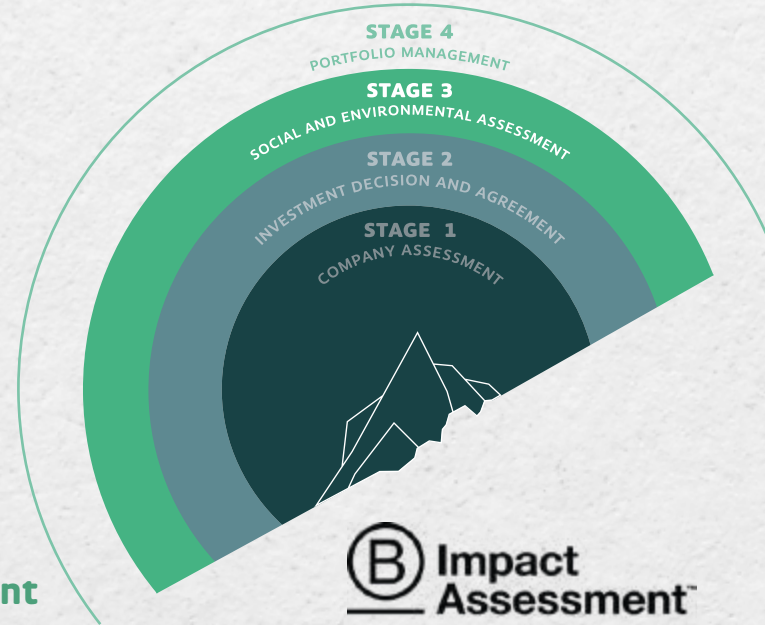
information for further review by the Committee. On the other hand, if the Investment Committee concludes that the impact is not fundamental to the business of the evaluated prospectus, the investment is rejected.

Once the investment decision is made, the prospectus advances to the investment agreement stage, which details the type of instrument to be used and the terms of the investment.

In all of the legal contracts that the fund employs, the entrepreneurs commit to dedicate a certain amount of time and financial resources each year to measure their socio-environmental impact and subsequently develop improvement plans. Südlich Capital's approach and what has been observed during the first year show that this legal component fosters genuine motivation in the entrepreneurial teams, who understand the valuable potential that can be gained from this process.



Social and environmental assessment



1. B Impact Assessment

It is used by more than 280,000 companies in more than 70 countries around the world. It allows an exhaustive analysis of the company's practices in 5 areas of sustainability and integrates multiple globally recognized certifications.

The five areas of sustainability are:



The detection of an impact business model is a natural consequence of the previous process, since the permanent interaction with the companies and the development of the measurement workshops allow to find out if the requirements to support an impact business model are met, which are derived from the purpose, address specific social or environmental problems, have independent studies that support them and generate value for specific stakeholders or interest groups.

The tools used are:



2. GRI Standards

The world's leading sustainability standards for the disclosure of the impact of companies on the economy, the environment, society, and their contribution to sustainable development. 85% percent of the world's sustainability reports are made under these standards.



3. SASB Standards

Developed by the Sustainability Accounting Standard Board, they provide a framework for identifying and reporting environmental, social and governance (ESG) issues that are financially relevant to companies. SASB defines material issues for 77 industries globally.

