

# Summary

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The information contained in this Report refers to the operations of Solví Participações S.A., known as Solví Group, headquartered in the city of São Paulo – SP, from January 1 to December 31, 2021. The companies of the Group have traditional legal formatting, between companies organized as a Corporation and as a Limited Liability Company.

Its content is updated annually and brings the actions of the organization and its impacts on society, the environment, the company and the growth of the sector through the activities carried out by its units in Brazil, Bolivia, Argentina and Peru. Through new acquisitions of technologies and business units, some indicators have changed their results. From this edition, this report was prepared following the Integrated Report template, maintaining the standard of the GRI (Global Reporting Initiative) Standards in the Essential option, with external verification, through BSD an Elevate Company, whose letter of assurance is from page 94, and the information is organized by capital (Financial, Manufactured, Intellectual, Human, Social and Relationship, and Natural). In addition to the printed version, the PDF document of this edition and all previous ones (last 2021/ fiscal year 2020) can be accessed on the website: www.solvi.com.

Any questions or suggestions about this content can be sent to the address comunicacao@solvi.com.

#### **Expedient:**

The Integrated Socio-environmental Report 2022 - fiscal year 2021 - is a publication for all our stakeholders, produced and edited internally, by the Communication and Sustainability area of the Solví Group. Chief Executive Officer: Celso Pedroso • Technical Director: Diego Nicoletti • Chief Financial Officer: Celia Francini • People and Communication Director: Ricardo Castro Lyra • Legal, Risk and Compliance Board: Eduardo Alves Rodrigues • Coordination: Ana Rita Castillo Lopes and Ariane Mayer Ferreira Embden • Editorial Project: Solví Communication • Journalist in Charge: Gracita Kerr (MTB: 19.020) • Edition: Aline Lemos de Ramos and Marina Schiave Rodrigues • Layout: Beatriz Ramos • Review: Ana Rita Castillo Lopes, Aline Lemos de Ramos, Priscila Midori Ide Kobayashi, Beatriz Ramos and Marina Schiave Rodrigues • Technical and indicator review: Luciana Cibelle Gutierres, Marina Schiave Rodrigues, Priscila Lopes and Ariane Mayer Ferreira Embden • Translation: Brazil Translations • Photos: Solví Group Collection and Freepik Image Bank https://www.freepik.com/



# Profile Organizational

Solvi Group is a conglomerate composed of more than 60 Sustainable Valuation Units - UVSs, which operate in multi-integrated environmental solutions.

With 150 operational bases, we have 34 brands present in hundreds of Brazilian municipalities, in addition to operations in Argentina, Bolivia and Peru.

The Group has a trajectory of more than 50 years marked by innovation, pioneering, security and high level of its services, putting the ESG principles (Environment, Social and Governance) into practice.

In 2021 we had

13651
employees

Being responsible for
12.6 million
of tons of treated and recovered waste

We generate

18,418,707

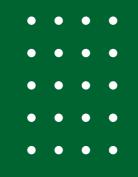
Carbon Credits and we produce

408.865MWh/year

of energy from biogas

Present in

Natural Capital



Our Mission, Vision, Values, Code of Conduct and Anti-Corruption Policy are known to all employees, including members of the Board, through training that takes place regularly. All corporate values are extended to our external stakeholders and are available in Portuguese, English and Spanish.

## **MISSION**

To offer solutions in waste, energy recovery and environmental engineering, operating and managing concessions and contracts for public and private customers.Promote the development of our employees and communities, creating value for shareholders, customers, suppliers and government, through sustainable growth and respect for the environment.

# VISION \_\_\_\_\_

To be the best group of management companies in environmental engineering of Solutions for Life and reference in the offer of differentiated, integrated and innovative services.

# VALUES \_\_\_\_\_

- Operating Safely
- Integrity;
- Staffing
- Innovation
- Excellence with Dynamism
- Social and environmental responsibility
- Partnership

# **PRINCIPLES OF** MANAGEMENT.

Harmonize the expectations of customers and users with the search for business results and developments of our employees through decentralized operations, planned and controlled corporately.

# Locations

- Maceio. GRI
- Murici. GRI

### AM

- Canoas . GRI
- Manaus . GRI

### BA

- Alagoinhas . GRI
- Camacari . GRI
- Feira de Santana . GRI · Salvador . GRI, Sotero,
- Termoverde and Battre
- · São Francisco do Conde . GRI and

#### Hera Ambiental

- São Gonçalo dos Campos . GRI
- Simões Filho . GRI and Águas
- · Vitoría da Conquista . GRI

Г
Ε,

• Fortaleza . GRI

• Serra . GRI

### GO.

- Brasília . GRI
- Guapó . Residuo Zero

- Paragominas . GRI
- Altamira . GRI
- · Oriximiná . GRI
- Ourilândia do Norte . Solví Essencis
- Marituba . Guamá

• Altos . Piauí Ambiental

- •Araquari . GRI
- Fraiburgo . GRI
- Joinville . Essencis Catarinense

[GRI 102-4, 102-6 and 102-7]

### MG \_\_\_\_\_

- · Alfenas . Alfenas Ambiental • Araxá . GRI and Solví Essencis
- Belo Horizonte . GRI
- Betim . GRI, Viasolo and Essencis
- Conselheiro Lafaiete . GRI and

#### Ecovia

- Ibirité . GRI
- Ipatinga . GRI and Solví Essencis
- Jeceaba . GRI
- Juiz de Fora . GRI and Essencis
- Matias Barbosa . GRI
- Montes Claros . GRI and Viasolo
- Ouro Branco . GRI
- Sabará. Viasolo
- Uberlândia . GRI
- Varginha . GRI

### PE

- Ipojuca . GRI
- Jabatão dos Guararapes . GRI
- Recife . GRI

### PR\_

- Araucária . Solví Essencis
- Curitiba . GRI and Solví Essencis
- Paranaguá . Solví Essencis
- Ponta Grossa . GRI
- · São José dos Pinhais . GRI
- · São Mateus do Sul . Solví Essencis

- Barra do Piraí . GRI
- Belford Roxo . GRI and BOB
- Colégio . Koleta Ambiental • Itaboraí . GRI
- Itatiaia . GRI
- Macaé . GRI and Solví Essencis
- Magé . Solví Essencis
- Niterói . GRI
- Resende . GRI
- Rio de Janeiro . GRI and Solví Essencis
- São João da Barra . GRI

Brazilian municipalities



- Canoas . GRI
- Capela de Santana . Essencis **Ecotottal**
- Giruá . CRVR
- · Gravataí . GRI
- Minas do Leão . Biotérmica and CRVR
- Porto Alegre . CRVR • Santa Maria . CRVR
- São Leopoldo . CRVR
- Triunfo . GRI

Victor Graeff CRVR and Biosaúde

• Tramandaí . CRVR

- Barueri . GRI
- · Cabreúva . GRI
- · Caieiras . Solví Essencis, Emergenciall, GRI and Termoverde
- Cajamar . GRI
- Coroados . Organo Solví
- Cubatão . GRI and Solví Essencis
- Guaratinguetá . GRI
- · Guarulhos . GRI
- Indaiatuba . GRI
- Itu . GRI
- · Jacareí . GRI • Jundiaí . GRI
- Marília . Revita
- Mogi das Cruzes . GRI
- Paulínia . GRI • Piracicaba . GRI
- Porto Feliz . GRI
- Ouatá . Revita • São Carlos . São Carlos Ambiental
- Registro . GRI
- · Santa Isabel . GRI
- Santo Antônio de Posse . GRI
- São Bernardo do Campo . GRI and São Bernardo Ambiental
- São José do Rio Preto . GRI
- São José dos Campos . GRI · São Paulo . Koleta Ambiental,
- Solví Essencis, Loga, SMARTie and Instituto Solví
- · Sorocaba . GRI
- Tatuí . GRI
- Taubaté . GRI
- Itaberaba . Solví Essencis
- Taboão da Serra . Solví Essencis

Operational







Locations International



04 Countries



Trademarks

### Bolivia

· Santa Cruz de la Sierra. Vega Bolívia

### Argentina

· Rosario . LimpAr

• Córdoba . LAMSA

• Lima . Innova • Lurín . Innova

Peru

- Carabayllo. Innova
- Trujillo . Innova

"Our commitment is to leave a legacy for society and the Planet."

## 1990

In 1997, the formation of the Group began with the incorporation of the public cleaning companies Vega Engenharia and Relima by the multinational Suez (Franco-Belgian energy company). The creation of GRI – Gestão de Resíduos Industriais and the company Essencis Soluções Ambientais, in 1998 and 1999, respectively, marked the Group's entry into the industrial waste sector.

### 2010

With a consolidated Corporate Governance structure, in 2010, the Group presented the Solví Business Model (MES) to the market.



Check out the complete history of the Solví Group!

### 2016

Authorization from the National Electric Energy Agency (ANEEL) to start operating the largest biogas-fired thermoelectric plant in South America, Termoverde Caieiras, with an installed capacity of 29.5 megawatts (MW).

### **2017**

Launch of UVS Residue Zero in Aparecida de Goiânia - Goiás.

### 2019

Solví Group signs an Integrity Sector Pact; Acquisition of 36.72% of Solví Group's equity interests by the Macquarie Infrastructure and Real Assets Fund (MIRA); Constitution of the São Bernardo Ambiental consortium (SBA).

### 2021

- Change of corporate name of Essencis Soluções Ambientais to Solví Essencis Ambiental S.A, except Essencis MG, Santa Catarina (Catarinense) and Rio Grande do Sul (Ecotottal), due to corporate structure;
- Publication of Commitments and Sustainability Policy; Beginning of emergency response operations with the performance of the EmergenciALL team; Inauguration of UVs Biosaúde for Health Waste in RS;
- Launch of Labsolví, the Group's innovation project development hub;
- Obtaining the Seal of Integrity Pro-Ethical Company granted by the Office of the Comptroller General (CGU) and the Ethos Institute for 7 UVs of the Group (Solví Corporativo, Alfenas Ambiental, Battre, Ecovia, Resíduos Zero Ambiental, Termoverde Salvador and Viasolo Engenharia Ambiental).

### 2000

- In 2003, Suez Ambiental was created, which started to manage the businesses in the areas of public and private waste and sanitation.
- The Solví Group emerged three years later with the purchase of Suez by the team of directors of Brazil.
- Also in 2006, Solví Valorização Energética was born and the Group started its investments in renewable energy.
- The year 2007 was marked by the creation of the Solví Academy of Excellence. This year, the Solví Group Code of Conduct was published.

In the same period, the company stood out for its pioneering spirit, inaugurating in São Paulo the first mechanized waste sorting plant in Latin America (investment of BRL 26 million) and the 1st Green Energy Auction.

### 2012

Start of operations in Bolivia.

### 2013

"Ser Solví" Program - concept of brand identity and purpose of action.

### 2014

Shareholding control of Essencis, which started to operate alongside GRI, Koleta and Organosolví.

### 2015

Inauguration of the first landfill biogas thermoelectric plant in Rio Grande do Sul

### 2018

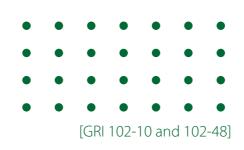
5 new UVSs were launched:

- · Zero Waste Guapó/ GO;
- Sotero Ambiental Salvador/BA;
- CRVR Victor Graeff/RS:
- CRVR Transhipment Tramandaí/RS;
- Lam Córdoba, Argentina.

Sale of 100% of the capital stock of Companhia de Saneamento do Norte (CSN) and Companhia de Saneamento de Manaus (CNM), holder of Manaus Ambiental and Rio Negro Ambiental concessionaires.

### 2020

- Update of the Group's Code of Conduct and Compliance Policies;
- Launch of SMARTie, the first Brazilian open innovation program aimed exclusively at the environment;
- Essencis Taboão da Serra Incinerator is the only one selected in Brazil to participate in the Ozone Depleting Substances Waste Management and Final Disposal Program (SDOs), coordinated by MMA and implemented by the United Nations Development Program UNDP.
- Inclusion of "Operate Safe" and union of "Excellence" and "Dynamism" values in the list of Group Values.





# Bill's Word **President**

2021 brought us many challenges and achievements. The paradigm shifts of the world scenario reinforced that sustainability is not only a business strategy, but a matter of survival for the Planet. In this challenging scenario, our purpose of building a better future for the next generations has gained even more recognition and we reaffirm our pillars of the MES – Solví Business Model, our ESG in practice.

For more than 10 years guiding our steps, MES has led us on the path of sustainability, valuing people and communities and acting in an integrated and transparent manner with our stakeholders. We operate every day with a focus on our commitment to the planet and society.

Today we have the most complete multi-technology plant of sustainable value in the country with the largest biogas thermoelectric plant in Latin America, one of the largest in the world. We were the first in the world to issue carbon credits from a landfill and we started, this year, the implementation of large-scale biomethane production from waste. We make our customers even more circular from our SOLCircular platform and we strengthen ourselves with the creation of the Sustainability/ESG Commission composed of representatives from strategic areas that guide us in the development, implementation and maintenance of our actions, reinforcing our commitment to sustainability.

To support our continuous improvement project, we started to make this Annual Report under the GRI guidelines, submitted to audit as of this edition. Two years ago, we applied to GRESB, a rating that evaluates Environmental, Social and Governance (ESG) performance, raising our score by 30% from 2020 to 2021, and other related real asset performances to provide validated operating performance data for the capital market.

**GRI Summary** 

We were the first company in the sector to receive 5 stars in the A2S Seal - Safe and Healthy Environment, reflecting our culture of prevention and interdependence that permeates all our UVS -Sustainable Valuation Units with the OPS program! - Operation, Productivity and Safety. We raised the compliance bar and raised the sector as a whole, of the 67 companies in Brazil that obtained the Pro-Ethics Seal in 2021, 7 companies belong to the Solví Group. In addition to having the certification of ISO 37001- Anti-Bribery Management System, in 36 units.

We celebrate the 20th anniversary of the Solví Institute, which in these two decades promoted and stimulated socio-environmental entrepreneurship in our UVS supporting local prosperity and benefiting approximately more than 10 million people.

That's what we exist for. We create solutions for industrial and household waste by helping to take care of life and connecting now with an even more sustainable tomorrow. Our companies share principles, values and a vision of a better world, so we have the best structure to strengthen the path of companies and society in the sustainability journey.

#### **Celso Pedroso**

CEO of the Solví Group





# Future Vision

We have increasingly unified and strengthened our operations and businesses and we count on partnerships to continue to perpetuate our purpose of offering solutions for life, and thus, to be the bridge to a sustainable future for the next generations. We will continue to focus on ensuring that circularity can be practiced in waste management and thereby ensure the prosperity of life on our Planet.

We know that through the journey to unite progress and sustaintability, we are the key and the example regarding the chain of environmental management, with end-to-end technological integration, since the logistics and screening processes going through the treatment, recycling and destination, enabling waste recovery and the generation of energy from the sustaintable renewable sources.

In addition to contributing to the country's energy matrix, we will become self-sufficient in energy in all our UVS.

The New Legal Framework for Basic Sanitation and the regulation of the PNRs - National Solid Waste Policy bring significant advances to our sector and pave our way. We agreed in Our Sustainability Policy – by 2030, to increase by 100% the turnover of businesses focused on resource recovery and regeneration of ecosystems, including reverse logistics of post-consumption waste, waste sorting, composting, blending and co-processing, as well as the treatment of effluents and private services of TWM (Total Waste Management).

