



Change the Climate
 Assuring the Quality of
 Environmental Strategies in
 Latin-American Higher Education

Change the Climate
 Assuring the Quality of
 Environmental Strategies in
 Latin-American Higher Education

Project 609863-EPP-1-2019-1-PT-EPPKA2-CBHE-JP
 Jan.2020 - Jan.2023

Document administration	
Reference / Name	WP2.2.1 Scope of EMS UFSC
Author(s)	Lucila M. S. Campos, Cátia Carvalho and Anna Cecilia Petrassi
Editor(s)	Lucila M. S. Campos, Cátia Carvalho and Anna Cecilia Petrassi
Version	2.0
Date	07.20.2021
Changes	
Description	Scope of the EMS
Comments	

4.1 UNDERSTANDING THE ORGANIZATION AND ITS CONTEXT

The Universidade Federal de Santa Catarina (UFSC) has its main campus located in Florianópolis, capital of the state of Santa Catarina, Brazil. Founded on 18 December 1960 with the goal of promoting teaching, research and outreach, UFSC delivers free and public education and is placed among the best universities in Brazil and in Latin America.

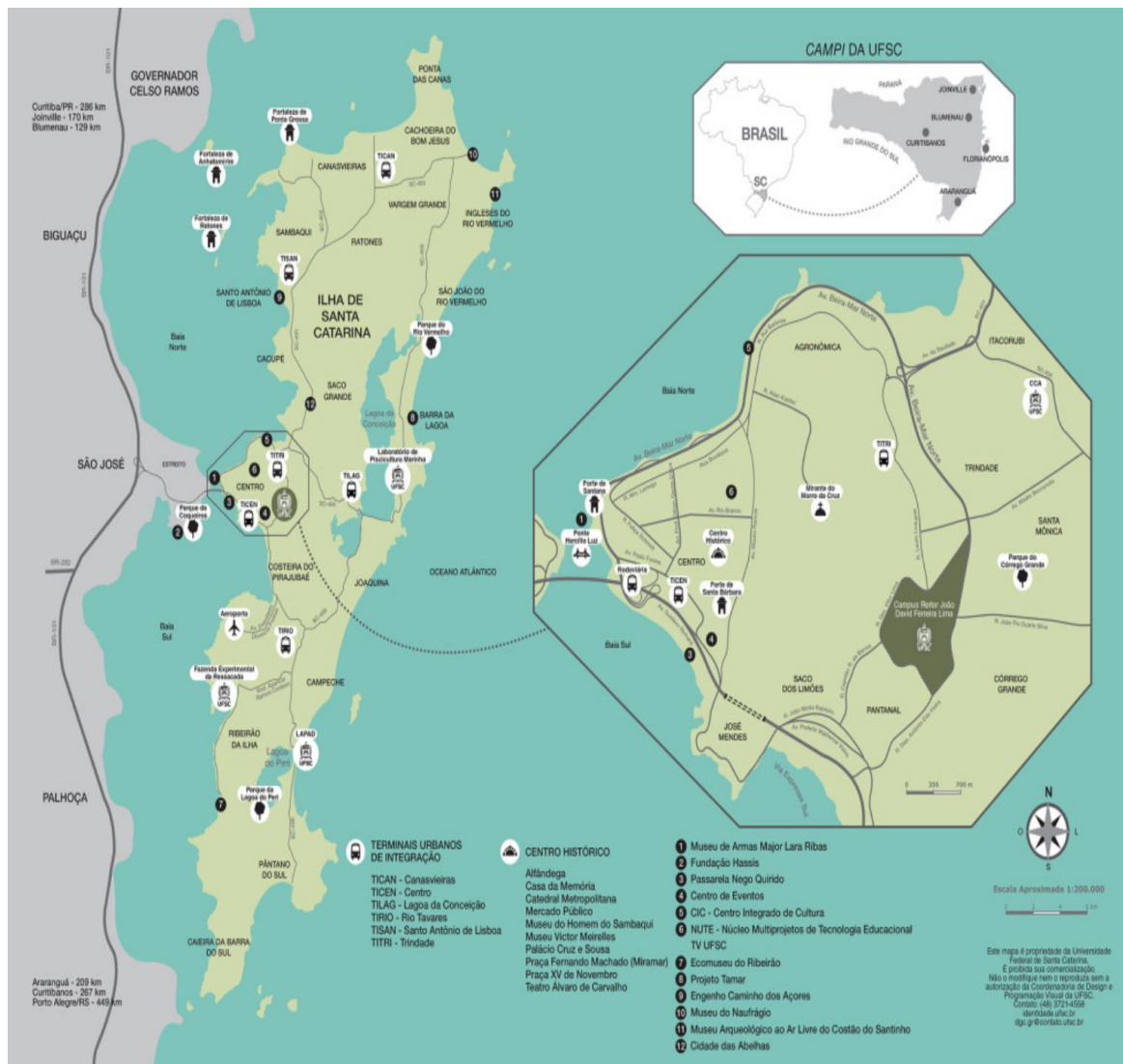
UFSC's mission is to produce, systematize, and socialize philosophical, scientific, artistic, and technological knowledge, broadening and deepening students' education for the professional practice, critical thinking, and national and international solidarity with a view to building a just and democratic society and also guaranteeing quality of life.