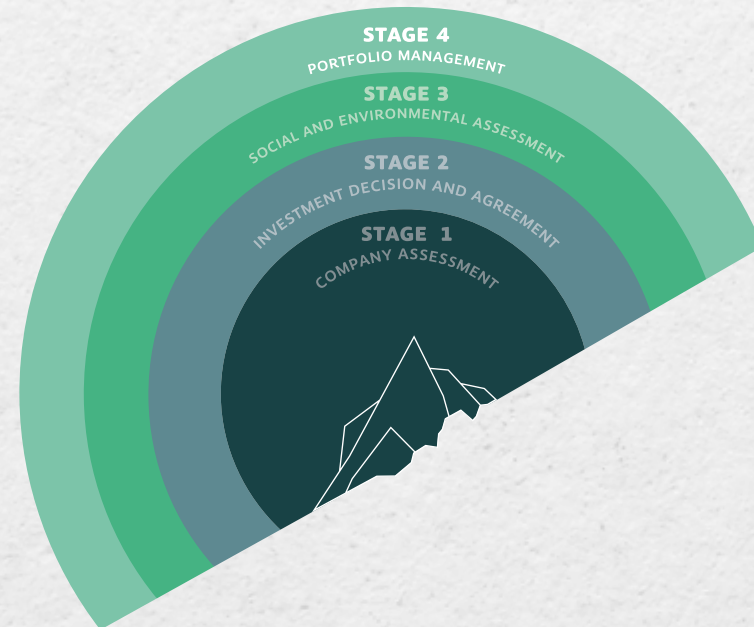


4. SDG Action Manager

A tool that combines elements of B Lab's B Impact Assessment with the Ten Principles of the UN Global Compact and the Sustainable Development Goals (SDGs) to guide companies in channeling their business actions in these areas through dynamic self-assessment, benchmarking against general standards and setting targets for improvement.

After conducting an exhaustive socio-environmental measurement with each of the startups in the portfolio, the consulting firm delivers a social and environmental impact report with the main strengths and challenges for improvement, the company's direct contribution to certain SDGs and their goals, in addition to the SASB material issues and indicators according to the respective industry.

Portfolio Management



The Südlich team firmly believes that a robust corporate governance is essential for long-term sustainable development. This philosophy is promoted from the board of directors of each portfolio company. In order to ensure that sustainability is fully integrated into each company's strategy, a director of the fund sits on the board of each company, thus ensuring that ESG metrics are diligently monitored and that the necessary measures are taken to improve the companies' sustainability performance and impact.

Therefore, after the first socio-environmental assessment, the appropriate ESG and impact metrics were defined for each company, which must be reported annually. Each year, an integrated method to measuring impact will be applied, allowing the results to be compared with those of the previous year. This approach, by consolidating both measurement results and metrics at the portfolio level, will allow the fund to collaborate with companies to chart a path towards maximizing the positive impact of the portfolio.

In the long term, this solid corporate governance is expected to act as a guarantor of impact, ensuring its permanence during the scaling process of each startup that makes up the fund.



V. Our Portafolio

Our portfolio in numbers

IMPACT BUSINESS MODELS

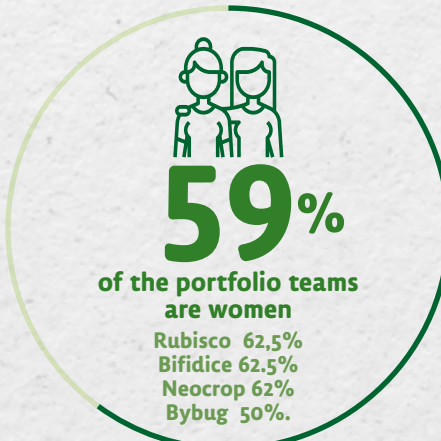



3 models
Environment:
Resource conservation


1 model
Customers:
Improvement of health
and well-being

(Based on the B Impact Assessment)