Our technical area dedicated to Innovation, Sustainability and Circular Economy, will continue to focus on investments in technologies that allow the recovery of resources and promote the complete cycle of sustainability. Our SOLcircular platform already allows us to know the degree of circularity of our operations and UVSs, as well as the level of circularity of our customers, indicating solutions for reuse, recovery and recycling of waste, whenever economically viable.

We continue to advance our commitments and our strategy to fight climate change, generating carbon credits from the treatment of methane gas and neutralizing emissions from our operations.

Our Citizen Partnership Program with Society, the PPCS, will continue to work to promote the sustainable development of the communities in which we operate, working so that the projects promote local development and achieve effective and lasting results, strengthening the communities as agents of their own transformation.

MES - Solví Entrepreneurship Model, through its Management Programs, has maintained the Group's excellence in environmental, social and governance precepts for more than 4 decades, practicing ESG concepts since the beginning of its trajectory. Thus, the Solví Group will always continue to evolve and innovate, creating solutions for industrial and household waste that help to take care of life. We will continue to seek the answers that connect the now with a more alive tomorrow. All this because we are a group of companies that share beliefs, values and a vision of a better world, demonstrating its value to transform the future we will leave as a legacy for our children and grandchildren.

# Materiality Matrix

Solvi's Materiality Matrix consisted of the process of analyzing and identifying the most relevant issues for the organization, taking into account business strategies and the perception of the impacts caused by it through consultation with the public with which it relates, its stakeholders.

This matrix was developed in 2021 through an online survey, and we plan to update it in 2023. Consultation with our stakeholders was essential to direct the material topics to be developed in the company and presented in this report.

We aim at a constant interaction with our stakeholders, and each of the Group's business areas interacts in order to maintain a good relationship with each of the audiences, and may occur through our Solví Business Model (MES) programs, which are: the Contract Management Program (PGC), Citizen Partnership Program with Society (PPCS), Integrity and Sustainability Program (PIS), Value Creation Program (PCV).

The content of the report and the material themes, that is, the themes that are priorities for Solví, were defined by the materiality matrix developed through research, which had the contribution of 62 internal stakeholders and 76 external

stakeholders, these being employees, shareholders, advisors, suppliers and customers.

25 topics were raised and identified in the environmental, social and governance axes and presented to stakeholders for evaluation.

With the results of the consultation, a matrix was elaborated, crossing the scores obtained from the themes presented to internal and external stakeholders.

Through the matrix, 14 topics were defined and validated as materials because they are more relevant to stakeholders and are aligned with the strategic planning of the Solví Group.

Subsequently, the material topics were related to the 17 Sustainable Development Goals (SDGs) defined by the United Nations (UN).





Subject matter	GRI Indicators	External and I	nternal Impact
		Internal	External
Water Care	303-3 and 303-5	×	X
Soil Preservation	-	Х	X
Waste Management	306-2	Х	X
Climate Change	305-1, 305-2 and 305-5	Х	X
Energy	302-1	Х	Χ
Health and Safety Work conditions and standards	403-2, 403-3, 403-4, 403-5, 403-6, 403-7, 403-8 and 403-9	Х	Х
Child labor Forced or compulsory labor	408-1 and 409-1	х	Х
Customer's satisfaction	418-1	Х	
Development of the community Local employment	413-1		X
Diversity	102-8 and 401-1	Х	×
Bribery & Corruption	205-2 and 205-3	Х	X
Political contributions	415-1	Х	
Ethics and integrity	102-16 and 102-17	Х	
Whistleblower Protection	205-2 and 418-1	Х	

# Commitments

**Natural Capital** 

In 2021, public commitments and goals were defined, guided by the sustainability policy, with the purpose of strengthening actions and promoting positive socio-environmental impacts.

Thus, the Solví Group will always continue to evolve and innovate, guided by Sustainability, demonstrating its value to transform the future that we will leave as a legacy for the next generations.

**Energy self-sufficiency** - Being self-sufficient in electricity in our UVS by 2026.

**Water self-sufficiency** - Be self-sufficient in water management in production processes in our UVSs by 2026.

**GHG emission** – If zero carbon impact is made for emissions from the group's use of fossil fuels by 2035.

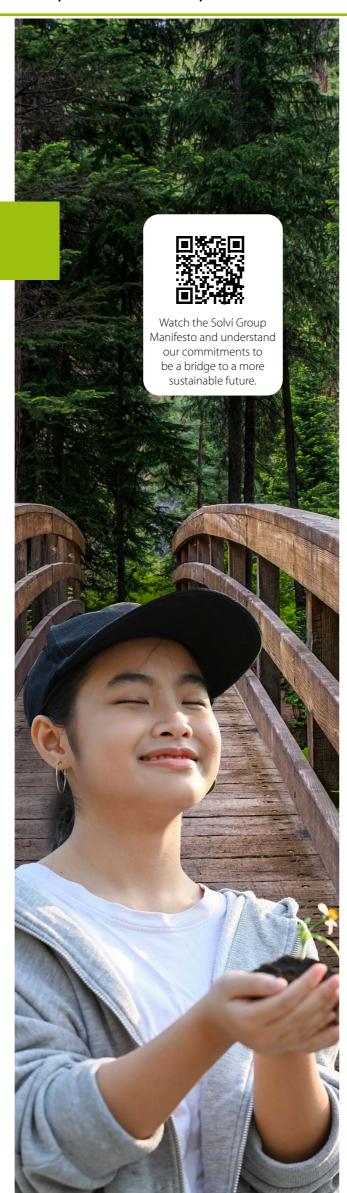
**Businesses that support a circular economy** – by 2030, increase by 100% the revenue of businesses focused on resource recovery and regeneration of ecosystems, including reverse logistics of post-consumption waste, waste sorting, composting, blending and co-processing, as well as the treatment of effluents and private services of TWM (Total Waste Management).

**Diversity** – Ensure that there is no discrimination, promote an inclusive and diversified culture for all employees belonging to groups considered as minorities and strengthen the social programs of the PPCS.

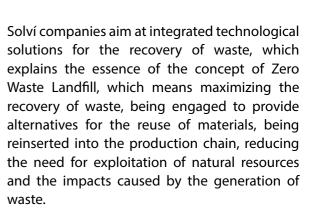
**Health and Safety** - Continuously improve the group's health and safety prevention culture by disseminating this value among all stakeholders .

**Zero Bribery** - Handle strictly any proven case of corruption involving the Solví Group in the relationship with its stakeholders.

There will be a transition period defined for future acquired companies that are not at the same stage of maturity as Solví, with the purpose of adapting and contributing to the achievement of the Group's commitments.





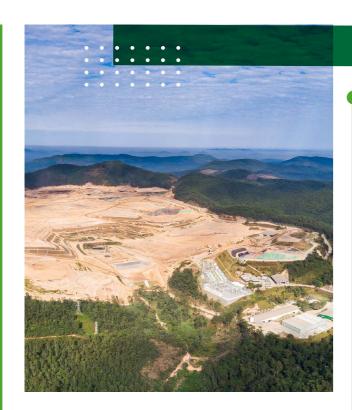


Our technology eco-parks spread throughout all regions of Brazil, in addition to units in Argentina, Peru and Bolivia, adequately treat more than 12.6 million tons of waste. The manufactured capital of the Solví Group also has Effluent/ Reverse Osmosis Treatment Stations, blending plants for co-processing, composting, recovery of electronic scrap and health waste treatment (RSS), sorting and waste processing plants, transfer stations, reverse logistics, incineration, energy recovery and thermoelectric plants.

# Our

# Services

**Natural Capital** 



### **Treatment and Disposal**

The Solví Group has a mastery of multi-technologies and uses them in an intelligent and integrated manner. This way you can always present the best solution for the customer with guarantee of safety and agility, in addition to the best cost-benefit. It has its own units for waste treatment and recovery, state-of-the-art infrastructure and ISO 9001, ISO 14001 and OHSAS 18001 certifications (ISO 45.0001):

- · Class I Landfill Hazardous Waste;
- Class II Landfill Non-Hazardous Waste;
- Co-processing/CDR;
- Reverse Manufacturing/Reverse Logistics;
- Incineration;
- Organic Composting;
- Thermal Desorption;
- Effluent treatment;
- Screening and Recycling.

# **Energy Valuation**

Solví is the leading company in Brazil in the generation of energy from biogas from landfills, having 3 thermal plants in operation. The plant uses as fuel for the generation of energy the methane gas from biogas resulting from the decomposition of organic waste deposited in the landfills. The generation of energy from methane is a sustainable way of valuing landfill gases, in addition to generating carbon credits.

- Generation of sustainable energy with the capture and valorization of biogas from landfills.
- Carbon Credits;
- Biomenate Project.

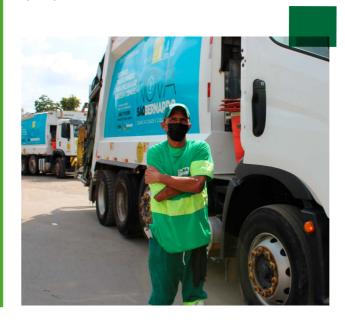


### **Concessions and PPPs**

To provide quality services to the population, based on long-term contracts signed with municipal governments, with respect for the environment as a basic premise. This is the main purpose of the Solví Group in the Public Waste segment.

#### Practice areas:

- Home Collection;
- Hospital Collection;
- · Landfill Management and Operation;
- Selective Waste Collection;
- Special Cleaning;
- Maintenance of Green Areas;
- Transshipment;
- Health Waste Treatment (HCW);
- Recycling;
- Cleaning of Public Roads;
- Treatment and Recovery of Civil Construction Waste (RCC).





### **Industry Solutions**

To promote innovative solutions in environmental management aimed at the sustainable disposal of waste generated by the industrial and retail segment. This is the main mission of the companies of the Solví Group that are part of the Private Waste segment.

- Industrial/Commercial Collection;
- Composting;
- Total Waste Management (TWM);
- Organic and Mineral Fertilizer Production;
- Screening and recycling;
- Atmospheric monitoring;
- Remediation of Impacted Areas.

"We act as Sustainable Valuation Units, a concept in which the relationship and care for society and the quality of life of people are as relevant for the company as the economic results."



# Treatment and Disposal



Paraná, Rio de Janeiro and São Paulo



Minas Gerais, Rio Grande do Sul, Santa Catarina

It offers to the Brazilian market environmental multi-solutions for the private and public sector, with final disposal of class I (hazardous) and II (non-hazardous) waste, Class Il waste sorting and transfer station, Effluent Treatment Station (ETE), incineration, blending, product decharacterization, tax advice and brand protection; manufacture of electronic scrap and automotive catalyst, thermal desorption for decontamination of soil and biogas - credited for carbon credit generation, in addition to the

management of impacted areas.

**Natural Capital** 





city of Salvador and for the operation

of the Central Metropolitan Landfill,

which serves the municipalities of

Salvador, Simões Filho and Lauro de

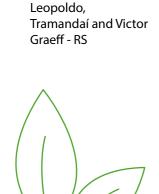


Marília and Quatá

Freitas.

Through the Revita Quatá and Marília UVs, we received class II (nonhazardous) waste in a landfill and Transhipment operation (UVs Quatá).

Final disposal and recovery of municipal solid waste in six Sustainable Recovery Units (UVSs) with class II landfill operations (nonhazardous waste) in all UVSs, except Tramandaí which operates a transfer unit, and Porto Alegre where the company's office is located. Through reverse osmosis in the units of Giruá and Santa Maria, it is possible to internally treat the effluent generated in the decomposition of waste. And we generate carbon credit through the UVSs Minas do Leão and São Leopoldo.



Giruá, Minas do Leão,

Porto Alegre,

Santa Maria, São





Urban waste processing treatment center, class II landfill (non-hazardous) and reverse osmosis plants for internal effluent treatment, generated by the decomposition of the waste.

Guamá





São Francisco do Conde, BA

[GRI 102-2 and 102-6]

It operates with implementation, operation and maintenance services of the sanitary and industrial landfill, to receive class II (non-hazardous) waste, serving several municipalities in the Metropolitan region of Salvador and capital; in its garden, it produces and donates native plant seedlings.





Guapó - GO

RESÍDUO ZERO Waste Zero is a service provider specialized in environmental solutions in the state of Goiás. It receives waste in class I (hazardous) and class II (nonhazardous) landfills, in addition to the treatment of Health Service Waste (RSS) through autoclave. It also treats Effluents through its Treatment Station (ETE).



Betim, Montes Claros and Sabará - MG

and recovery segment through the implementation and operation of the Montes Claros landfill, sorting plant, autoclave for health services waste in Betim, collection and transportation of civil construction waste, as well as the provision of cleaning services, collection and disposal of municipal solid waste in the municipalities of Sabará and Betim.





It operates with a focus on the area of final destination and processing of civil construction waste. Responsible for receiving and treating 60% of the solid waste from Salvador and the Metropolitan Region.



Simões Filho - BA

# **Energy Valuation**



Salvador - BA

Termoverde

Minas de Leão - RS

Termoverde

**Natural Capital** 

Termoverde Salvador is located inside the UVS BATTRE landfill and generates clean energy from its biogas. It was the first thermoelectric plant to use landfill biogas in the Northeast, besides being the first to issue carbon credits.





Concessionaire for the household waste collection, transportation, treatment and final disposal services and health services in the Northwest region of the city of São Paulo. Loga was the first company to use mechanized collection (underground and surface system) in São Paulo and has the largest mechanized screening center in Brazil, next to the transfer unit, in addition to operating the autoclave center.



São Paulo - SP



Salvador - BA

Sotero Ambiental operates in the city of Salvador using high-tech equipment, is a service provider specialized in waste collection in 48% of the territory of the capital of Bahia, urban cleaning and maintenance of green areas.





Carabayllo, Lima, Lurín, Santiago de Surco, Trujillo - Peru

Established in Peru, it is a company dedicated to the integral management of solid waste, offering street cleaning services (sweeping and washing), collection, transportation and logistics of solid waste, maintenance of green areas and final disposal of waste in the landfills of Portillo, Zapallal and Trujillo.



Termoverde Caieiras is located within UVS Solví Essencis. It is considered the largest thermoelectric plant powered by landfill biogas in Brazil and one of the largest in the world. In addition, the generation of clean energy from biogas (renewable fuel) is also accredited for the emission of carbon credits.



It is a provider of environmental services for the municipality of São Bernardo do Campo, specializing in urban cleaning, janitorial, home and selective collection, in addition to the management of the 2 screening centers.



São Bernardo do Campo - SP





Minas Gerais - MG

[GRI 102-2 and 102-6]

It provides collection services of household and recyclable solid waste, in addition to the treatment of class II (non-hazardous) waste through the landfill located in Alfenas.

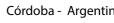


Located in the city of Rosario, Argentina, limpAR provides urban cleaning and waste management services such as street sweeping, weeding, as well as urban waste collection and container collection.





Located in the city of Córdoba, Argentina, LAM provides services



for the collection of non-hazardous household waste, conservation and proper disposal.





It works with solutions in collection treatment and final disposal of urban and industrial solid waste through the transfer station, and the landfill in Santa Cruz de La Sierra, in addition to receiving an autoclave.





Caieiras - SP

BI©TÉRMICA

Biotérmica is accredited to issue carbon credits, being the first thermoelectric powered by landfill biogas that generates clean energy in Rio Grande do Sul, being located within UVS CRVR in Minas do Leão - RS.



São Carlos **Ambiental** 

Loga is liable for the provision of home waste collection services in São Carlos, through the management of the class II landfill, receives nonhazardous waste, and through the operation of the Autoclave, treats and disposes of Health Service Waste (RSS).