With four other campuses distributed in the cities of Araranguá, Blumenau, Curitibanos and Joinville, UFSC community consists of around 50,000 people, including about 6,000 faculty and staff members. The university has nearly 30,000 undergraduate students enrolled in more than 100 on-campus programs and 10 distance learning programs. At the graduate level, UFSC offers around 8,000 places in more than 60 academic master's programs, 15 professional master's programs and 50 doctoral programs, in addition to a number of graduate certificate programs offered on campus or via distance learning.

UFSC's achievements are seen as reference in Brazil and abroad and its internationalization process includes cooperation agreements with educational institutions all over the world. Currently, there are more than 300 partnerships with countries in all parts of the globe.

UFSC in the rankings

- In the Times Higher Education (THE) World University Ranking 2021, UFSC is among the eight best Brazilian universities. In the THE 2020 Latin America Ranking, it has reached position 9 in Latin America and a top ten position among Brazilian universities, whereas in the THE Golden Age University Rankings 2019 it was ranked the second best in Brazil.
- In the QS Latin America University Rankings 2021, UFSC was ranked 23th among the top universities in Latin America and 8th among Brazilian universities.
- The national Ranking Universitário Folha (RUF) 2019 ranked UFSC as the 7th best university in Brazil among 197 Brazilian universities, and the second best in the Southern Region.
- In the latest Índice Geral de Cursos (IGC) – instrument used by the Ministry of Education (MEC) to measure the quality of Higher Education Institutions in Brazil –, UFSC was ranked 5th best university in the country and is considered a university of excellence according to the MEC standards.



MISSION

The university's mission is to produce, systematize, and socialize philosophical, scientific, artistic, and technological knowledge, broadening and deepening students' education for the professional practice, critical thinking, and national and international solidarity with a view to building a just and democratic society and also guaranteeing quality of life.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

VISION

UFSC envisions to become a university of excellence and inclusion.

VALUES

UFSC must continue to establish itself as a center of academic excellence at regional, national, and international levels, contributing to the development of a just and democratic society and of a greater quality of life based on the following values:

- **High-quality:** an institution in continuous pursuit of academic excellence in all of its areas of action, especially in teaching, research and outreach.
- **Innovative and Entrepreneurial:** an institution able to identify, create, implement, support and encourage innovative and entrepreneurial opportunities, initiatives, careers, actions and practices.
- **Proactive:** an institution able to express opinions, influence and propose solutions to major issues, such as access to knowledge and citizenship, to environmental sustainability, and to the scientific, technological, economic, human and social development.
- **Inclusive:** an inclusive university, capable of looking at the most diverse social groups and building an environment where interaction and respect for all diversities, nationalities, classes, ethnicities and people with disabilities prevail; an institution committed to democratizing access to public, free and quality higher education and to overcoming any inequality, prejudice, exclusion or discrimination, in order to build a society that is more just and harmonic for future generations.