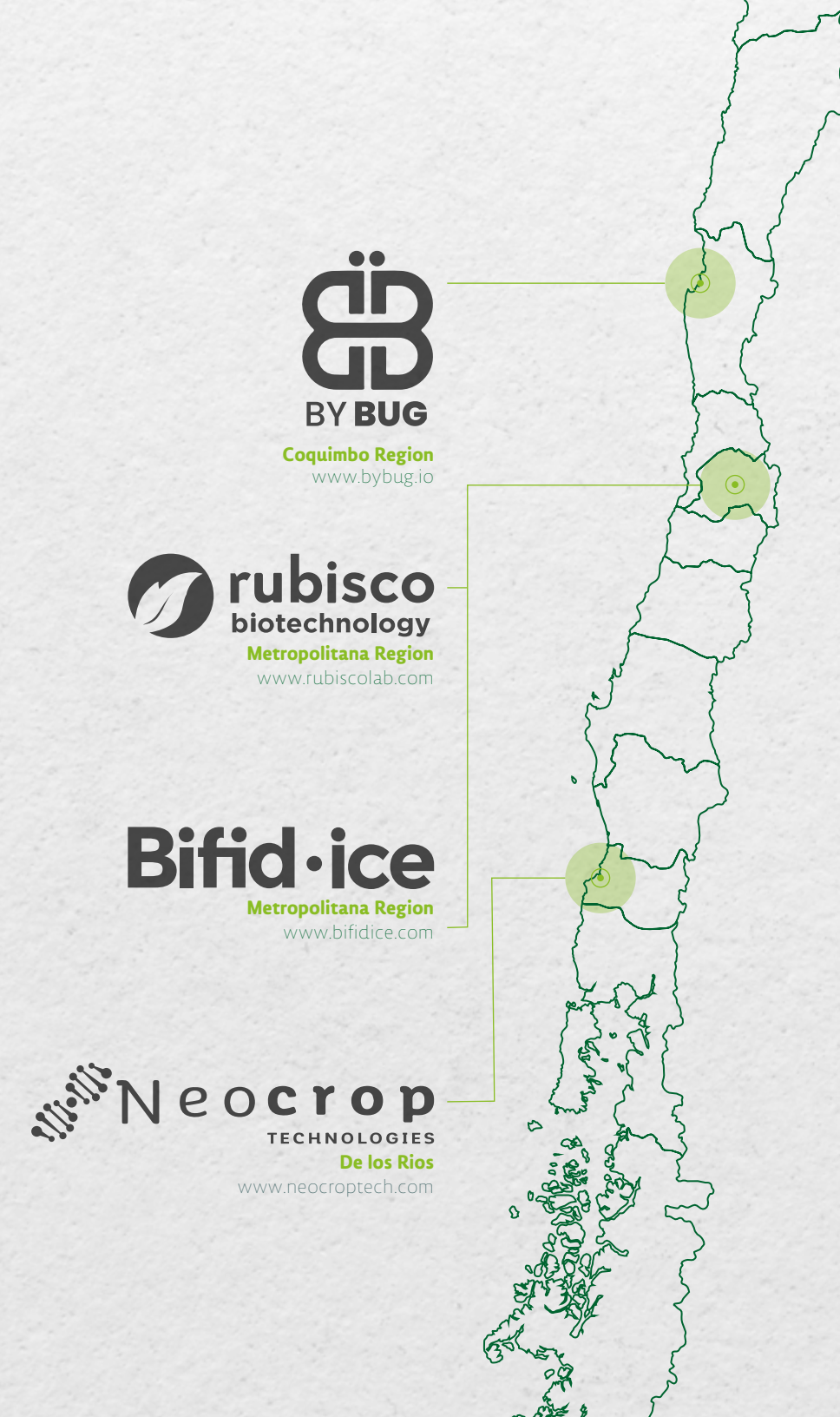
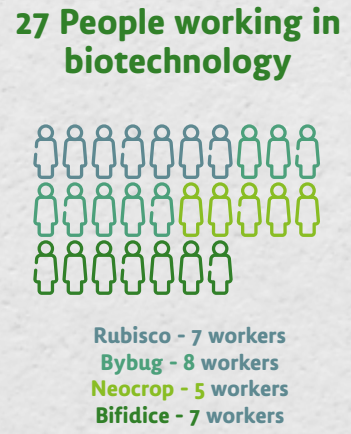
DIVERSITY



CORPORATE GOVERNANCE



WORKERS



SDGs IMPACTED



ESG performance of the companies comprising the fund's portfolio.

For this first report, the Fondo Exploradores I's portfolio includes 4 startups, which have undergone a rigorous process of socio-environmental assessment. Below is a consolidated summary of ESG variables detected in this process.