São Carlos - SP

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# **Industry Solutions**



Customized environmental management solutions on the customer's industrial facility: packaging, internal logistics, selective collection and disposal; active in several segments such as food, automotive, pharmaceutical, steel, mining, sanitation, energy, oil, airport, among others.



of waste from companies, large

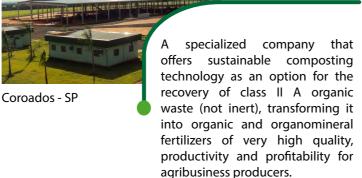
generators and businesses.



Environmental chemical emergency response company of prompt response to accidents with dangerous products, developing its activities throughout the national territory. They offer advice, consultancies and training aimed at serving all customers in a differentiated manner.



Brazil



Organosolví



Caieiras - SP

Solví Essencis Prameq monitors atmospheric emissions, with over 30 years of experience in the market and expertise in the provision of Engineering and Environmental Management services, serving industries throughout Brazil.



[GRI 102-2 and 102-6]





# Support to UVSs

## CSC - Shared Services Center

**Natural Capital** 

Created in 2009 for the Group to focus on its strategic performance, the Shared Services Center (CSC) assumed the role of exclusive service provider of the Sustainable Valuation Units (UVS), with the scope of the processes of:

- · Personnel Management;
- Accounting;
- · Financial Statements;
- Equity Control;
- · Tax;
- Supply;
- Financial Services
- Information Technology;
- · Information Intelligence;
- Center of Excellence focused on Continuous Improvement.

### **AtentaCor**

Established in 2014, Atenta aims to support companies in the management, evaluation, structuring and contracting of all insurance and benefits required in operations, such as:

- General Liability Insurance;
- Environmental Civil Liability;
- Civil Liability Cyber Risk;
- Civil Liability for managers D&O;
- Optional Civil Liability Vehicles;
- Automobile;
- Transport;
- Life Insurance;
- Dental Insurance
- Health Insurance;
- Private Pension
- Performance Bond





Centro de serviços compartilhados



### **SMARTie**

SMARTie is the Open Innovation and Corporate  $Venture\ program\ of\ the\ Solvi\ Group.\ It\ was\ created$ in 2020 by the Group's leaders and became the first Venture Capital focused exclusively on the environment in Brazil.

### Solví Institute

[GRI 102-2 and 102-6]

Completing 20 years of activities in 2021, Instituto Solví is responsible for promoting and encouraging socio-environmentalentrepreneurship in the Group's units, in addition to supporting the qualification of managers and employees to be agents of change in favor of sustainable development.





# Operations

[GRI 102-2, 102-6 and 102-7]

ETP - Effluent Treatment Plant

The leachates generated by

organic waste deposited in the

Treatment Plant

landfill are treated in an ETE

(Effluent Treatment Plant).

Effluent

the decomposition of the

Through our multitechnologies, in 2021 we treated in a sustainable

12,647,314

**Natural Capital** 

tons of waste

#### Incinerator

Waste that is unusable for recovery or that is technically incompatible for treatment in other technologies is thermally destroyed in incinerators.

**01** Incinerator

### **Screening Centers**

Recyclable materials such as plastics and papers are separated for sale to recyclers.

**06**Screening Plants

#### Collection and transportation of waste and caretakers of cities

Concession Services and PPPs or Industrial Services performing the management, collection and transfer of public and private waste. It also has the care of the cities, such as sweeping services, maintenance of green areas and cleaning of beaches.

14 Collection Centers

Transfer

Transfer

**About** Inhabitants with **10 million** Home collection

Ton. of household **3,2** million waste collected

4,3 million Inhabitants with

Selective waste **thousand** Ton of waste collected from selective collection

Biogas is one of the products of the decomposition of organic matter present in waste that is deposited in landfills. Controlled burning in Biogas allows less harmful gases to be emitted to the ozone layer, mitigating negative impacts.

#### **Thermal Power Plant**

Generation of energy through the capture of biogas generated in the decomposition of waste disposed in the landfill.

**03** Power Plants Thermal Power **Plant** 

408,865

MWh/year of energy generated

**Reverse Logistics** 

Play Clean Operations

Electronic scrap and automotive catalyst recovery plants

### **Reverse Logistics**

The materials of the products mischaracterized in Reverse Logistics (electronics, consumer goods and food) such as plastics and metals can be sent for sale for recycling, generating credit to manufacturers.



05

**CDR** Blending **Plant** 

### Blending | CDR

Industrial waste blend transforming it into waste-derived fuel (CDR) for use in cement kilns or as a raw material in the cement

Regenerative process treats contaminated soils such as gasoline, diesel oil, fuel oil, kerosene, among others, thus eliminating contaminants and the possibility of reusing this soil, now decontaminated.

**01**TDU

**6,482** Private customers

Government Procurement 285 2,640 Commercial and

industrial customers served by waste collection

**Refuse Landfill** 

Receipt of domestic and industrial waste in pits with soil protection, capture of biogas and slurry, in addition to compaction and coverage of waste.

**39**Landfills in Operation

12,388,609

[GRI 102-2, 102-6 and 102-7]

Tons of waste disposed of and handled correctly in landfills

**Autoclave** 

Health service waste requires microbiological decontamination before being disposed of in the landfill. The temperature and treatment time performed by the autoclave guarantee this decontamination.

**05** Health Service Waste Treatment Plants - RSS Composting

The clean fraction of organic waste can be recovered through the composting process, where the waste will be transformed into organic compost to be used/recovered as organic fertilizer.

O2 CDR Blending Composting



Civil Construction Waste

The construction waste is submitted to recycling and becomes BGS - Simple Graduated Spout, sand, gravel 1 or 2. The waste becomes a resource and returns to the consumption cycle.

**1** Scrap Processing Plant

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# Economics Circular

In 2021, Solví advanced further in the challenge of effectively supporting our customers and partners in the transition to the circular economy through structuring and innovative solutions, enhancing the generation of value to the business.

In another important strategic movement, the Solví Group consolidated the vision that sustainability and innovation are inseparable and fundamental for the establishment of new solutions and services.

### **SOLcircular**

As an arm of solutions in circular economy within customers, we highlight the company GRI - Industrial Waste Management, which uses the SOLcircular methodology. Used as a data-driven management tool, it creates a decent diagnosis of the moment of circularity that its customers are inserted, making it more agile and effective to define evolutionary projects and, consequently, decision making.

The process of transition from the linear to the circular economic model is a gradual and continuous process and the constant evolution of the tool is beneficial and will continue to be encouraged.

### **SOLcircular HUB**

The SOLcircular HUB is our circular economy network that transforms waste into new products.

Today we have transformed from sludge from effluent treatment plants into bricks for the construction sector, even chemical waste from the automotive industry into surfboards.

Thus, the solutions of the SOLcircular HUB are inserted in a low-carbon economy, by reducing the exploration of virgin raw material. In addition, we prioritize the development of local solutions, that is, geographically close to the places where they are demanded. Thus, we optimized the logistics process and positively impacted the ESG indicators.

### **HUB SOLcircular in practice**



It's been more than

## 100 thousand tons

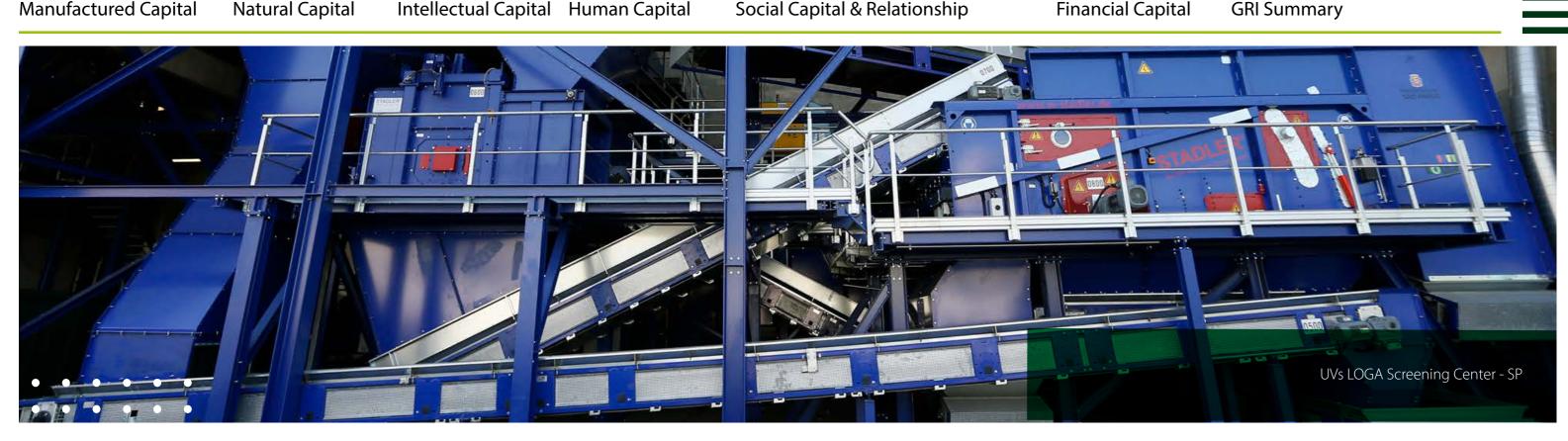
of waste and by-products reinserted into circular routes annually

**89%** of circularity in the GRI Waste Management operations.

It's been more than

300 partners connected to SOLcircular HUB





### Circular economy in numbers

# +BRL 26million

invested in reverse logistics of postconsumer waste, sorting plants, reverse manufacturing and processing of waste, CDR, composting and effluent treatment plants - ETE.

### **Reverse logistics**

Lubricating oil packaging

	2019	2020	2021
Tons recycled	1,065	978	1,080

21,304,100 19,564,100 21,600,000

**835**t of electronic scrap

of automotive scrap **171** t catalysts and

of de-characterized taken to Reverse Manufacturing

### Treated waste (t)



19,651tComposting

21,070t

Of fertilizers produced

9,857t Thermal desorption

7,023t Debris processing

Use of recyclable waste before final disposal (t)



1,573 plastic

**1,103** metal **707** glass

allocated to another sustainable technology. 114,711t 10,697t

Delivery to recycling plants

Leaving recycling plants

recyclability,



9.3% of the items delivered to the plant were recyclable. The remainder, for reasons of contamination or non-

were

appropriately

# Waste

# Management

**Natural Capital** 

The approach to this topic is a priority in all our segments, since the meaning of our existence is to be the bridge that facilitates the path of companies and society for waste management in the sustainability journey. Therefore, we take responsibility for taking care of what the population discards every day. We see opportunity where people no longer see value. We protect the planet from damage caused by incorrect disposal and transform the waste into resources such as raw material and renewable energy.

Provided with multi integrated solutions, our UVSs focus their efforts to favor this sustainable cycle, with the integration of treatment technologies that transform waste into nutrients, raw materials and energy. We believe it is necessary to evolve from waste management to resource management, with technological alternatives designed to reuse natural resources, leading to increased productivity and business sustainability.

We are pioneers in technological innovations that prevent the negative impacts of waste, in all its forms, from harming the environment and the population health. Our projects and actions for this topic result from an integrated work that mobilizes all UVSs and various areas of the company.

We won the first urban waste concession in Brazil and today we have the largest multi-technological plant for sustainable recovery in the country. We implemented the largest biogas thermoelectric plant in Latin America. We were the first in the world to issue carbon credits from a landfill. We started the production of biomethane from waste, which avoids greenhouse gas emissions and replaces the use of fossil fuel. Two projects are under implementation - Caieiras (SP) and Minas do Leão (RS).



Third party treated wastes

14,098t Incinerated

Health waste 37,555t (autoclave)

12,388,609t

Destined for landfills

### Internal waste management

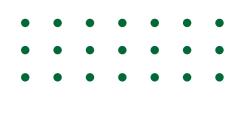
All of our Sustainable Recovery Units carry out the management of their internal waste, following the guidelines of Solví's Internal Waste Management Policy.

The internally generated waste first goes through the segregation stage, that is, separation according to the type of waste, it is temporarily stored until its final destination, using the most appropriate technology, treatment or recovery, which is carried out internally or externally, always valuing the reuse and recycling.

Through the Waste Inventory Worksheet, the units report monthly the features of the waste generated (physical state, classification, quantity), how and where the storage is carried out and the destination given to each of them, following all the legal procedures necessary for the destination, such as the authorization documentation of the environmental agency.

In 2021, after the development and consolidation of the circularity diagnostic tool, SOLcircular in our customers, a pilot project was started with some units of the group aiming at a first diagnosis. In the second half of 2022, the rollout of the tool will be carried out in all operations of the group, where it is intended to carry out a detailed diagnosis and development of action plans so that the waste generated internment is aligned with the principles of the Circular Economy.





The success of our business is intrinsically linked to the non-negotiable commitment to transform progress and sustainability into a unique phenomenon, helping the population to make the best use of each resource.

We exist to make it easier for companies and society to follow this path. We are a reference in carbon emission mitigation actions in the waste sector through projects that value the biogas captured in their landfills, in addition to maintaining green areas around their UVSs.

In 2021, we prevented 2,664,095 tCO2eq/t from being issued at our facilities. We take care that 3,802,185 m<sup>2</sup> of green areas, within the UVSs, are preserved in the places where we operate. Our 3 thermal plants have enough installed power generation capacity to supply more than 586,000 inhabitants.

# Climatic Change

**Natural Capital** 

Commitment to the Environment permeates all our activities, since our purpose is to offer complete solutions that protect life on our planet. The Sustainability Policy of the Solví Group consolidates the values and performance of the group, having as pillars the principles of the MES - Solví Business Model and the internal management programs (Sustainable Integrity Program, Contracted Management Program, Citizen Partnership Program with Society and Value Creation Program). The Sustainability Policy shares the values of the Solvi Group with its stakeholders, ensuring legitimacy and transparency with our environmental, social and governance commitments.

Climate change is a material topic for the Solví Group, we are committed to contributing positively to the reduction of greenhouse gas (GHG) emissions, offering innovative solutions to minimize GHG emissions through sustainable alternatives for the disposal of waste generated by society, investing in the energy reuse of biogas.

In addition, Solví has made a commitment and invests in projects aimed at reducing emissions from the use of fossil fuels in its activities.

The Solví Group understands that knowing and quantifying its Greenhouse Gas Emissions (GHG) is fundamental to direct strategies in the development of new initiatives to reduce its emission and therefore voluntarily in 2021 prepared its 3rd GHG inventory. This report reflects the impact of all Group activities (1).

Following the guidelines of the GHG Protocol -Brazil and the NBR ISO 14064-1:2007 standard, the inventory presents the amount of carbon dioxide (CO2) equivalent emitted into the atmosphere also considering the conversion of the amount of methane (CH) generated. Scope 1 and 2 were used in the calculations, detailed below:

- Scope 1 (stationary combustion/mobile combustion/ waste generated by Solví);
  - 8,638 tCO2e for waste generated by Solví's activities and corresponding to 16,67% of total emissions;
  - 41,644 tCO2e fuels consumed in Solvi's activities and corresponding to 80.36 % of total emissions;
- Scope 2 (electricity consumption from the electricity grid).
  - 1,534tCO2ereferringtoelectricityconsumption from the power grid and corresponding 2.96% of total emissions

Total Scope 1 + Scope 2 = 51,816 tCO2e

(1) For the estimation of GHG emissions, Solví fully follows the guidelines of the GHG Protocol - Brazil and the NBR ISO 14064-1:2007 standard, not including in the calculations the emissions from the biodigestion of the organic fraction of the waste received and treated in its enterprises generated by civil society, which correspond to 6,095,731 tCO2e, which are the responsibility of the waste generator itself.