- **Internationalized:** a reference institution in the internationalization of higher education, able to enhance partnerships and agreements with international institutions in the most diverse branches of research, teaching and outreach; an institution that is ethically committed to the national and international academic community, and that actively contributes to the development of the University, the country and other nations.
- **Interdisciplinary:** an institution prepared to provide mutual interaction between the most diverse areas of teaching, research and outreach, so that such dialogues reverberate in the construction of a university of ever greater excellence.
- **Free and Responsible:** an institution where faculty, students and staff are free and responsible to develop their beliefs and their vocations in teaching, research and outreach; a university where there is freedom and responsibility of creation and decision making in the academic, administrative, scientific spheres and in the inter-institutional relationships and partnerships, both at the national and international levels.
- **Autonomous:** an institution able to decide upon its own course, within its competences, with accountability and transparency.
- **Plural and Democratic:** an institution committed to democratizing access to public, free and quality higher education, and to ensuring the full recognition of its academic diversity, with room for ideological pluralism and, above all, respect for any personal, academic, ethnic, cultural and intercultural differences and diversity; an institution that favors total openness to dialogue and full participation, and that values the commitment and responsibility to build and implement democratic and citizen practices.

- Dialogic: an institution that aims to promote dialogue not only between its students, faculty and staff, but also between the University and society as a whole, therefore stimulating the co-production of knowledge for scientific, technological, economic, human and social development.
- Well-managed and planned: an institution that has efficient and effective management and fundraising strategies to achieve its goals, with a view to operating with the excellence that is incumbent upon it, and yet remaining unbureaucratic in structure.
- Transparent: an institution that is accountable for its decisions and actions to the community.
- Ethical: an institution guided by ethical, social and environmental responsibility.
- Healthy: an institution concerned with promoting harmonious human relations and maintaining a sustainable and healthy environment, where there is health-oriented education; a university that spreads healthy practices and integral health care, providing longevity and quality of life.
- Sustainable: an institution capable of promoting not only sustainability, but also responsible and ethical awareness of environmental issues; a university that provides concern for humanity and for coming generations, working towards a future where economic and social development is built together with environmental preservation.

4.1.1. THE ENVIRONMENTAL MANAGEMENT

The environmental management at UFSC UFSC's environmental management takes place through the integration of two management structures, one of a strategic and advisory nature, the Permanent

Sustainability Commission (CPS), and the other of an operational and executive nature, the Environmental Management Coordination (CGA).

Sustainability management at UFSC is under the responsibility of the Permanent Sustainability Commission – CPS, with executive support given by the Environmental Management Coordination (CGA), which is an integral part of the Dean's Office, the highest-ranking executive body at the University. This demonstrates the commitment of High Administration with environmental management.

The **PERMANENT SUSTAINABILITY COMMISSION (CPS)** of the UFSC is a collegiate body, consultative and advisory body of UFSC's High Administration, which has among its functions:

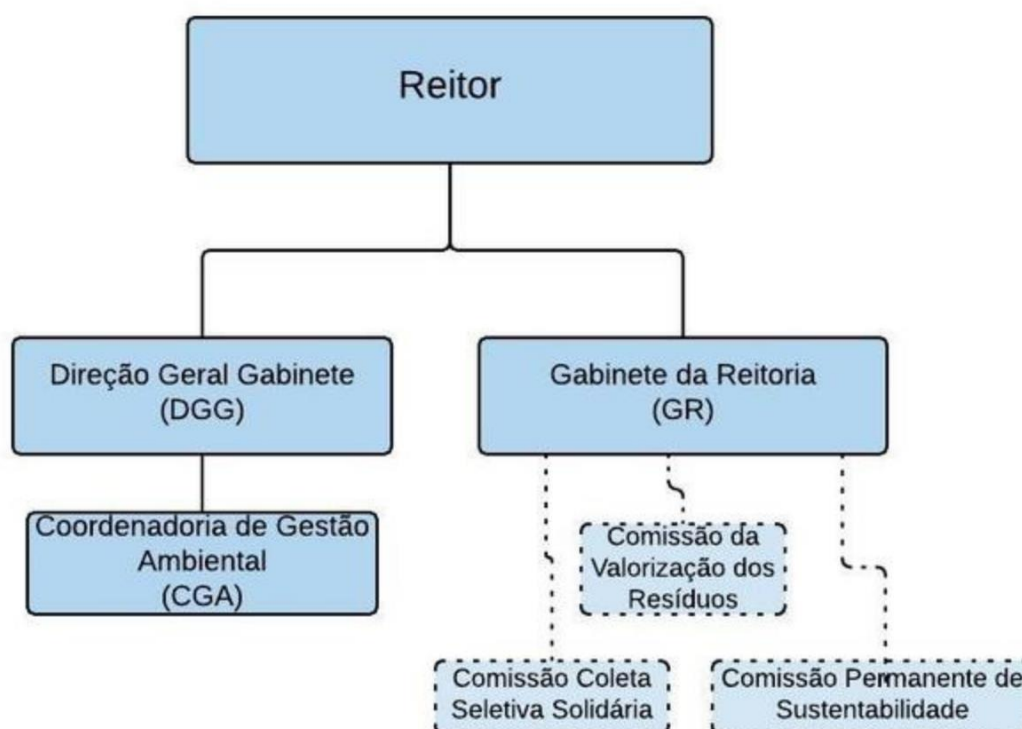
- Act as the Management Committee of the Sustainable Logistics Management Plan (CPLS), according to Normative Instruction No. 10/2012 of the Ministry of Planning, Budget and Management (MPOG), with the attributions of preparing, monitoring, evaluating and revising the Management Plan Sustainable Logistics (PLS) at UFSC;
- Act as the Management Committee of the Public Administration Environmental Agenda (CA3P), with the attributions of sensitizing managers about the importance of implementing the program, carrying out the diagnosis of the institution, carrying out the planning of actions, supporting the implementation of actions, promoting monitoring these and their results;
- Propose standards, procedures, actions and programs aimed at the sustainability of UFSC, in compliance with relevant federal, state and municipal legislation;
- Answer queries on matters within your competence.