Corporate governance variables

Strengths

- All the companies that make up the fund have a defined purpose that considers social and/or environmental impact when making strategic decisions.

Challenges

- In Latin America, startups and companies in general face challenges in formalizing their practices. When these practices are transformed into policies, they transfer the value of the founding team's practices to the company itself.
- It is necessary to move forward in the implementation of codes of ethics and/or anti-corruption policies, which promote the expected behavior of team members and reflect the values of the companies.



Social variables

Strengths

- 100% of the portfolio has a formalized written organization chart and job descriptors for all positions in the company.
- They stand out from the overall companies in Chile, since 100% of the workers of the companies in the fund receive at least the minimum living wage defined for workers in Chile (gross CLP \$783,000)⁸. In addition, annual salary adjustments are made according to the variation of the CPI.
- The salary difference between the highest and the lowest salary does not exceed 5 times (5X).
- In addition, they have a defined budget for training.

Challenges

There are challenges in the generation of formal Policies that contain the commitments of the founding teams, such as:

- Non-discrimination policy.
- Periodic evaluations of the work environment.
- Evaluations of social attributes to its workers, among others.

⁸The minimum living wage, according to the Global Living Wage Coalition, allows a person and his or her family to have access to a decent standard of living. The value of the minimum living wage for Chile in 2024 corresponds to gross CLP \$783,000. At <https://www.globallivingwage.org/about/what-is-a-living-wage/>



Environmental variables

Strengths

- As leading companies in innovation and development, they constantly participate in discussion panels and other public dialogue forums related to social or environmental issues, contributing to the improvement of such standards at a national and international level.
- They have a policy, formalizing environmental protection and reuse practices.

Challenges

Challenges are observed in the measurement and management of resources such as:

- Energy.
- Water.
- Carbon footprint.
- Waste.

A look at our
portfolio.



Bifid·ice





It is a biotechnology company focused on catalyzing the biomanufacturing revolution; offering an alternative to infrastructure shortages by transforming agri-food by-products into products for various industries.

It contributes to the development of a circular and sustainable economy at a global level and has two lines of business: ByBug Synthetics® and ByBug® Farms.

- ByBug Synthetics® uses insect larvae as bioreactors to transform organic waste into recombinant proteins and other bioinputs.
- ByBug® Farms is an on-site organic waste valorization system that uses insect larval rearing to produce animal feed and fertilizer.

These solutions enable companies to reduce their carbon footprint and generate a positive social and economic impact.



Problem

The companies generate organic waste that ends up in landfills, causing environmental problems such as leachate, odors, greenhouse gases, and the proliferation of vectors. In the northern part of the country, drought and water shortages have caused problems in the agricultural sector, such as desertification, degraded soils, and reduced crop acreage.

Solution

By means of its modular System for organic waste valorization, By Bug takes care of both problems, since the modular system that is implemented in the client's facilities (company), receives the organic waste, grinds it, generating a homogeneous paste that is distributed in trays with fly larvae, which are then placed inside the "ByBug Farm" for 10-12 days. After this period, the trays are sieved separating the fertilizer from the larvae to be dried.

The fertilizer collected is delivered to small farmers, neighbors of the companies, to improve their soils and crops. Therefore, having this system in place reduces the carbon footprint associated with organic waste management and allows agricultural activities to continue in the area.

Impact



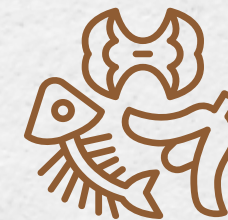
8

members of its team work in biotechnology, contributing directly to SDG 9.



50%

of female workers.



91ton

of organic waste are transformed into:



66tons

of FRASS⁹ capable of regenerating 1 hectare in 12 months.



6tons

tons of dry larvae (in 12 months), which can be used to feed animals locally in drought areas.



66tons

tons of fertilizer.