### **Mitigation Actions**

The Solví Group has carbon credit projects in four UVSs: Battre, in Salvador - BA; Essencis Caieiras - SP; CRVR Minas do Leão - RS, and CRVR São Leopoldo - RS. The projects place the company among the leaders that generate accumulated carbon credit, from biogas, in the world.



podcast of Solví Group, ep. 07 "We need to talk about Climate Change" with Luciana Gutierres, Technical Manager of the Solví Group

18,418,707

Carbon Credits Generated

5,450,769\_

Battre - BA | since Jan. 2004

9,483,384

Caieiras - SP | since Mar. 2006

3,364,132

Minas do Leão - RS | since Mar. 2007

120,422

São Leopoldo - RS | since Dec. 2019

Methane emissions avoided in Solví Group landfills (tCO<sub>2</sub>eq/t)

2021

2,664,095 tCO2eq/t

2020 2,859,626 tCO2eq/t

2019 2,591,760 tCO2eq/t

### **Protection of Green Areas**

Much more than an obligation, the protection of green areas around UVS is fundamental for the Group to fulfill its role in sustainable development as an agent responsible for preserving the environment for current and future generations. The Solví landfills have projects to maintain biodiversity and replant vegetation. When there is a need for planting, the actions are accompanied by multidisciplinary technical teams composed of forest engineers and biologists

Legal reserve areas and permanent preservation area - APP

3,802,185m<sup>2</sup> inside UVS

Total Invested in environmental protection in 2021

BRL 151,914,642

Collection, management, treatment and final disposal of public and private waste.

2020 BRL 121,918,561

2019 BRL 101,092,000



# Energetic **Valorization**

We are constantly seeking to optimize energy performance, prioritizing the use of renewable sources and with greater efficiency. Our commitment in our Sustainability Policy is to achieve self-sufficiency in electricity in our UVS by 2026. Solví group is a pioneer in the electricity generation sector with the energy recovery of waste.

Currently, the group has three thermoelectric plants from biogas generated in the landfills in operation and 10 more projects for installation in the coming years. The Solví group contributes clean energy to the country's energy matrix, in a decentralized manner, since our units are spread across different Brazilian regions.

In addition to the generation of electricity, the Solví Group is also investing in the installation of biomethane plants, a biofuel produced from the biogas generated in the landfill that can replace the fuel from a fossil source. Currently two projects are being implemented - Caieiras (SP) and Minas do Leão (RS).

The projects and actions for this topic come from an integrated work that mobilizes all UVSs and various areas of the company, especially the sustainability, innovation areas and new business, which often assess the feasibility of generating alternative energy, including photovoltaic projects. Currently, the Group has two plants for solar power generation and 21 projects for implementation.



**Natural Capital** 

Scan or click to access the calculation of served inhabitants



\*Accumulated from Three Thermal Plants

2021

# 408,865 MWh/year

586,366 thousand inhabitants served

#### **Termoverde Caieiras**

226,284MWh/year 324,520 thousand inhab.

21 Motor generators with a capacity of 1.407 MW each

### **Termoverde Salvador**

**4** 122,672MWh/year 175,928 thousand inhab. 19 Motor generators with a capacity of 1.038 MW each

#### **Biotérmica**

06 Motor generators with a capacity of 1.425 MW each

**Energy consumption** 

### 23,186 MWh/year of energy generated from thermoelectric plants

- 1 20,874 MWh/year of grid power
- **♥ 8.72 MWh/year** of solar energy generated internally

### Fuel consumed

(Non-renewable source)

**Diesel** | 23,824,278 L **Gasoline** | 964,124 L **Alcohol** | 338,403.21 L **LPG** | 63,164 Kg **Natural Gas** | 809,873 m<sup>3</sup>





# Care with the Water

Water is considered a priority topic for Solví, because besides being a very sensitive resource to the Planet, it is inherent to our operations. In our facilities, this resource may come from rain collection; reuse water generated from the effluent treatment carried out in Solvi's WTPs; purchase of reuse water through third parties; underground collectionfrom the supply network.

The company carried out a diagnosis of water consumption in all UVS to identify opportunities for innovation and reduction of consumption, aiming at self-sufficiency in the management of the resource in the Group's operational activities until 2026, a commitment signed in our Sustainability Policy.

The monitoring and follow-up of the evolution of water consumption of 100% of our units is carried out in an internal portal, in which all units enter their data. This allows us to manage efficiently and in real time, to support the creation of innovative projects that add cutting-edge technologies to achieve our water self-sufficiency goal.

The creation of projects and actions for this topic comes from an integrated work that mobilizes all UVSs and various areas of the company, especially those of sustainability and innovation. The installation of new ETEs - Effluent Treatment Stations; reuse and rainwater abstraction projects are among these initiatives.

In 2021, we had 10 ETEs in operation; 2 are in the final phase of implementation with the start of operation scheduled for 2022, in addition to 3 others in the study process for feasibility.

Effluent treatment transforms the slurry generated by the decomposition of organic matter into good quality reuse water for use in our processes, such as wetting of roads and washing of vehicles, which contributes to the reduction of drinking water consumption for these purposes and also mitigates the impact of soil contamination in landfills.

- Guapó GO
- CRVR Santa Maria RS
- CRVR Giruá RS
- CRVR Victor Graeff RS
- Essencis Catarinense SC
- Guamá PA
- Bob Ambiental RJ
- Solví Essencis Curitiba PR
- Solví Essencis Betim • Minas do Leão -RS

Release of water into the

225,555 m<sup>3</sup>

Water consumption by source Equivalence 1  $m^3 = 0.001$  ML (acronym for MegaLiter)

body of water



Groundwater

91,532m<sup>3</sup>



Supply network

99,042m<sup>3</sup>



Reuse water generated in the UVS itself

**归 222,255m³** 



Reuse water purchased by third parties



Water abstracted from rain

37,578m<sup>3</sup>



**Drinking water** 45,847m<sup>3</sup>

# Soil Preservation

**Natural Capital** 



the podcast of Solví Group, ep. 24 20 years of Essencis Catarinense, with the Director of UVS Marcos Aurélio Vieira

Our Sustainable Valuation Units are planned and implemented within the best and most innovative engineering techniques ensuring that there is no contamination of the soil and groundwater, which are very important natural resources for the planet.

 $We are \, engaged \, to \, our \, environmental \, commitments$ and strictly follow national and international technical standards for the implementation of our waste recovery technologies, faithful to construction standards and use of materials that ensure the infrastructure quality.

Our landfills are built from a complex engineering project that includes soil waterproofing system, slurry collection system and rainwater drainage. This system is strictly controlled and monitored throughout the life cycle of the landfill and ensures that there is no impact of soil contamination, ensuring the preservation of the environment and environmental safety.

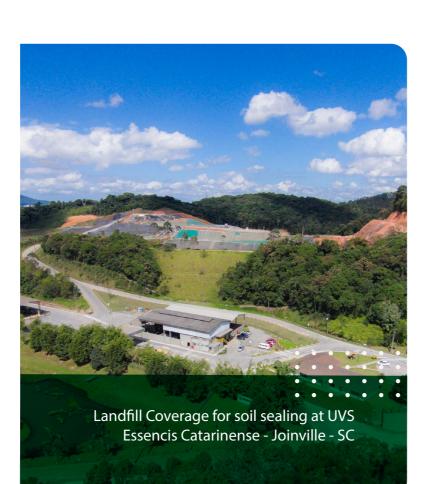
We ensure from primary or outsourced treatments the efficient treatment of leachate generated in our landfills from the decomposition of waste. The treatment results in the generation of reuse water with quality standards ensured by national standards.

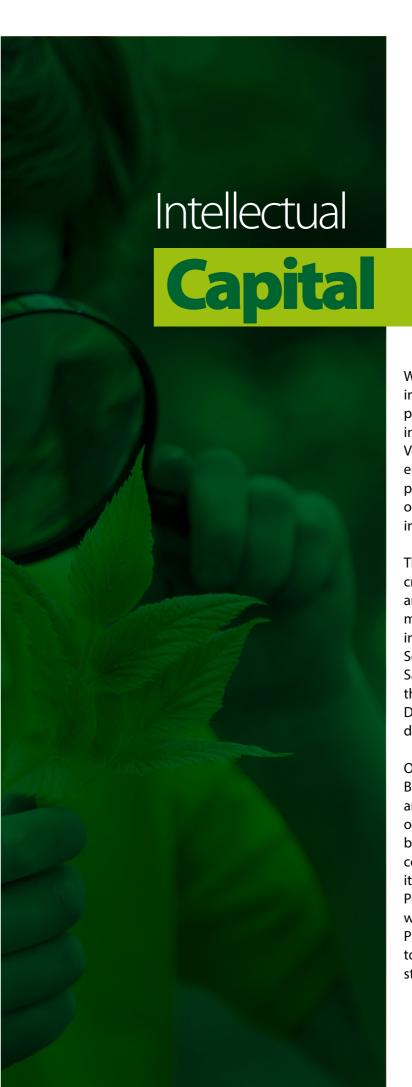
We reiterate our environmental commitment to society, contributing to the reduction of the impact on the soil from contamination by solid waste in Brazil. Our landfills contribute to the eradication of existing dumps in Brazil, which still represent approximately 40% in the national territory (source: Panorama dos Resíduos Sólidos no Brasil - 2021, Abrelpe, 2021).

Our waste recovery technologies also play a significant role in the management of contaminated areas through the recovery and rehabilitation of contaminated areas. Thermal desorption technology ensures the decontamination of soils allowing their circularity for other purposes. Thus, as the coprocessing technology, which uses contaminated soil as an input for waste-derived fuel.

In the constant search for environmental and operational improvements, we invest in innovation and annual environmental audits that demonstrate through the technical evaluation of operational data and monitoring of soil and water quality our strict commitment to the environment.

Therefore, UVSs are prepared to manage waste generated by the population and by companies, contributing to avoid soil contamination.





We are holders of knowledge of cutting-edge and innovative technologies. We have established partnerships with universities, institutions and innovation startups and created the first Corporate Venture program exclusively aimed at the environment in Brazil. As a result, we have a broad portfolio with innovative solutions that perpetuate our pioneering in the waste management industry in the country.

The Group was the first in the world to issue carbon credits from landfill biogas. The Sustainability area created its own methodology, developed to measure circularity, map opportunities and assist in the definition of evolution strategies, called SolCircular. The Essencis Ambiental incinerator in São Paulo is part of a project led by the Ministry of the Environment (MMA) and the United Nations Development Program (UNDP) for the proper disposal of gases such as Chlorofluorocarbon (CFC).

Our Corporate Governance created the Solví Business Model (MES), which ensures that values and strategies established for the Company are objectively met, sustaining the continuity of our business. Its programs underlie the formation of the company's leadership and the professionalism of its teams. Based on the PIS - Sustainable Integrity Program, the PPCS - Citizen Partnership Program with Society, the PGC - Contracted Management Program, and PCV - Value Creation Program, which together provide the generation of wealth for our stakeholders.

# Guidelines Guiding

### Governance structure

The corporate governance structure of the Solví Group ensures that the purpose, values and strategies defined for the Company are objectively followed and met. It is composed according to the flowchart shown in Figure 01.

### **Guiding structures**

Committed to ensuring operational excellence in its business, through the MES – Solví Business Model supported by the company's values, guides and ensures the continuity of its business.

MES programs support the formation of the company's leadership and the professionalism of its teams, able to provide efficient and innovative solutions in environmental engineering to customers and society, promoting the development of our employees and communities, creating value for shareholders, customers, suppliers and

government, through sustainable growth and respect for the environment.

### Corporate governance

Solvi's management is formed by the Board of Directors (CA) and the Executive Board. The Board of Directors is the collegiate body that defines the general orientation of the Company's business and decides on strategic issues. Its mission is to protect and value the company's assets, maximizing the return on investment. It is composed of 6 members, of which 5 are appointed by the shareholders and 1 is an independent member.

Gender diversity is widely covered at all levels of the Solví hierarchy, starting with the Council itself, composed by 33% women in its structure. The authority delegation meets the principles of corporate governance defined for the various instances of the Organization. The regulations of the Board of Directors and the Executive Board define the scope of action,

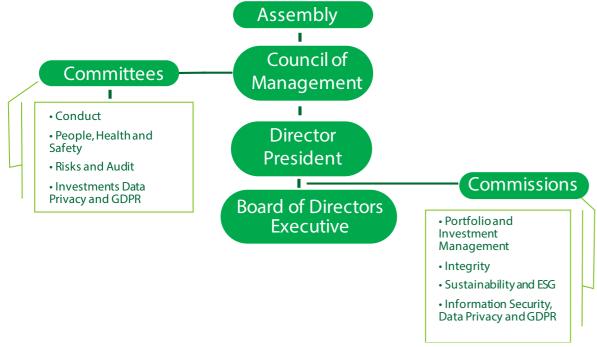


Figure 01: Solví Governance Model



powers and duties of each body. At the level of operations, the authority delegation is defined and governed through the authority table, defining the authority limits defined by job position. The scope table, as well as the transactions, are periodically reviewed and audited.

The operation method by C.A, as well as its operating rules and competence, are set out in the Bylaws and in the Brazilian Corporate Law (Law No. 6404/76). The Board of Solví also has an Internal Regulation that provides for its composition, powers, holding of meetings, among other provisions. In addition to supporting the initiatives of the Sustainable Integrity Program, the Board is liable for analyzing the strategic themes and resolving on matters within its competence.

CA is advised by the 4 Committees: Conduct; Investments and New Businesses; People, Health and Safety; Risks and Audit. Each of them is coordinated by a member of the Board, who reports monthly on their activities and recommendation of the matters pre-analyzed for resolution by the Board of Directors. The Conduct Committee, which supports the approach and deliberation of specific matters, assists the Board of Directors to disseminate, promote and ensure compliance with the corporate guidelines (vision, mission and values), the ethical principles and business conduct defined in the Code of Conduct.

It monitors and monitors its implementation and progress, proposing actions aimed at strengthening and developing conscience and ethical conduct.



MES is a set of tools that guide the management, leadership and operation of the business, training the business leader Solví and redesigning the guidelines for the incorporation of the principles of planned management and controls, in the search for results with excellence, obtained with integrity, preservation of the environment and the practice of social responsibility.

"Being Solví" is the attitude shared between business leaders and employees in order to deliver Solutions for Life to society and the environment.

#### **Sustainable Valuation Unit**

Every operational unit that is part of the Solví Group, whose business orientation goes beyond financial results, considering in the same measure: integrity, preservation of the environment and the good provided to the society.

#### Contracted Management Program

This program aims to guide the management and proper implementation of the agreement, in order to ensure compliance with the rights and duties of the agreement, ensuring its profitability and the retention of knowledge and continuity of management actions.



### Citizen Partnership Program with Society

It aims to promote the social and environmental relationship and actions generating sustainable development in the locations where we operate.







### Integrity Culture Value Creation Program

Instrument of dialog between leader and the led, for planning and definition of strategic ambition, PMT (Medium-Term Planning) and agreement of the target framework for the year.

### Sustainable Integrity Program

Disseminate the culture and attitudes to strengthen the ethical behavior of the Group's employees, in the relationship with all stakeholders, in the internal and external environment.