The **ENVIRONMENTAL MANAGEMENT COORDINATION (CGA)** has as a mission: “The Environmental Management Coordination has the objective of joining efforts so that UFSC is an increasingly sustainable institution”. And the following assignments:

- Define and disclose UFSC's environmental guidelines;
- Develop and implement environmental education policies and programs;
- Encourage projects and actions aimed at promoting sustainability on UFSC's campuses and units;
- Promote studies and apply alternatives for more sustainable management;
- Maintain and qualitatively disclose UFSC's environmental data;
- Guide activities and projects aimed at the areas of conservation, protection and environmental defense;
- Issue opinions on cutting, pruning and planting forest species at UFSC;
- Instruct administrative processes of public bodies, with regard to environmental issues;
- Mobilize and assist the implementation and execution of environmental programs (UFSC Sustainable Logistics Plan, Environmental Agenda in Public Administration (A3P), Spending Efficiency. Among others);
- Promote the inclusion of sustainability criteria in UFSC's Purchases, Contracts and Works;
- Offer environmental advice to other sectors and departments of UFSC;
- Guide the processes related to the federal technical registration, authorizations and environmental licenses for UFSC activities;

- Coordinate the management and management of solid waste at UFSC (conventional, bulky, laboratory, civil construction and reverse logistics waste); Promote the rational use of natural resources and by-products, such as water, energy and soil;
- Promote the proper management of UFSC's effluents;
- Propose and guide actions aimed at preventing and controlling the occurrence of outbreaks of disease vectors.

ORGANOGRAM



4.2 UNDERSTANDING THE NEEDS AND EXPECTATIONS OF STAKEHOLDERS

The University's operational activities follow the strategic planning that is agreed upon in the Institutional Development Plan (PDI). The PDI is a document that aims to guide the university community to collectively achieve the goals as an institution.

The stakeholders are relevant to the compliance capacity of the EMS, hence the need to consider their needs and expectations regarding the environmental behavior of the University.

Thus, the main category of university stakeholders is the university community itself (students, professors, administrative technicians and outsourced employees), followed by the surrounding community, its service providers and suppliers.

UFSC, being a federal autarchy, is also subject to the expectations of the federal government, which expects the university to not only comply with the relevant legislation, but also to serve as a model for society, since it is training future professionals.

Consequently, UFSC works in line with the Federal Government's efforts to consolidate sustainable public purchasing policy, one example of these policies is internalizing sustainable criteria in its acquisitions and contracts seeking to promote sustainable development, without violating the principles of economy and competitiveness. More information can be seen Here: <https://ufscsustentavel.ufsc.br/compras-sustentaveis/>. Including a document that mentions issues related to purchases and contracting of sustainable materials, services and works are contemplated.

The Sustainable Management and Logistics Plan (PLS) is a planning tool that makes it possible to establish sustainability practices and rationalization of institutional expenses and administrative processes, featuring a structuring agenda for a socio-environmentally correct performance. The PLS

is governed by Normative Instruction No. 10, of 2012, which instituted its preparation, minimum content and mandatory publication.