The social and environmental impact measurement revealed Bybug's strengths and challenges in terms of sustainability and ESG variables.

Strengths:

- Good practices with its workers, such as complementary health insurance extended to the family, corporate participation opportunities for workers.
- Its permanent contribution to the improvement of social and environmental standards, as well as its active participation in discussion panels on environmental issues related to its activity.

Challenges:

- Strengthening of a training system for its employees.
- To monitor the consumption of different resources, such as water, energy and waste, at its facilities (central shed).



After a rigorous measurement with the SDG Action Manager tool, it is possible to assert that ByBug contributes to the following SDGs and their respective goals*:



2.- Zero hunger
Target 2.4



9.- Industry, innovation and infrastructure
Target 9.4 / Target 9.5



12.- Responsible consumption and production
Target 12.3 / Target 12.5

* more information in Annex 1

⁹ Frass is the more or less solid waste excreted by insects and other related matter.



Biotechnology company dedicated to the research, development and production of natural active ingredients from native species. It uses cell culture technology to develop a sustainable production of plant biomass, protecting native resources and producing in an efficient and scalable manner.

It offers innovative, sustainable and value-added solutions, mainly for health, beauty and skin care, harnessing the power of native plants and the versatility of biotechnology platforms.



Problem

According to research by the Swiss Re Institute, 20% of countries worldwide are at risk of ecosystem collapse due to the loss of biodiversity resulting from the indiscriminate exploitation of natural resources.

(Source: World Economic Forum)

Solution

Committed to the agriculture of the future, Rubisco has developed an innovative cell culture technology that eliminates water consumption, compared to traditional agriculture; it also does not use arable land or pesticides; and dispenses with climatic factors that compromise the quality of the raw material. Through a 100% guaranteed control system, they provide standardized quality, unlimited extraction, while minimizing the impact on the ecosystem.

Source: <https://www.rubicolab.com/plataforma-id/>

Impact


341.550L
of saved water¹⁰


62%
of female workers.


Volume produced by RUBISCO to date.


330kg
of AustralCell™ Alerce
(Fitzroya cupressoides)


260kg
of AustraCell™ Maqui
(Aristotelia chilensis)

¹⁰ Comparing the production method developed by Rubisco Biotechnology with the traditional method of vegetable cultivation and harvesting, in which large amounts of water are used for the growth of plants and trees. According to the water footprint organization, in the traditional cultivation method, 500 liters of water are used to produce 1 kg of foliage.



The social and environmental impact measurement revealed Rubisco's strengths and challenges in sustainability.

Strengths:

- The company's practices with its workers and its permanent contribution to the improvement of social and environmental standards can be highlighted.
- In addition, they actively participate, through a permanent contribution, in various academic research projects.

Challenges:

- The installation of a training system for its workers.
- Having a system for monitoring the consumption of different resources in its facilities, such as water, energy and waste.



After a rigorous measurement with the SDG Action Manager tool, it is possible to state that Rubisco contributes to the following SDGs and their respective goals*:



9.- Industry, innovation and infrastructure
Target 9.1 / Target 9.4 / Target 9.5



15.- Life on land
Target 15.2

* more information in Annex 1

Bifid·ice

Bifidice, a company focused on human health, researches microbiota in humans, animals and microbiology. Its goal is to introduce its technology into food to transform the intestinal microbiota, strengthen the immune system and reduce allergies by up to 75%.

Bifidice created the first functional ice cream that helps fight allergies and chronic diseases thanks to its probiotic components and its unique bacteria stabilization technology, which allows 100% of the probiotics to reach the intestine.



Problem

Currently, more than 32 million people worldwide, including approximately 6 million children, suffer from food allergies, and their incidence has increased significantly in recent decades¹¹.

According to the CDC, food allergies in children grew by 50% between 1997 and 2011. In addition, patients with food allergies are observed to have different gut microbiomes than healthy individuals, and this imbalance may precede the onset of allergies and other conditions related to poor digestive health and lack of probiotics.