# Values during Action Integrity

Several of our material topics orbit around this value of the company – Ethics and Integrity; Child Labor, Slave Labor, Political Contributions and Whistleblower Protection. For its management, we have the PIS - Sustainable Integrity Program of the Solví Group, which acts across the social, environmental and economic scopes and ensures the compliance risk control for the company. PIS brings together the mechanisms of prevention, control, detection and remediation of risks of inappropriate behaviors. Its application involves 100% of the organization, regardless of the hierarchy or position performed and permeates all areas and processes including the Governance structure, employees and partners. We have an Integrity Committee, appointed by the Group CEO who supports the Executive Board on issues related to this topic.

We ensure full compliance with PIS with training aligned with integrity practices and actions. These learning trails provide integration, a sense of belonging, commitment, engagement, integrity and responsibility. The Program takes place through distance education courses and lectures, workshops and practical activities carried out during the Integrity Week. 100% of employees are trained based on the security and compliance requirement, which addresses anti-corruption policy and discrimination. Teams receive the same training in places where we have third-party residents.

The Solví Group values the freedom of trade union, association and collective bargaining, in accordance with Brazilian law and International Labor Organization (ILO) standards, ratified by Brazil. In order to ensure freedom of association and negotiation, the company has reporting channels, which can be used by anyone, whether employee or not.

### Bribery and corruption

Bribery and corruption are priority issues for the Solví Group due to the economic and social impact they represent. The main risks of this issue lie in activities that involve negotiations and expose employees in interactions with public agents, municipalities and in business dealings.

Our Anti-Corruption Policy (issued in 2015), as well as the Code of Conduct and Compliance Policies (revised in June/2020) reaffirms internally and for public agents and other stakeholders the engagement of the entire Group with the ethical stance and absolute integrity, our code and Policies are approved by a management committee and can be accessed on the company's institutional website (www.solvi.com).

The Conduct Committee tracks and monitors the implementation of the progress of the code of conduct, proposing actions aimed at strengthening and developing awareness and ethical conduct. Issues that come via the Integrity Channel or that have been identified by internal means, involving ethical values and conduct of the Group's companies, violations committed by employees, suppliers and service providers, are addressed based on the Solví Group's Consequence Management Policy. Broad-impact issues are submitted by the Conduct Committee to the Board for resolution.

Any report that reveals evidence of corruption and bribery in all its forms is addressed with a sense of urgency that the case requires and with the effective position of senior management for its treatment.

Within the work developed, we highlight that we did not have confirmed cases of corruption in the period, nor any process related to the topic against the organization and its employees.



#### Gere

Values, Code of Conduct, Concepts of the Sustainable Integrity Program (PIS) and Policies.

### **Advisory**

The Board of Directors on matters involving ethical and conduct values.

### **Management**

Channels for whistleblowing\*
\* Independent external channel.

#### **Conduct Committee**

The Conduct Committee acts as an advisory agent in the sphere of Solvi's Board of Directors.

During the monthly meetings, topics of relevance to the Group's companies are discussed.

# Communication and reporting channels

www.codigodecondutasolvi.com

Caixa Postal nº31.256 - São Paulo - SP

comite.conduta@solvi.com

Argentina: 0800 333 0776 Bolivia: 800 100 146 Brazil: 0800 721 0742 Peru: 0800 555 89



Any action that is not guided by ethics and integrity is extremely harmful to the Solví Group, whether in the corporate (bribery or corruption), social or environmental spheres. We address this issue as a priority and in a transversal way with the PIS - Sustainable Integrity Program, which covers ethical, integral and compliance issues. In light of the guidelines of Law No. 12.846/2013 (Anti-Corruption Law), the Group has a specific policy to prevent and combat corruption.

In order to fully meet the PIS, the Group is subject to a Training that ensures the alignment of employees to integrity practices and actions.

The distance education courses specifically address the integrity, anti-bribery, anti-corruption matters and all the policies that make up the PIS, as well as the behavior expected by the code of conduct. This training includes access to communication channels to report misconduct. The whistle blowing methods are also intensively disseminated in the company's various media, whether through corporate radio and TV, computer screen backgrounds, posters, mural newspaper, email marketing, as well as in printed materials and distributed to the internal and external public, such as: Folders, S Magazine, Socio-Environmental Report.

The incentive to report is formalized in the Company's Code of Conduct, Anti-Corruption Policy and other Control Policies. Communications of occurrences of violation of internal rules and legislation in force are received by a specialized company, ICTS Global do Brasil Ltda., ensuring absolute secrecy and the appropriate treatment of each situation by the Solví Conduct Committee.





### Whistleblower protection

The Solví group ensures the confidentiality of complaints, and no adverse action is taken against a whistleblower in good faith, prohibiting any retaliatory action against the whistleblower and those responsible for investigating the complaints.

The guidelines are provided for in the Code of Conduct
- Chapter 14 and reinforced on the Whistleblowing
Channel website.

### **Integrity Celebration Week**

The message that "Every day is a day of integrity" and ethical behavior are intrinsic in the culture of the Solví Group. Knowledge is updated and revisited every six months during Integrity Celebration Weeks. The total adherence of employees to this amount is largely due to the annual editions of the Integrity Week that cover the entire Group. Throughout the 9 editions, 69 lectures were given, with more than 114 thousand collaborators and 3,400 third parties.

The purpose is to strengthen the knowledge of all employees of the organization's Sustainable Valuation Units and their stakeholders about the Group's Integrity Program and about the Compliance scenario in Brazil and in the World, bringing issues relevant to everyone's functions with regard to full performance and in accordance with our values, principle and purpose.



Management &

### Political contributions

The topic "Relationship with the Government" is addressed in the Group's Conflict of Interest Policy, internal document, and in item 8.4 and 8.5 of our code of conduct, defining special care and mechanisms to mitigate the risks of this issue, reinforcing the duty to act impersonally, honestly and professionally. If the employee starts to have a situation of Conflict of Interest, previously nonexistent, he/she must immediately communicate it, using the Conflict of Interest Declaration Form, so that the company can monitor and mitigate possible risks.

Solví respects the right of its employees to carry out political activities, but reinforces that electoral donations and party affiliations should not endanger the Company. It should be noted that any political donation on behalf of Solví is strictly prohibited, as well as the practice of any political or electoral activity on its behalf and/or on its premises and facilities. Managers, administrators and employees must be guided by the Donation and Sponsorship Policy, in order to prevent electoral donation or party affiliation from being interpreted as a way to obtain undue benefits on behalf of the company.

Managers, administrators and employees must follow the Conflict of Interest Policy, avoiding conflicts between the interests of the business and their personal interests.

### Child labor and forced labor

Solví Group repudiates child labor and any form of forced labor that reduces man to the condition of slavery or equivalent. This is one of our material themes and we are engaged to ensuring that our suppliers and partners share these same principles. We have instruments that guide us and define affirmative control actions and consequences in cases of violations.

All agreements entered into with suppliers contain, in specific clauses, the commitment to comply with ethical conduct and aligned with the values of the Solví Group, as provided for in the Code of Conduct that encourages the implementation of measures to combat child, forced or slave-like labor. All third parties registered for High Risk transactions are subject to Compliance checks. The company has whistleblowing channels, which can be used by anyone, whether an employee or not.

There is not and has never been any case of child labor or slavery in our operations.

### Data protection

Our corporate governance, process and system framework complies with best practices in data security and privacy. To comply with the rules imposed by the LGPD - General Data Protection Law, we created an Information Security and Data Privacy committee to lead the activities. With the help of a specialized consultancy, we conducted a survey in all our units regarding processes, Systems, Personal Data of customers and suppliers.

Since then, we have relied on an expert in the company to be the DPO (Data Protection Officer) in charge. We have established an Information Security Policy and constantly update the procedures of the Technology area and adapt all systems with the possibility of sensitive data. We have created a distance education course for our employees on Information Security. All agreements entered into with suppliers have a data protection clause. In addition, the company's websites have been adjusted for cookie management, among others.

## PIS Legacy - Sustainable **Integrity Program**

**Natural Capital** 

### **Pro-Ethics -**

For the Group, Compliance goes beyond risk prevention and detection. It is an advisory activity that supports strategic objectives and risk management. The engagement of senior leadership, policies and procedures aligned with the culture and day-to-day of the company, investment in employee training and internal communication, audit and monitoring of compliance processes are among the various measures taken by the area. Ensures the mitigation of exposures to regulatory risks by promoting measures to discipline corporate activities. The guiding principle of this action is made by the Sustainable Integrity Program and the company's Code of Ethics and Conduct.

In 2021, seven units of the company won the Pro-Ethics seal, representing the largest number of companies in the same economic group with this recognition in this edition. In addition to the holding company Solví Participações, the companies: Alfenas Ambiental Tratamento de Resíduos, Battre - Bahia Transferência e Tratamento de Resíduos, Ecovia Valorização de Resíduos, Resíduo Zero Ambiental, Termoverde Salvador and Viasolo Engenharia Ambiental also won this seal. The Pro-Ethics Seal is granted after careful evaluation by the Office of the Comptroller General (CGU) in partnership with the Ethos Institute of Companies and Social Responsibility, of the integrity program of companies that voluntarily register to obtain the Seal (https://www.gov.br/cgu/pt-br/assuntos/ etica-e-integridade/empresa-pro-etica/historico).





### ISO 37,001

In addition, another important certification was achieved in 2021: ISO 37001 - Anti-Bribery Management System. The seal was obtained by 36 UVSs of the Solví Group, proving the work and engagement of the entire team, in addition to the efficiency and seriousness with which the codes of conduct and compliance are handled within the company. The 36 certified UVs can be found on page 57.

ISO 37001 is the Anti-Bribery Management System developed by the International Organization for Standardization, its entire structure was made for the definition, implementation, maintenance, critical analysis, communication and improvement of the Anti-Bribery Management System.





# Values during Action **Excellence with**

# **Dynamism**

Solví Group has mechanisms to ensure that its operations and units are in full compliance with the legislation and other applicable legal requirements. Through its Integrated Management System (IMS), Solví Group ensures the highest quality standards in a continuous process of improving its professionals in their various operations.

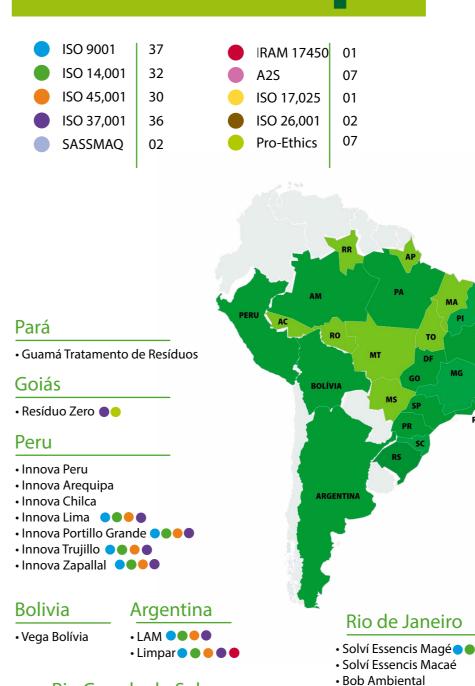
It also ensures the quality of its services through certifications obtained from the main institutions in the sector. In addition to aiming at process standardizations, it ensures a focus on prevention, mobilizing everyone with a common goal, quality in the services provided, operational efficiency, waste reduction, environmental protection, always operating with safety and

The reference position of the Soví Group in the sector of integrated solutions for waste in Brazil is the result of the agility and efficiency of its operations and responses that unite technology and the environment, always taking care of the health and safety of our employees. During the two years of the pandemic, in compliance with all who protocols, in addition to not interrupting any service provided at its units, since Solví provides an essential service related to public health, they were the first company to receive the Safe and Sustainable Environment Seal (A2S) in the environment industry. The achievement reflects the culture of prevention consolidated in the organization and the interdependence that

permeates all the Group's relations. The A2S seal was instituted by the Vanzolini Foundation and defines preventive measures and covers specific requirements for the prevention of the virus with stricter protocols for cleaning and disinfection.



# Certifications of the Group



Rio Grande do Sul

• CRVR Santa Maria

• CRVR São Leopoldo

• CRVR Porto Alegre

CRVR Victor Graeff

CRVR Giruá

CRVR Tramandaí

 Biotérmica Solví Essencis Capela de Santana ••••

### Bahia

- Águas Claras Ambiental
- Hera Ambiental
- Battre • • •
- Battre Transbordo • •
- Termoverde Salvador
- Sotero Ambiental

## Minas Gerais

- Viasolo Montes Claros Viasolo Sabará
- Viasolo Betim
- Ecovia
- Alfenas Ambiental
- Alfenas Garagem
- Essencis Betim
- Essencis Juiz de Fora

### São Paulo

- Solví Jaguaré
- Solví Essencis Jaquaré
- Koleta SP
- SBA
- Solví Essencis Taboão da Serra
- Solví Essencis Caieiras
- Termoverde Caieiras
- Pramea
- Solví Essencis São José
- GRI ••••
- SCA
- Revita Quatá
- Organosolví

Koleta RJ

Paraná

Solví Essencis Curitiba

• Essencis Catarinense

Santa Catarina

- Essencis EGA
- Loga Albertina
- · Loga Anhanguera
- Loga Bandeirantes •
- Loga Jaguaré
- Loga Ponte Pequena
- Loga Vila Maria

# Risk

# Management

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The identification, measurement and response to business risks is carried out in a structured and recurrent manner, through Corporate Risk Management, which is part of the Legal, Risk and Compliance Department.

The risk management function uses methodologies and tools based on best market practices, in addition to having consultants and experts of recognized reputation.

Annually, the General Risk Analysis (AGR) systematically maps all risks related to the Company's activities, in order to assist the decision-making process, establish and maintain continuous mechanisms for mitigation and response to business risks.

Solvi's risk management methodology includes 5 steps:

- 1. Identification: map the goals and associated risks existing in the Company.
- 2. Analysis: identify the probability and inherent impact of risks when conducting the business, as well as catalog the environment and internal control activities.
- 3. Evaluation and Prioritization: evaluate, classify and prioritize the inherent and residual risks, depending on the maturity of the Company's control environment.
- 4. Treatment and Monitoring: decision and preparation of action plans to mitigate risks to acceptable levels.
- 5. Reporting and Communication: Periodically inform the management about the current stage of risk assessment and the respective action plans.

 $The \, map \, and \, the \, corporate \, risk \, dictionary \, are \, classified$ into 4 dimensions:



- Strategic risks: risk factors related to the company's strategic achievement (corporate governance, business model) or external factors, such as political and economic environment;
- · Financial risks: factors arising from the financial environment such as liquidity, credit and market;
- · Regulatory risks: compliance with external laws and regulations, internal policies and procedures, including code of conduct, integrity program and anti-bribery management system;
- Regulatory risks: compliance with external laws and regulations, internal policies and procedures, including code of conduct, integrity program and anti-bribery management system



Figure: Integrated Risk Management



The results of these evaluations are evaluated and reported to the Executive Board, the Risk and Audit Committee and the Board of Directors.