There are other government laws and policies that the University is obliged to follow, such as Law No. 8.666, of June 21, 1993, which institutes rules for public administration tenders and contracts aimed at sustainable national development and Law No. 12.305/10, which instituted guidelines relating to integrated management and solid waste management.

4.3 DETERMINATION OF THE SCOPE OF THE ENVIRONMENTAL MANAGEMENT SYSTEM

This environmental management system should govern the entire university community contained in the four UFSC campuses and in the teaching and research units located outside the campus, such as "Fazenda Experimental da Ressacada", "Barra da Lagoa" and "Fazenda Yakult", whenever possible. When it is impossible to obtain data or other difficulties, this report will refer to the campus-sede Trindade.

The main campus of UFSC is the Campus-headquarters Trindade, inaugurated in 1960. It houses the central administrative units and main sectors of UFSC. It occupies an area of 10,536.318 m², with a Permanent Preservation Area of 224,560 m² in this space. UFSC also has the Araranguá, Blumenau, Curitibanos and Joinville campuses. The UFSC Araranguá campus was inaugurated in 2009 and occupies an area of 129,195.42 m². The UFSC Blumenau campus, opened in 2013, is located on a 6,595.25 m² location. The UFSC Curitibanos campus, created in 2009, occupies an area of 806,973.50 m². In Joinville, UFSC has since 2009 a land with an area of 1,181,190.07 m², where the buildings for the new university facilities in the city will be built, which are currently located in

rented space. There are other units in Balneário Barra do Sul and Bom Jardim da Serra that total an area of 3,630,000 m².

Building área (m²)	
Campus	2020
Araranguá	7.030,56
Blumenau	6.595,24
Curitibanos	12.507,34
Florianópolis	414.868,92
Joinville	13.672,16
Outros	530,92
Total m² UFSC	455.205,14

Its university community is made up of around 46 thousand people, including teachers, administrative technicians in education, outsourced employees and students. In addition to the headquarters, UFSC has four other campuses located in different municipalities in Santa Catarina.

University Community	2016	2017	2018	2019
Students without distance learning	43.749	44.072	39.802	38.442
Distance learning students	1.257	2.361	1.488	1.073
Total students	45.006	46.433	41.290	39.515

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Teachers	2.670	2.619	2.649	2.758
Administrative technicians in education	3.242	3.194	3.165	3.071
Outsourced employees	1.085	1.151	1.127	976
Total university community	52.003	53.397	48.231	46.320

An organization determines its environmental aspects and the associated environmental impacts, and determines those that are significant and therefore need to be addressed by its environmental management system. These aspects are addressed in UFSC's Sustainable Management and Logistics Plan, each aspect corresponds to an axis in the PLS, the PLS also presents actions in an eighth axis called “Quality of life”. Main aspects are: Water consumption and sewage disposal; Energy consumption; Sustainable Public Procurement; Rational use of materials; Proper management of non-hazardous waste; Proper management of hazardous waste; CO2 emissions. And they are summarized in **TableXX**.