Solution

Bifidum Bacteria restores the intestinal Microbiota as when consumed regularly and in frozen format it strengthens the immune system, improves digestive health, modulating the intestinal microbiota, promoting immune tolerance and protecting against pathogens; which improves metabolism offering gastrointestinal protection.

Impact



During the company's 8 years of operation, it **has impacted**

32 thousand families.

They currently have

12 thousand families as permanent customers, who are **positively impacted in their quality of life**.



62% of female workers.



Studies in children from 2 to 7 years old, determined a

52% less of allergic diseases

with the consumption of Bifidice, observing **benefits in the first month of consumption**.

65% of lactose intolerant patients

decreased their symptoms with a daily dose of Bifidice for one month.

Study conducted on 6,854 preschool children showed that giving them a daily serving of Bifidice resulted in

75% less digestive diseases

52% less allergic diseases

30% % less in chronic respiratory diseases

In conclusion, **positive effect in the restoration of the intestinal microbiota and in the improvement of clinical symptoms of recurrent chronic diseases**.



The social and environmental impact measurement revealed Bifidice's strengths and challenges in terms of sustainability and ESG variables.

Strengths:

- They have outstanding practices with their workers in terms of salaries, benefits and training related to their positions.
- Also noteworthy is its permanent contribution to the improvement of social and environmental standards, as well as its active participation in discussion panels on environmental issues related to its work.

Challenges:

- As a challenge, there is a need to generate an internal regulation or workers' manual, strengthen a training system for its workers on issues complementary to the role and in the areas of inclusion and diversity.
- Formalize the follow-up of pro bono hours performed in lectures and seminars.
- In the environmental area, monitor the consumption of different resources (water, energy, waste) in its facilities along with the creation of a recycling program.



After a rigorous measurement with the SDG Action Manager tool, it is possible to assert that Bifidice contributes to the following SDGs and their respective goals*:



3.- Good health and well-being
Target 3.4



5.- Gender equality
Target N° 5.5



9.- Industry, innovation and infrastructure
Target 9.4 / Target 9.5

* more information in Annex 1

¹¹ At <https://www.nationalgeographicla.com/ciencia/2022/12/las-alergias-alimentarias-aumentan-en-el-mundo-causas-y-tratamientos>



Biotechnology startup that uses cutting-edge technologies such as non-GMO gene editing to develop new crop varieties. It works in collaboration with seed companies, research institutions and the fruit and forestry industry to create “Super Seeds” in a record time of 4 to 5 years. Its goal is to offer innovative solutions to address the agri-food challenges of this century.



Problem

Agriculture worldwide has its own characteristics, each region has its own climatic peculiarities, as well as the type of crop selected. However, in recent years, due to climate change and the same agricultural practices, significant adaptive challenges have been generated to continue producing crops.

The impact of climate change on agriculture forces farmers to take into account atypical conditions throughout the year, very cold winters or very hot summers, excess rainfall, humidity, droughts, among others, which has generated a need to produce resilient crops that adapt to climatic conditions.

Solution

Neocrop generates super seeds that achieve greater resilience to climate challenges, disease resistance by reducing or avoiding the use of pesticides and better nutrition, seeking to address the problems that climate change has generated in agriculture.

Impact



62%
of female workers.



2 edited lines
of seeds, to increase
fiber content¹²



**2 advances in
gene editing**
of white lupine and high beta-glucan oats
for the development of new varieties.¹³

¹² These seed lines are equivalent to varieties from one Chilean and one Argentine seed company. These wheat lines are currently undergoing speed breeding to increase grain yield and measure fiber content. This trait of increased fiber content is being developed on three genetic backgrounds (varieties), which will produce 6 high-fiber varieties, three from Chile and three from Argentina.

¹³ For both developments, the achievements in the identification of the genes to be edited, successful results in the transformation and in vitro regeneration of commercial varieties of both species, stand out.



Measuring social and environmental impact revealed Neocrop's current strengths and challenges in ESG and sustainability.