**Natural Capital** 

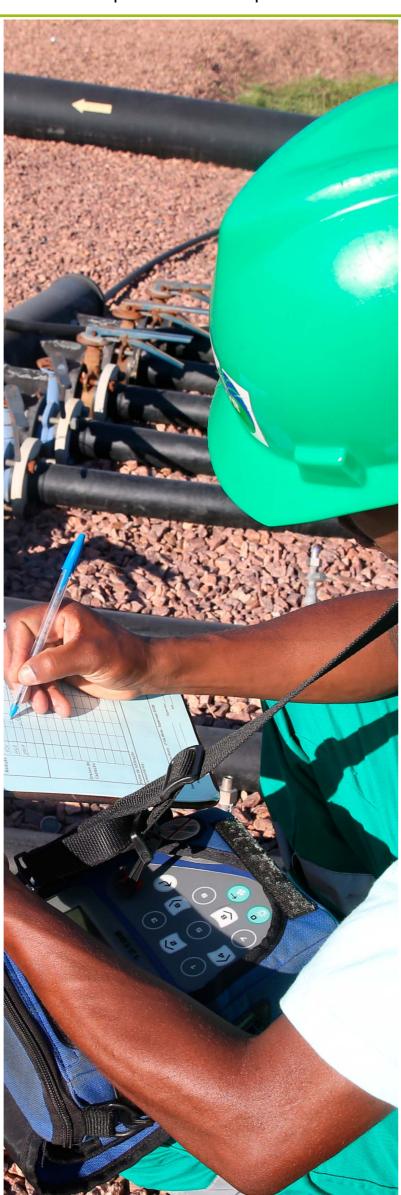
In 2021, 63 categories of business risks were mapped, of which 24 were classified as priorities for continuous monitoring and periodic reporting to the Risk and Audit Committee. In this process, the members of the Board of Directors, the Risk Committee and all executive directors were interviewed. The main topics identified as relevant for monitoring were categorized as regulatory and operational aspects, inherent to the Solví Group's business.

The corporate risk agenda is on the monthly agendas of the meetings of the Executive Board and the Risk and Audit Committee, with the purpose of ensuring proper reporting, prioritization and decision-making, in addition to continuously and sustainably supporting the company's corporate governance mechanisms.

### Environmental risk management

We believe that prevention is a mandatory manner to avoid environmental liabilities. All of our landfills are complex engineering projects prepared to avoid negative impacts on the environment, from technologies that operate in synergy to maximize the recovery of waste with operational and environmental safety, in addition to economic, financial and social sustainability.

We understand that the safety of our employees, processes and the environment ensure the provision of high quality services. To this end, we create programs, define indicators and goals. We maintain uninterrupted monitoring and action plans that minimize environmental impacts for our operations, employees and customers. Thus, we have established a robust safety culture that underpins any activity within the Group's companies. With that look, we have the ASAS program.



## **ASAS - Ensuring Sustainable Environmental Safety**

ASAS program aims to identify, evaluate and manage environmental risks in the operational activities of the Group companies, acting in the prevention of undesirable events in order to ensure environmental safety and the continuity of operational activities, valuing the quality of the services provided to our customers and society where we are, and perpetuating the activity of our assets with a management focused on reducing failures of operational processes and their impacts.

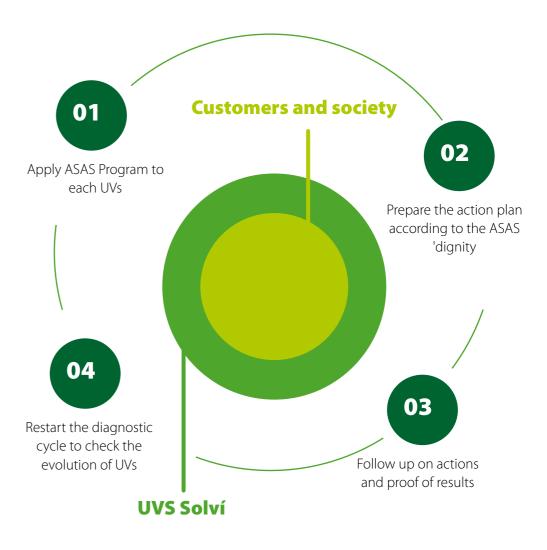
Through the methodology of the Hazard Rating Number - HRN, established worldwide, the Technical Board applies annually in all our units of the Solví o ASAS Group, which consists of the following steps: documentary evaluation, on-site technical visit, indication of the identified risks and monitoring.

## Health and safety risk management

In addition to environmental risk management, we perform Health and Safety Risk Management through the OPS! program, which can be found on page 74.

## Governance risk management

Risks related to governance, integrity, ethics and transparency are managed through PIS, which can be consulted from page 48.



Manufactured Capital Intellectual Capital Human Capital **GRI Summary** Financial Capital Natural Capital Social Capital & Relationship





More than 15 thousand direct and indirect employees, represent the largest capital of the Solví Group. In addition to generating formal jobs and income for the families of its employees and third parties who work directly at the company, the company is aware of its responsibility to promote a diverse and inclusive work environment, creating opportunities for personal and professional

Under the guidelines of the People, Health and Safety Committee, guided by the MES - Solví Entrepreneurship Program, the company develops several actions through the Academy of Excellence resulting in a cohesive and motivated group, with leaders aligned and trained to implement their business strategy.

# Values during Action

**Natural Capital** 

# Team

### Our people

Solví Group employs more than 13,600 employees and more than 1,900 third parties residing in our units, totaling more than 15,000 families in Brazil, Argentina, Bolivia and Peru.

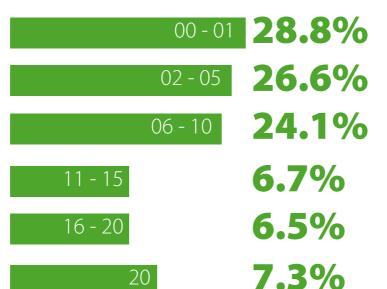
According to IBGE data in 2019, each family is composed on average of 3.7 people, so we positively impacted approximately 50 thousand people benefited directly from the income of their provider, not to mention the supply chain that we purchase products and services moving the local economy and generating employment and income indirectly in the regions where we operate, contributing to local development.

For full-time employees, benefits are granted such as: food and meal vouchers, transportation vouchers, medical and dental assistance, private pension, maternity/paternity leave, daycare assistance for children up to 5 years old, group life insurance, partnership to promote physical activity and the Mental Health Program.

All benefits, according to the particularities foreseen, cover 100% of employees in the agreements of the respective collective agreements.

In the case of temporary labor, the following are offered: food and meal vouchers, transportation vouchers, medical and dental assistance vouchers, food vouchers and group life insurance.

### Employees by time in the company



### Employees by gender

20



## **Employees by Role**



Operational

## Contributors by region













# Peru











Turnover 17.35%

### **New hirings**

South	<b>——</b> 09%
Southeast	<b>69</b> %
Northeast	<b>19</b> %
North	<b>—— 02</b> %
Centro-Oeste	010/2

13651 **Total employees** 

# Diversity In practice

**Natural Capital** 

Good productivity is a positive impact related to the diversity of the Group's internal audience and this positioning also influences our surroundings to become more inclusive. In our Sustainability Policy, we signed a commitment to avoid any kind of discrimination, promote an inclusive and diversified culture for all employees belonging to groups considered as minorities and strengthen the social programs of the PPCS.

In our operations, we aim to promote diversity of gender, race, ethnicity and sexual orientation. Gender diversity is covred at all levels of the Solví hierarchy, starting with the Council itself, composed by two women in its structure. In the operational area, despite being a segment with male predominance, our staff counts on female professionals in positions of heavy vehicle drivers, foremen and heads of operations, among others. In 2021, we created the campaign "Making History is a woman's thing", structured by the People and Communication area, which took to the Group's social networks how this scenario is treated by the company.

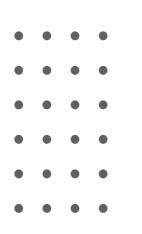
The People and Communication Board is responsible for monitoring, evaluating and offering inclusion and training programs for employees. To this end, the area has the Academy of Excellence developing courses and training aimed at the various internal audiences of the Company. We use tools such as the Organizational Climate Survey and its results demonstrated that we are on the right track to meet the challenge of being among the 100 best Brazilian companies to work for.

We have included our senior employees in mentoring programs with young people being trained. With this positioning, we unite experience and new perspectives, and we are able to maintain the solidity and pioneering spirit necessary for the company's progress.

## Women in management position

The waste sector traditionally employs mostly male employees, but with the purpose of promoting greater gender equity and inclusion of women in this market and in the management of the company, Solví Group has been encouraging the development of female professionals as well as the return to work after the maternity period, as can be seen in the indicators presented.

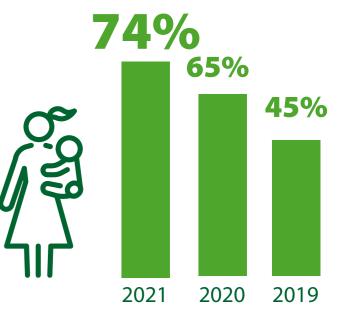
2021	<b>.26%</b>
2020	<b>- 28</b> %
2019	25%



[GRI 102-8]



Women in active employment after maternity



### Employees by age group

We believe that diversity contributes to the success of the company, so we value the exchange of knowledge between generations, having senior professionals working side by side with young people in training. As soon as the experience joins new perspectives, to maintain the solidity and pioneering necessary for the company's progress.



# New hirings

Under 30 • 50%

From 30 to 50 **45%** 

Above 50 • **05%** 

There were

**380** young apprentices hired and

**94**interns

# Inclusion of PwDs (person with a disability)

Solví Group is engaged to include people with special needs in its companies, working to contribute to the development of these people, so that they have a fair job and income. We believe that everyone, with their differences and experiences, can contribute to the construction of a successful company.

2021 \_\_\_ 2.19%

2020 \_\_\_\_ 2.16%

2019 \_\_\_\_ 1.94%

People are our biggest equity



**Natural Capital** 

### Training People

The Solví Group believes that investing in the training and education of its employees is an essential issue for the business sustainability and a catalyst for important changes for a better world. The Academy of Excellence, in partnership with the People Management areas of each Sustainable Valuation Unit (UVs), performs Training and Development actions focused on acquiring skills and abilities related to the challenges of each position. In addition, it aims to develop new knowledge based on a process of continuous professional improvement.

Thus, the areas involved in the Training and Development process are essential for our pioneering and innovative strategy in our business segment, a challenge that requires high training and competence from our staff. The sector also has the important mission of supporting employees in a journey of continuous improvement, through their own or external actions.

2021

	_	In-person	REMOTE LEARNING
	No. of topics	62	21
	No. of certificates	s 6,888	2,568
<b>(</b>	No. of hours	27.223h	2.496h
<b>Å</b>	Evaluations +	98%	96%





### Values during Action

### **Operating Safely**

### Health and safety / standards and working conditions

By ensuring the worker's mental, physical and safety health, we are reducing accident risks and providing a safe and healthy environment for our largest capital, the more than 15,000 indirect and direct employees of our units. This is a material issue for the company and is everyone's responsibility, from operational to Group President. Its management is handled by the company's QHSE and Human Resources areas that together take care of the Bem Viver and OPS programs! - Operation, Productivity and Safety.

OPS!, created by the QHSE area, aims to solidify a culture in the companies of the Solví Group with conscious and deliberate choice when it comes to risk. It is a tool that focuses on personal awareness to raise the level of awareness and reduce or eliminate the frequency of unsafe decisions and behaviors.

Good Living was born from a multidisciplinary initiative, which involves the areas of People and QHSE. Providing everyone's well-being, whether avoiding the diseases caused by injuries or bringing emotional and physical health, the company ensures that the daily decision-making of each one is the best possible. The program is based on five pillars: Ergonomics and injury prevention; examinations and diagnostics; mental health; incentives, partnerships and communication with employees and data management.

### Safety culture

The organization mitigates impacts on occupational health and safety within operations and also in hiring external providers. Occupational Safety for the Solví Group is a pillar of its Governance, being dealt with from the People, Health and Safety Committee, ensuring the adequacy of actions for all employees and third parties, including subcontractors. The organization understands that the performance and compliance with Occupational Safety policies is an ethical act with the institution and external providers.

Solví ensures occupational safety and health, providing training programs and all the conditions and equipment required for the activities. Its Code of Ethics emphasizes that all employees must maintain a safe and secure work environment, through compliance with company environmental policies and health and safety programs. In addition to knowledge and compliance with the PIS (Sustainable Integrity Program), security items are required in service providers' contracts.

The Quality, Safety and Environment (QHSE) department guides its actions through the OPS! program, focused on personal awareness to raise the level of awareness and reduce or eliminate the frequency of unsafe decisions and behaviors. Like ISO 45001, the program brings leadership and its teams to the center of the Management System.



### Communication to workers on occupational safety and health

In addition to the more than 13,651 employees, the Solví Group has an average of 1,913 third-party employees living close to the operations, 100% covered by this program. Based on training and qualification, the OPS! Program defined different standards and training to develop and consolidate this mindset:

- 1. DNA training aimed at senior management;
- 2. SOS training: training of Program multipliers among Occupational Health and Safety leaders;
- 3. THE RISK FACTOR Training: aimed at all employees, it is based on neuroscience to work on the conscious choice of actions in an environment of various risks;
- 4. AST Training Task Safety Analysis: focus on the analysis of each stage of operations;
- 5. VCP Training Procedure Compliance Verification: analysis of procedures in accordance with rules and standards.
- 6. OC Training Behavioral Observation: reinforces behaviors from a frank and ethical interaction between the Observer and the Observed, based on the techniques of the Behavioral Approach.
- 7. IPS Training Safe Practices Index: defines inspection criteria for each route raised by UVs and whether employee practices are safe.
- 8. INCINV Training Accident Analysis and Investigation: define guidelines to classify, investigate, record and report accidents, near misses and critical deviations and define actions to correct the causes and avoid recurrences.

The reporting of all occurrences of Occupational Health and Safety is carried out electronically, considering 100% of the employees in the indicators. The measures to eliminate the risk in each UVs follow standards and controls defined by the corporate team, which has the responsibility to consolidate the company's statistical data.

All indexes are calculated based on 1,000,000 hours worked, and for own workers, the Man Worked Hour (HHT) is 26,216,365, and for third parties, the HHT is 4,825,970.

### Occupational health and safety

The organization's premise is to obtain a unified management system, based on its management in occupational health and safety, OHSAS 18001, in the phase of migration to ISO 45001, which binds subcontractors as its own employee, and the risk and hazard controls, communication, expectations, awareness and training carried out by the company must be extended. Each UVs has a different technology, so the activities of subcontractors may vary, but the treatment is standard for all these units.

The consolidation of TF and TG rates occurs through the SICLOPE system. This system aims to carry out the records and communications of accidents, near misses and deviations of the entire Solví group. The system allows the launch of occurrences as well as the Men Worked Hours (HHT) on a monthly basis. The corporate QHSE team reports monthly the indicators to the executive board.

The organization has 30 ISO 45001 certifications by external certification bodies and aims to certify the maximum UVSs. For UVs that have not yet obtained certification, the same safety standard is required, meeting the corporate procedures and guidelines that are linked to legal standards and requirements. Monitoring of this service occurs through indicators and internal audits.

### TF and TG indicators

Frequency rate

7.03 2019

Severity Rate



2020

315 2021

### Risk, health and safety management

Brazilian legislation provides for both quantitative and qualitative measurement and monitoring, if applicable, of the activities of employees (both own and subcontractors) in order to inspect unhealthy and hazardous work environments. To this end, the company has a standard Hazard and Risk Assessmentdocument in its companies with methodology for identifying and classifying the most significant events. Upon receiving the information of an event with injury, UVs automatically contacts the Local Accident Investigation Commission, which meets the internal procedure of Communication, Investigation and Analysis of Accidents, Near Misses and Critical Deviations/High Potential. The Technical Board is informed of the severity of the accident (light, serious or very serious) according to internal guidelines and procedures. For investigations, the method known as Ishikawa and Tree of Causes is used.