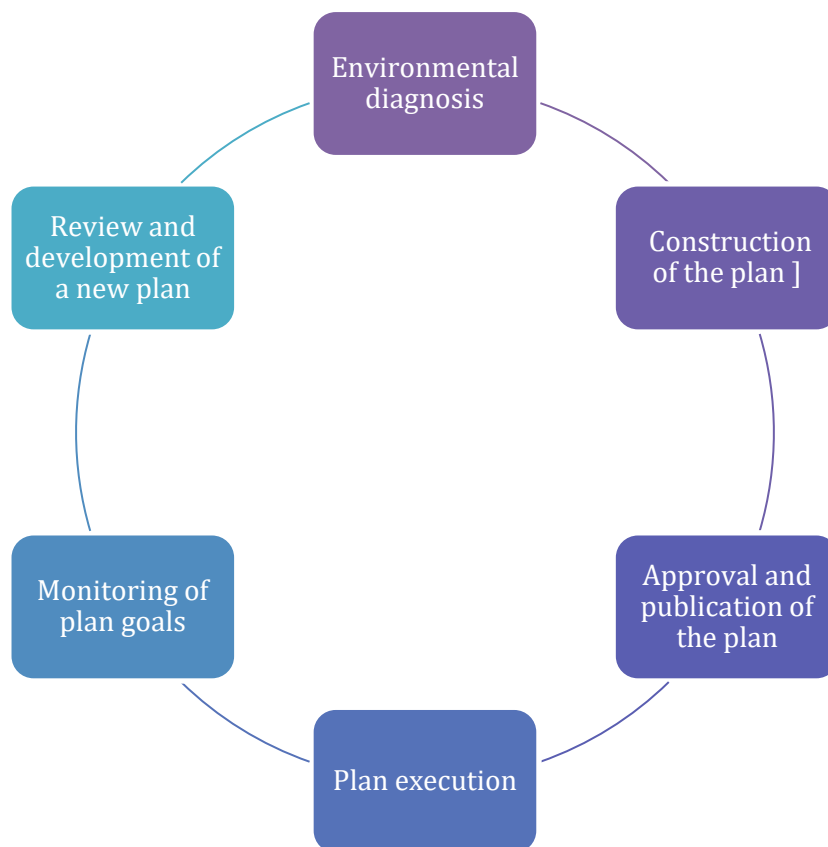
Table 1

Environmental <ul style="list-style-type: none">• materials• water• energy• biodiversity• CO2 emissions• solid waste
Social <ul style="list-style-type: none">• People<ul style="list-style-type: none">• gender equity• training• health and safety at Work• Student assistance<ul style="list-style-type: none">• gender• diversity• quotas• health and safety• Universal accessibility
Economic <ul style="list-style-type: none">• Sustainable Purchasing and Contracting

4.4 THE ENVIRONMENTAL MANAGEMENT SYSTEM

At UFSC, sustainability planning is broader and the environmental management system is contained in it. This planning is represented by the PLS document. The PLS is a planning tool that defines objectives, responsibilities, actions, goals, execution deadlines and monitoring and evaluation mechanisms, allowing institutions to establish sustainability practices and rationalize expenses and processes. The construction process of the PLS is legitimized in the university community through its participation in the elaboration of the plan and the use of public consultation in the finalization of the document.

The planning cycle for the PLS takes place every four years and complies with the PDCA, with the monitoring of goals taking place every six months and adjustments are made if necessary.