Strengths:

- Practices to promote equality and labor equity with its workers were detected. In addition, they have a formal statement that establishes the company's commitment to environmental protection.

Challenges:

- Formalization of its occupational safety practices.
- Strengthening of a training system for its workers.
- In the environmental area, monitor the consumption of different resources, such as water, energy, waste and carbon footprint.



After a rigorous measurement with the SDG Action Manager tool, it is possible to assert that Neocrop contributes to the following SDGs and their respective goals*:



2.- Zero hunger
Target 2.4 / Target 2.5



9.- Industry, innovation and infrastructure
Target 9.5

* more information in Annex 1

VI. Annex





The Sustainable Development Goals (SDGs) are a universal call to action for humanity, with the cross-cutting goal of ending poverty, protecting the planet and improving the life prospects of people around the world.

In 2015, all Member States of the United Nations approved 17 goals, which include 196 targets; which are part of the 2030 Agenda for Sustainable Development, in which a plan was established, initially to achieve the Goals in 15 years.

Currently, progress is being made, however, measures to achieve the objectives are not yet advancing at the necessary speed or scale.

The SDGs provide a unique opportunity for all sectors to unite around a common global agenda. The SDG action Manager is a tool that brings together B Lab's B Impact Assessment, the UN Global Compact Ten Principles and the Sustainable Development Goals (SDGs) to enable meaningful business action through dynamic self-assessment, benchmarking and improvement.

The SDG Action Manager is the tool used to comprehensively measure the contribution of each company, part of the Fondo Exploradores I's portfolio, to the 17 SDGs and their respective targets, as detailed below:



The Bybug company contributes directly to the following SDGs:

Nº2 Zero hunger.

Target 2.4: By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.

Nº9 Industry, innovation and infrastructure.

Target 9.4: By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities.

Target 9.5: Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.

Nº12 Responsible consumption and production.

Target 12.3: By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses.

Target 12.5: By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse.



Rubisco Biotechnology contributes directly to the following SDGs:

Nº9 Industry, innovation and infrastructure.

Target 9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all.

Target 9.4: By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities.

Target 9.5: Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.

Nº15 Life on land.

Target 15.2: By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally.



Bifidice contributes directly to the following SDGs:

Nº3 Good health and well-being.

Target 3.4: By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being.

Nº 5 Gender equality.

Target 5.5: Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life.

Nº9 Industry, innovation and infrastructure:

Target 9.4: Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all.

Target 9.5: Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.



Neocrop Technologies contributes directly to the following SDGs:

Nº2 Zero hunger.

Target 2.4: By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.

Target 2.5: By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed.

Nº 9 Industry, innovation and infrastructure.

Target 9.5: Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.

VII. References

Sarah L. Nordahl, Jay P. Devkota, Jahon Amirebrahimi, Sarah Josephine Smith, Hanna M. Breunig, Chelsea V. Preble, Andrew J. Satchwell, Ling Jin, Nancy J. Brown, Thomas W. Kirchstetter, and Corinne D. Scown. Life-Cycle Greenhouse Gas Emissions and Human Health Trade-Offs of Organic Waste Management Strategies. *Environmental Science & Technology* 2020 54 (15), 9200-9209. DOI: 10.1021/acs.est.0c00364.

Web

- Guide for Impact Investment in Chile (2020, 09). ACAFI. Retrieved June 6, 2024, from <https://www.acafi.cl/wp-content/uploads/2020/09/Gui%CC%81a-de-Inversio%CC%81n-de-Impacto-y-ABC-FINAL.pdf>.
- Spanish Venture Capital Journal, Glossary. www.recari.es
- Transforming our food system. The way we eat matters. 2024. www.wwf.cl
- Yang, A (2022) Food allergies on the rise worldwide: causes and treatments. www.nationalgeographicla.com
- What is a Living Wage?.www.globallivingwage.org
- What you need to know about impact investing, 2023. www.thegiin.org



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