# Records of occupational health and safety Employees Table of Contents hours worked: 26,216,365 Fatalities 1\* 0.03 Major accidents Severe accidents

\*Fatality: Run over by a third party. All legal measures were taken to assist and support the family members of the employee involved.

Every unit has a technical staff (SESMT) with full capacity and ability to determine if an environment is unhealthy or dangerous. The group consists of technicians, engineers, nursing assistants, nurses and occupational physicians, according to NR04. Each UVs, in compliance with the legal requirement NR 07, has an Occupational Health Medical Control Program that includes all information regarding the medical control of employees. All tests performed internally follow Resolution No. 1715/2004 of the Federal Council of Medicine of January 12, 2004. It is forbidden for the occupational physician to provide information on the result of biological monitoring. The organization has the SOC - Occupational Health system, as a single information system of Occupational Management.

Main natures of injuries

All employees are covered by internal procedures and legislation. Welistento our stakeholders, who by identifying a serious or imminent risk has total freedom to score and not perform the activity. It is also possible to communicate directly to the leader, through reports of near misses and deviations, and in case of feeling coerced, the employee must use our reporting channels.



### Prevention and dialog

The company believes that the employee's opinion is of paramount importance for the adjustment and review of procedures and continuous improvement in processes. Based on this, the company uses tools such as SIPOC, HRN and Incident Report:

### SIPOC - Suppliers, Inputs, Process, Outputs, Customers

SIPOC Methodology maps the main stages of the processes, analyzes their activities and equipment. With these known factors, the tool makes it possible to propose improvements ensuring safety and efficiency.

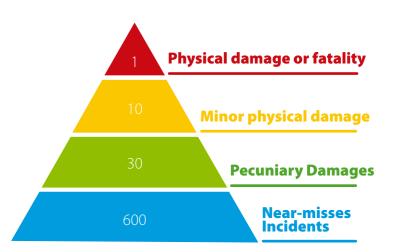
### HRN - Hazard Rating Number

It is a methodology used by the Solví Group to identify technical failures and opportunities for improvement in work environments (facilities, buildings, equipment and processes), as a result, it is possible to rank the items that should have their investment prioritized.

### **Incident Reporting**

Incident reporting is a preventive methodology, based on statistics that prevents accidents by anticipating deviations in facilities, equipment and buildings. Its application allows the employee to report any situation that has potential risk and near-misses - work-related events, in which an injury, illness or damage (regardless of severity) could have occurred related to Health, Safety and Environment,

It is a Solví Group practice to involve employees in operational and strategic actions, aiming to expand the range of solutions and joint decision-making. The Procedure Compliance Verification (VCP) is among the internal procedures involving the teams, which aims



to find compliance and correct applications of critical procedures, so that the risks associated with activities for Occupational Safety are properly managed. The employee can contribute more appropriate information and the SESMT verifies its applicability. CIPA actively participates in the management processes with monthly meetings. Each UVs must have a local Committee focused on the Communication, Investigation and Analysis of Accidents, Near Misses and Critical/High Potential Deviations.

The workers involved in the accident, as well as their representatives (CIPA) should be part of the investigation, bringing a multidisciplinary team to obtain a better analysis.

Emergency drills are also used to contribute to the prevention culture, aiming to train all UVs to abandonment and encounter plans quickly, and may involve not only employees, but also partners, public authorities, public agencies and local communities.

[GRI 403-2, 403-3, 403-4, 403-7 and 403-9]

## Values during Action Innovation

**Natural Capital** 

Our continuous innovation process allows us to be ahead of market transformations, with productivity and cutting-edge technology, being a reference in the industry. Our UVs are strategically located, being designed to provide proper waste treatment and recovery through circular economy and zero waste. Our ESG strategy directs companies to invest in solutions that can ensure the environmental protection, efficiency and responsible use of non-renewable natural resources.

### Solví Innovation Award

The Solví Group also ensures space for its employees to develop and bring innovative solutions to the company's daily life and the environment. To recognize these initiatives, in 2007, the organization created the Solví Innovation Award (PSI), and in its 14th edition 2021 it also opened to the external public.

The answers given by the PSI participants have already had many good results in all areas of the company, such as Palmas Project, focused on safety, which signals the containers with different colors to guide the collectors in the UVs. Also in this segment, the company's collection trucks gained rear cameras that expand the visual area for drivers, substantially reducing the risks of accidents with employees and pedestrians.

165 internal projects220 internal employees06 external projects

### Innovation in services

In the area of innovation for Environmental Safety, the company's pioneering spirit has always stood out, with numerous milestones throughout history. In 2021, GRI brought Emergenciall to its customers, expanding the Group's portfolio and advancing competitiveness. The new division of the company was created to meet chemical and environmental emergencies, ensuring traceability of the entire process, from collection, transportation and destination throughout Brazil, which represents a major differential in the market.

The Sustainability and Circular Economy area of the Solví Group created by the company in 2021 developed Solcircular, its own methodology, aimed at measuring circularity, mapping opportunities and assisting in the definition of evolution strategies that, in addition to qualifying the process, provides delivery of superior value to customers.

### Open innovation

Our mission is to create tomorrow and for this we bridge the open innovation ecosystem and the Group's business units (UVS) using the innovation skills of startups and the solvi Group's capabilities, connecting ideas and breaking barriers.

SMARTie has carried out several initiatives with the green innovation ecosystem, prioritizing solutions aimed at meeting its 4 verticals of operation; 1. 1. Recovery of waste and energy; 2. Reverse logistics and circular economy, 3. Digital transformation and smart cities and 4 carbon and greencoins. The capture of these solutions and startups happens through active search and challenge programs, these

occur in a total period of 5 months, which are broken down into 6 stages:

- Launch of challenges;
- · Receipt of registrations;
- Selection interviews;
- Pitch day;
- Proofs of concept (POCs)
- and demodays

Winning startups may receive investment proposals, hiring or a mix of the two models, depending on the business model adopted. In addition to mentoring Group executives and market experts, participants have the potential benefits of accessing a wide range of customers, testing their prototypes in Solví operations.

This relationship has been beneficial to all those involved so far, because on the one hand, there is a large company that can support the generation of scale for these initiatives, and on the other hand, startups, through their disruptive solutions, bring the necessary innovation for a large corporation to remain updated and perennial.

We worked strongly to increasingly foster the culture of open innovation inside and outside the Solvi Group, and we were recognized with leaders in open innovation with startups in Brazil, by the Ranking 100 Open Startups 2021, in which among the more than 3,900 registered, we won the TOP 50 brand in the TOP 100 Open Corps Ranking and TOP 3 in Renewable Energies.

For 2022, we continue searching for solutions / startups even more connected to our business and purpose, so that through open innovation, they can scale solutions with us, enhancing market innovation and transformation.





### Stay on top of Solví Group's innovations through our media





www.solvi.com

Circulando Ideias









Solví Group directs its actions to foster a relationship of trust with local communities. The interaction with this public is strengthened with partnerships with city halls, associations and entities in the places of their operations. To this end, it created the PPCS (Citizen Partnership Program with Society), which enables the closer relationship of UVSs with their stakeholders, promoting actions of relationship with the community and stakeholders, measuring their degree of recognition and positioning

Thus, Solví and its subsidiaries strengthen the relationship and partnership with the community, aiming to build a harmonious relationship, mitigate possible impacts on the surroundings of the projects and maintain the reputation and positive image of the companies.

business as operations that generate value and economic, social and environmental wealth for

people and society.

### Values during Action Liability Social-**Environmental**

**Natural Capital** 

### Community development and local employment

The topic was evaluated and considered material because the Solví Group generates more than 15,000 jobs (own employees and third-party residents), prioritizing local residents. In addition to formal jobs and income for these families, we generate benefits for the surrounding community with social projects and environmental education to facilitate the path of building a sustainable world, sharing information on the best practices for using each resource.

To mitigate the negative impact that our operations may cause, we aim at actions that bring recognition of the importance of our services so that society can validate our performance. We created the Citizen Partnership Program with the Company - PPCS, a corporate initiative of the Solví Group, applied in 100% of the units, promoting actions of relationship with the community and stakeholders, measuring their degree of recognition and positioning the business as operations that generate value and economic, social and environmental wealth for people and society. For the construction of effective Relationship Plans, each Group UVs applies the PPCS, making its actions and projects consistent with its audiences and local scenarios.

We adopt actions such as the Dialog Rounds with communities and the Open Doors Programs, channels that are open without interruption, through which we ensure the update on their demands and suggestions. We also have the websites of the companies, which also have channels for contact. When necessary, we support our neighbors in all adverse situations, such as the coronavirus pandemic. During the months of social isolation caused by the coronavirus pandemic, our campaigns gained social networks with actions to value and recognize the work of environmental waste treatment agents. The mobilization between employees and partners collected more than 10,000 food parcels in 2021, which were distributed in the communities surrounding the UVSs, considering a base of 3 people per family, we benefited approximately 30 thousand people with food and cleaning and hygiene products.

### Solví Institute

Since 2001, we have the Solví Institute, which has the mission of leading social transformations in the surroundings of our units. Its actions take place in partnership with the company's UVSs spread throughout Brazil, Argentina, Peru and Bolivia. The agency is responsible for promoting and stimulating the socio-environmental entrepreneurship of the Group's units, in addition to supporting the qualification of managers and employees to be agents of change in favor of sustainable development. Its mission is to foster Social Development through environmental education, encouragement to art, culture, sport and quality of life and work to preserve the environment. We work for the sustainability of relations with communities, in line with the 17 SDGs (Sustainable Development Goals) proposed by the UN.



### PPCS in practice: Process of listening and building local strategies



Together with the UVSs (Sustainable Valuation Units), it continues to generate value for local communities through the PPCS (Citizen Partnership Program with Society).

The activity report of the Solví Institute and its UVSs can be consulted at: https://www.institutosolvi. com.br/biblioteca



**Access to the Virtual** Library of the Solví Institute.

159 projects

(Volunteer work, environmental education and social

for environmental education actions, which benefited

Key messages to each audience. Beginning of execution of projects

+40 thousand

### +800 participations

of people from the local community. on the dialog rounds.

solidarity actions

volunteers

2,800 people beneficiaries directly benefited

[GRI 413-1]

## Values during Action Partnership

The Solví Group is committed to class and industry entities and contributes to the formulation of strategies for the implementation of the National Solid Waste Policy (PNRS), tax optimization and strengthening of the segment.

We have expanded our performance in this regard through partnerships with the government, engaging customers and communities.

Since 2012, the Group has been a signatory to the Brazil Global Compact Network, to contribute to the development of cross-cutting themes of the UN 2030 Agenda and its 17 Sustainable Development Goals. Since 2020, the Group has participated in the Pact's INOVA 2030 program to accelerate innovative projects designed by young people. In our second participation, in 2021, we presented the study of the installation of photovoltaic plates in closed landfills for the power generation of UVS Essencis Betim. For the year 2022 our participation was approved with the project on recycling electric car batteries. In addition to Inova 2030, we started our journey in the Ambition for the SDGs program in 2021.

We are bound to the International Solid Waste Association – ISWA, an international association that works in the promotion and development of solid waste for a sustainable society. The initiative provides, in addition to exchanging information and experiences, the opportunity to share the best practices and technical-operational Innovation and Sustainability, increasing Solví's participation and recognition globally. ISWA is the only worldwide association that operates exclusively for the solid waste sector, being represented in Brazil by ABRELPE - an entity with which Solví has a long partnership.

In 2021, Solví signed a new alliance with the Brazilian Business Council for Sustainable Development (CEBDS), the first institution in Brazil to guide the sustainable performance of companies. The entity represents its members in all the Conferences of the United Nations Parties on Climate Change,

since 1998, and on Biological Diversity, since 2000, among other national and international spaces that defend environmental preservation and sustainability.

For 29 years, we have maintained a partnership with Volkswagen for collaborative engineering, research and development of vehicles dedicated to the Group's application. As a result of this alliance, we have 635 collection, transportation and destination vehicles with a specific maintenance plan for collection and telemetry. We have partnerships with several universities in the places where we operate.

In São Paulo, about 130 university students from ESPM, FGV Tech and Mackenzie participate in projects in different segments, which result in innovative tools implemented in the units, such as the development of a statistical tool for indicator analysis, reverse logistics and customer acquisition.

#### **Solví Group Partners/Associations:**

- ABDIB Associação Brasileira da Infraestrutura e Indústrias de Base;
- ABETRE Associação Brasileira de Empresas de Tratamento de Resíduos e Efluentes;
- ABRELPE Associação Brasileira de Empresas de Limpeza Pública e Resíduos Especiais;
- ABIOGÁS Associação Brasileira do Biogás;
- CEBDS Conselho Empresarial Brasileiro para o Desenvolvimento Sustentável;
- CIESP Centro das Indústrias do Estado de São Paulo Distrital Oeste de São Paulo;
- ISWA International Solid Waste Association;
- Instituto Ethos;
- Rede Brasil de Pacto Global;
- Selur Sindicato das Empresas de Limpeza Urbana no Estado de São Paulo;

### Relationship with **Customers**

### Customer satisfaction

This topic is classified as material because the Solví Group is committed to adding value to customers, minimizing risks and generating a positive impact on society. Our strategy privileges the environment with rigorous planning of expenses and simplification of processes.

To ensure alignment and efficiency, we developed the Contract Management Program - PGC, linked to the MES Solví Business Model, which allows the prevention of risks and impacts on the business. The PGC aims to guide the management of the Solví Group's business during the contractual execution, ensuring the expected profitability, retention of knowledge and continuity in management actions.

Contact with the client is continuous in our communication channels or directly with the commercial area. The monitoring of services is linked to each type of contract. The evaluation of the management model is based on the audits to which we are subject periodically, which identify opportunities for improvement and are part of the constant cycle of improvement. Each UVS is liable for researching its public contracts.

For private customers, an annual survey is divided into the industrial, retail and agribusiness sectors. Made from sampling, it is sent to customers who have used the services of companies in the last 12 months and analyzed in critical analysis meetings with the areas involved.

On a daily basis, any complaint or praise is recorded in our management system, and action plans are also drawn up to correct deviations. After the corrections, customers are informed of the pending issues.

This management aligned with the company's values brings benefits to all involved, in addition to strengthening the requirements of ISO 9.001, giving the company a consolidated image and reputation, greater access to funding agencies, reliability of shareholders and other stakeholders, as well as attracting and retaining talent.



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Social Capital & Relationship

# Relationship with **Suppliers**

**Natural Capital** 

The Solví Group believes in the good relationship with its Stakeholders, and the importance that the supply chain has within its production processes. We take care of the quality of the services, materials and products contracted, but never ceasing to strive for the integrity, ethics and sustainability of our partners. By valuing our Citizen Partnership Program with Society -PPCS, our UVSs - Sustainable Valuation Unit are guided to prioritize the hiring of local suppliers. The purchases of products and equipment, due to the large scale, complexity of our services and breadth of service to our units, are carried out in a corporate manner.

Since 2009, Our Shared Services Center (CSC) ensures that systems and processes are largely focused on compliance with company standards and procedures, Compliance rules and legal aspects.

All Supply areas and sectors carry out local or corporate purchases in accordance with the procedures set out by the company. These processes follow homologation criteria, such as the mandatory EAD course of our PIS-Sustainable Integrity Program and when identified as a highrisk supplier, Compliance analysis.

### 100%

of the active suppliers took the course of the PIS - Sustainable Integrity Program and underwent risk analysis.

+600

compliance analyses.

+1,300

suppliers of active products and equipment within the period, at Brazil level.

### +BRL 455 million

materials, products and equipment purchased

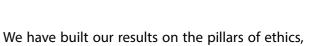
### +46 thousand

purchase orders.

### Main items purchased are:

- Cleaning materials





Our sustainable practices aim at investing in more circular technologies, protecting the environment and promoting public health, positively impacting society in the short, medium and long term, reinforcing the environmental, social and economic contribution in the localities where we operate.

We act responsibly at all stages of our service provision, establishing lasting and ethical links with our stakeholders, being the bridge to an even more sustainable future.

### Economical Performance

The indicators are presented in accordance with the Proforma Statement, considering the consolidation of companies with a share above 50%, except for the consolidation of UVS LAM.

Solví Group successfully faced the economic challenges posed by the COVID-19 pandemic to the waste management segment in Brazil, Argentina, Peru and Bolivia.

The company maintained its standard of meeting the demands of public cleaning by not interrupting its operations throughout the period, investing more than BRL 263 million in the Group and contributing more than BRL 559 million in taxes, intensifying its workforce and contributing to public health and its regulations.

More than BRL 3.9 million were also invested in socio-environmental actions in favor of the communities surrounding the UVSs and fiscal incentive programs: Law of Children and Adolescents, Law of the Elderly, Law of Sport and Culture

Our sustainable practices support a result that generates socio-environmental wealth and reinforces our commitment to society and the environment.

### Gross revenue per Pro Forma operation (%)

\* Pro forma Consolidation, considering 100% of the joint subsidiaries, therefore different from the corporate consolidation contained in the Financial Statements published on the website https://www.solvi.com/demonstracoes-financeiras

- Public Private
- Solid Waste Management Power Generation

2021

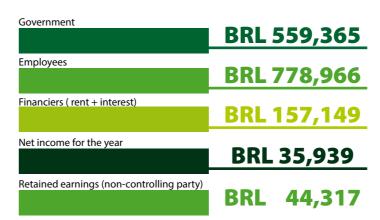
65.20%34.80%96.19%3.81%

2020

70.24%	29.76%
95.97%	4.03%
2019	
71.47%	28.53%
95.30%	4.70%

Distribution of the Pro Forma DVA (BRL/thousand)

Total: BRL 1,575,736



Pro forma EBITDA \*(BRL/thousand)

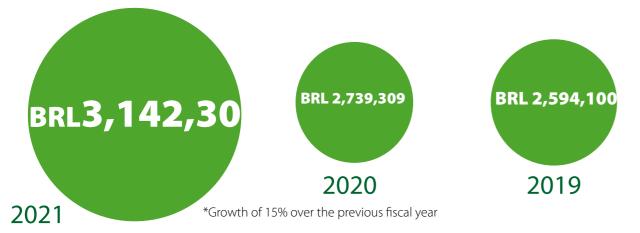


Total assets of the Solví Pró-Forma Group \* (BRL/thousand)

2021 BRL 3,799,642

2020 BRL 3,746,825 2019 BRL 3,857,202

### Solví Group Gross Revenue (BRL/thousand) Proforma\*





Intellectual Capital Human Capital

Financial Capital



Торіс	Remarks	Page		
102: General contents (2016)				
102-1 Name of the Company		3		
102-2 Activities, brands, products and services		18 to 29		
102-3 Location of headquarters		3		
102-4 Location of operations		7		
102-5 Type and legal nature of the property		3		
102-6 Markets served		7, 18 to 29		
102-7 Size of the organization		5.7, 29, 64, 65		
102-8 Information on employees and other workers		64 to 68		
102-9 Supply Chain		86		
102-10 Significant changes in organization or in its chain of suppliers		8, 9		
102-11 Precautionary principle		58		
102-12 External initiatives		84		
102-13 Participation in associations		84		
102-14 Message from senior management		11, 13		
102-15 Key impacts, risks and opportunities		48, 58, 74		
102-16 Values, Principles, Standards and behavior codes		6, 48, 50, 51		
102-17 Mechanisms for ethics guidance and concerns		48, 49, 50		
102-18 Governance structure		44, 45		
102-19 Delegation of authority		44, 45		
102-21 Stakeholder consultation on economic, environmental and social topics		14, 15		
102-22 Composition of the highest governance body and its committees		44, 45		
102-25 Conflicts of interest		53		

Topic	Remarks	Page		
102-26 Role played by the highest governance body when defining purpose, value and strategy		44, 45		
102-29 Identification and management of economic, environmental and social impacts		58		
102-30 Effectiveness of the risk management processes		58		
102-31 Analysis of economic, environmental and social topics		44, 45		
102-40 List of stakeholder groups		14		
102-41 Collective bargaining agreements		64		
102-42 Identification and selection of stakeholders		14		
102-43 Approach to engagement of stakeholders		14		
102-44 Main topics and concerns raised		14.15, 58		
102-45 Entities included in the financial statements		88		
102-46 Definition of report content and limits		15		
102-47 List of Material Topics		15		
102-48 Reformulation of information		3, 8, 9		
102-49 Changes in reporting		3		
102-50 Reporting period		3		
102-51 Date of the most recent report		3		
102-52 Reporting Cycle		3		
102-53 Contact point for report questions		3		
102-54 Statement of report of agreement with the GRI Standards		3		
102-55 GRI Content Index		90, 91, 92, 93		
102-56 External assurance		3		
103 Management Methods (2016)				
103-1 Material topic explanation and its limit		14.15		
103-2 The management approach and its components	The way of managing each material topic is informed along with the disclosure items of each specific topic	16		
201 Economical Performance (2016)				
201-1 Direct economic value generated and distributed		88, 89		
205 Anti-Corruption (2016)				
205-2 Communication and training in anti- corruption policies and		48, 51		
procedures				

Торіс	Remarks	Page			
205-3 Confirmed cases of corruption and measures taken		48			
3	<b>802 Power</b> (2016)				
302-1 Energy consumption within the organization	Only non-renewable source; We have no other consumption methods; Sold only electricity.	38			
<b>303 Water</b> (2018)					
303-3 Water withdrawal	There is no abstraction of surface water or sea water; No study was carried out to identify water stress; Since the total dissolved solids parameter is not controlled by the legislation, it has not been evaluated;	41			
303-5: Water consumption	There was no change in water storage.	41			
30	<b>5 Emissions</b> ( 2016)				
305-1 Direct emissions (Scope 1)		36			
305-2 Indirect energy emissions (Scope 2)		36			
305-5 Reduction of GHG emissions		37			
3	<b>06 Wastes</b> (2020)				
306-2 Management of significant impacts in relation to waste		34			
401 Employment	(2016)				
401-1 New employee hires and turnover		64, 65, 67, 68			
401-2 Benefits granted to full-time employees that are not offered to temporary or part-time employees		64			
403 Occupation	403 Occupational Health and Safety (2018)				
403-2 Hazard identification, risk assessment and incident investigation		71, 72, 73, 74, 76, 77			
403-3 Occupational health services		56, 71, 72, 73, 74, 76, 77			
403-4 Participation, consultation and communication of workers on occupational health and safety		56, 71, 72, 73, 74, 76, 77			
403-5 Training of workers in occupational safety and health		72, 73, 77			
403-6 Promotion of worker health		71			
403-7 Prevention and mitigation of occupational health and safety and impacts directly linked by commercial relations		60, 61, 72, 73, 74, 76, 77			

Topic	Remarks	Page
403-8 Workers covered by an occupational health and safety management system		56, 74
403-9 Occupational Accidents		72, 73, 74, 76, 77
405 Diversity and equal	opportunity (2016)	
405-1 Diversity of governance bodies and employees		44, 45, 53
407 Freedom of Association and	Collective Bargaining (2016)	
407-1 Identified operations and suppliers where the right to exercise freedom of association and collective bargaining may be being violated and at significant risk		48
408 Child Lab	or (2016)	
408-1 Operations and suppliers at significant risk for child labor incidents		53
409 Forced or Slave-L	ike Labor (2016)	
409-1 Operations and suppliers identified as having significant risk for the occurrence of forced or slave labor		53
413: Local commu	<b>nities</b> (2016)	
413-1 Operations with local community Each engagement, impact assessments, and development programs	JVSs has its own local mapping.	82, 83
415: Public Poli	cies (2016)	
415-1 Political contributions		53
418 Customer Pr	ivacy (2016)	
418-1 Substantive complaints regarding customer privacy violations and customer data losses		51, 53, 85



### Letter of **Assurance**

BSD Consulting - an ELEVATE Company carried out the independent verification of the process of preparing the

Sustainability Report 2022 (Activity 2021) of the Solví Group developed based on GRI (Global Reporting Initiative) Standards 2021. The process followed the criteria of the AA1000 Assurance Standard V3 that aims to provide stakeholders of the Solví Group an independent opinion on: the report quality; engagement processes with stakeholders, the company's sustainability management and the adherence to the principles of the AA1000 Accountability standard Principles 2018.

#### **Independence and competence**

We work independently and ensure that no member of BSD has contracts for consultancy or other commercial links with the Group solve BSD Consulting is a specialized company in sustainability. The work was carried out by a team of experienced and qualified professionals in external verification processes.

### Responsibilities of the Solví Group and BSD

The preparation of the Sustainability Report, as well as as the definition of its content, it is the responsibility of the Solví Group. The verification of the report was subject to BSD work.

### **Scope and Limitations**

The scope of our work included information from the full version of the 2022 Sustainability Report (Activity 2021) of the Solví Group, in the period covered by the report from January 1st to December 31st, 2021. The independent verification process was conducted in according to the AA1000AS v3 standard (AA1000 Assurance Standard v3), under Type 1 verification condition, providing a moderate level of Assurance. You purposes of the Warranty Statement are to inform to interested parties the conclusions of BSD on the process that covers the assessment of adherence to the Solví Group's accountability process to the four principles: Inclusion, Materiality, Ability to Response and Impact, as per the AA1000AP 2018 standard (AA1000 Accountability Principles 2018). the verification of financial

data was not the subject of BSD's work Consulting. The financial data was audited by a specialized company as stated in the opinion of the Financial Statements.

#### Methodology

The procedures developed during the work and the AA1000AS process verification approach included:

- Assessment of the content of the Sustainability Report from 2021;
- Understanding the flow of procurement and generation of data for the Sustainability Report;
- Research of public information about the sector and the company (press and websites);
- Conference on compliance with the "essential" level of the GRI 2016 standards;
- Interviews with managers and those responsible for grouping data on items selected by BSD to verify information on sustainability performance from the company;
- Based on sample tests, confirmation of information from the Sustainability Report with supporting documentation, management reports, internal controls and official correspondence.

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### Main Conclusions on Adherence to the AA1000AP 2018 Principles

### 1. Principle of Inclusion

The Solví Group – in its materiality process – consulted the public as stakeholders directly related to operations such as

employees, shareholders, directors, suppliers and customers. We highlight the following elements in relation to to the principle and inclusion:

- Grupo Solví seeks constant interaction with its stakeholders, through each of the business areas and through Entrepreneurship Model programs Solví (MES) as the Contract Management Program (PGC), Citizen Partnership Program with Society (PPCS), Integrity and Sustainability Program (PIS), the Value Creation Program (PCV) and the Solví Award for Innovation (PSI), which since 2021 is also open to the external audience.
- As a waste management operator, the Solví Group actively contributes to the formulation of strategies for the implementation of the National Solid Waste Policy (PNRS) through engagement with class institutions sector and with organizations linked to development sustainable development, such as the Brazilian Business Council for Sustainable Development (CEBDS) and Global Compact as well as the International Solid Waste Association (ISWA), an international association that works to promote and development of solid waste for a sustainable society.
- •The company carried out a materiality process in 2021 by consulting various stakeholders. the themes priorities for Solví were defined by the materiality matrix, developed through research online, which had the contribution of 62 stakeholders internal and 76 external stakeholders. We recommend also include community stakeholders within the scope of this engagement, to identify the impacts of the

company more comprehensively, since they were reported community interaction programs locations and collaborators that improve the processes of the day-to-day and social projects that benefit the society of surroundings of the Sustainable Valorization Units (UVS's).

#### 2. Materiality Principle

Through online stakeholder survey considered relevant, 25 themes in the environmental, social and governance were presented for evaluation. Using the survey results, 14 themes were defined as materials because they are more relevant to stakeholders and be aligned with the planning Solví Group's strategy:

• The 14 themes defined as materials for this report are: Water, Soil Preservation, Waste, Changes Climate, Energy, Health and Safety - Standards and working conditions, Child Labor - Forced labor or mandatory, Customer satisfaction, Development Community - Local Employment, Diversity, Bribery and Corruption, Political Contributions, Ethics and Integrity, Whistleblower protection.

**Natural Capital** 

- · All material topics were covered in the report with qualitative information and disclosure items connected to the themes, but we recommend deepening defining the limits of impacts and integrating themes such as the Whistleblower Protection theme in the scope of larger themes such as Ethics and Integrity.
- As there is a plan to update the matrix in 2023, the company has the opportunity to not only adapt the materiality process the requirements of the G3 2021 standard, as you can also use your communication channels with communities, employees and suppliers for mapping its impacts, thus having the possibility to review the content of your performance report sustainability with more precision and comparability of data and scenarios within the desired context.
- We also advocate a more detailed future in-depth information on the areas of biodiversity in the surroundings or where the landfills are installed, as it is considered a item with great impact on several factors, such as noise, particulate matter, attraction of pests and impacts on communities close to landfills in general.

### 3. Responsiveness Principle and Responsiveness **Principle Impact**

Through interviews and sample tests we found that the company has demonstrated to have a robust process of ESG data collection that, through a tool prepared internally, supports the process of managing sustainability and performance monitoring in all UVSs, being in the initial process of implementation and it is expected to extend its stage of maturity In the next years.

- In order to provide metrics and indicators for monitor its impacts, the Solvi Group started a process enterpriselevel data monitoring that involves the scope of the companies and units of the Group the so-called ESG Agents, which feed the database monthly and make it possible to have a view of the performance of the Group.
- · Although still being updated and with partial data, the system demonstrates well the information recorded

- in form of graphics, thus posing as a system of data intelligence that allows monitoring real-time of all indicators, which can support the decision-making in relation to material issues.
- Arising from the group's own activity, which is to collect industrial, residential and hospital waste and direct it to the best possible destination and generate cleaner energy from waste, the Solví Group has a range wide range of activities, projects and initiatives related to the context of sustainability, becoming a reference in many aspects, such as the transformation of biogas into electrical energy.
- Some Group companies have their own sustainability strategy and annual reports of socio-environmental performance. We recommend the mapping of all individual strategies to see kalignment with the corporateESG agenda of the Group. Using the central tool for data management ESG at unit levels could provide greater integration in sustainability management to value the role of ESG Agents.

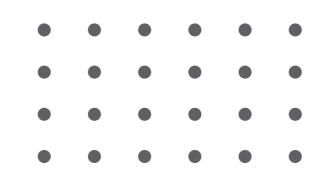
#### **Final considerations**

Based on the scope of our work and procedures assurance we performed, we concluded that nothing has come to our attention that leads us to believe that information regarding the performance of sustainability in the 2022 Sustainability Report (Activity 2021) of the Solví Group are not presented in fairly in all material respects. The company presents its performance clearly, taking into account to the requirements of the GRI 2016 standards and providing a balanced view of its sustainability management and impacts related to its operation.

Sao Paulo, June 29, 2022.











"We exist to fulfill our commitment to sustainability, to the planet and to people."