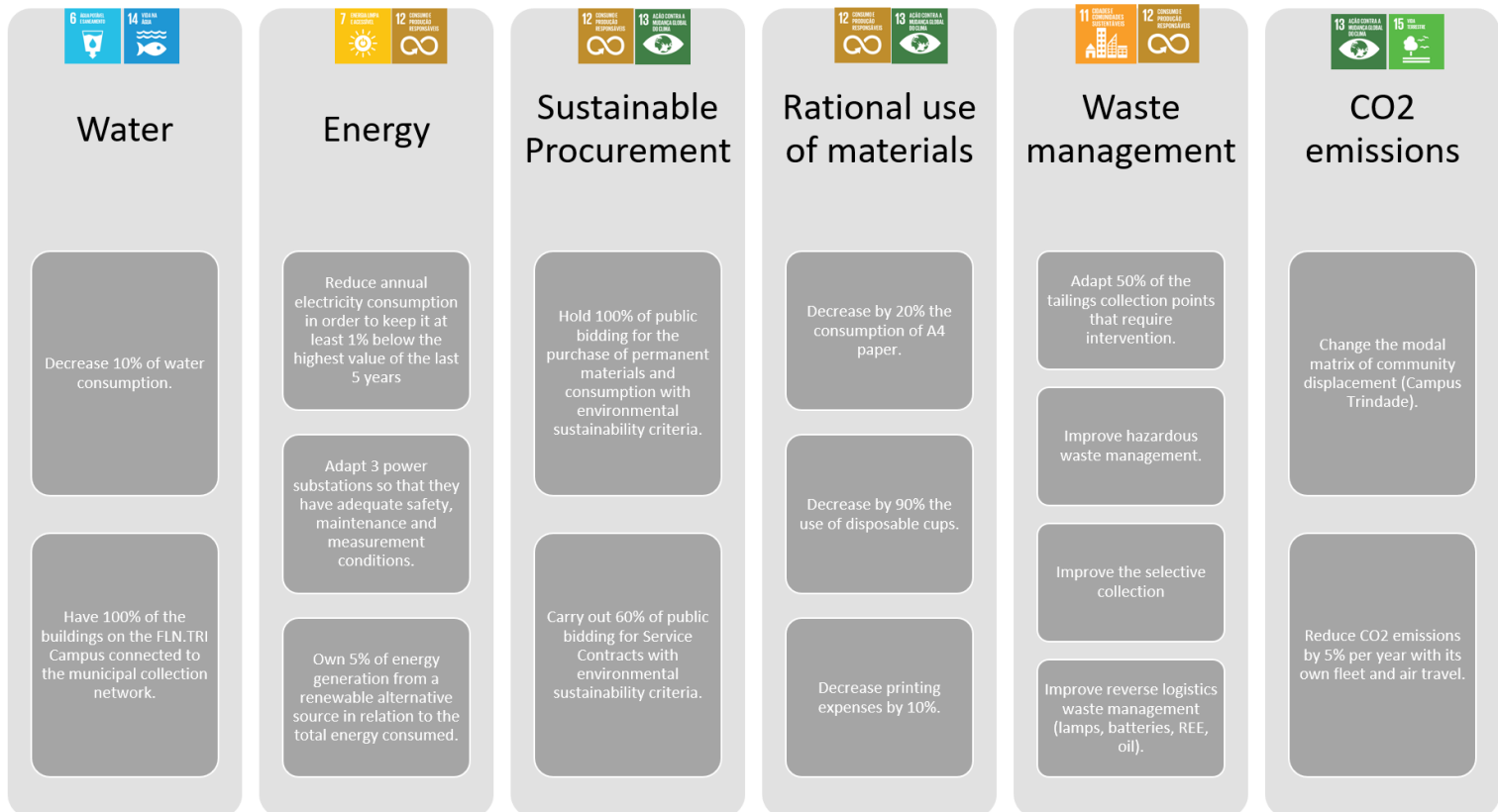


UFSC has a commitment to environmental management established through the Sustainable Management and Logistics Plan - PLS, which reinforces its commitment to sustainability and seeks to implement effective actions to contribute, in its sphere of action, to global efforts aimed at reversal of the current situation of environmental crisis, thus fulfilling its role as a state agent and educational institution, inducing behavioral, political and economic changes that can guarantee a secure future for all life on the planet.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



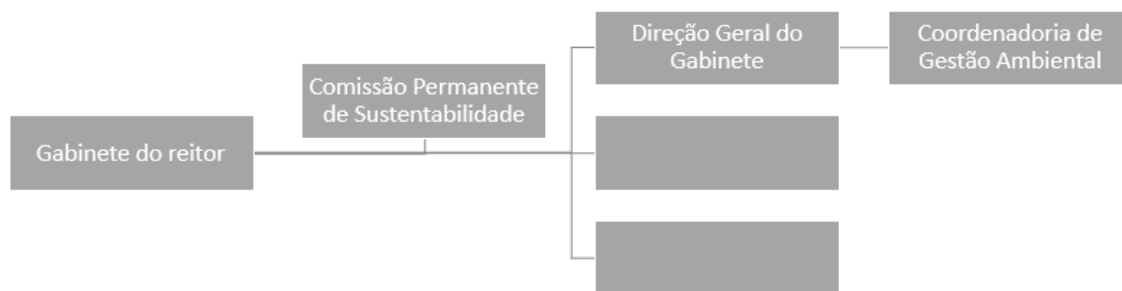
To achieve the intended results, an organization should establish, implement, maintain and continually improve an environmental management system. In the case of UFSC, this process occurs through the PLS, the goals related to the identified environmental aspects are listed in Figure XX.



5.1 LEADERSHIP AND COMMITMENT

Sustainability management at UFSC is under the responsibility of the Permanent Sustainability Commission – CPS, with executive support given by the Environmental Management Coordination, which is an integral part of the Dean's Office, the highest-ranking executive body at the University.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



The University values transparency in its management and annually publishes the Sustainability Report, a document prepared in accordance with the GRI standards.

5.2 ENVIRONMENTAL POLICY

An environmental policy is a set of principles declared as commitments, in which senior management describes the organization's intentions to support and increase its environmental performance.

UFSC's Environmental Policy, approved by CUn in March 2019, initially prepared by the Permanent Sustainability Commission of UFSC. Its objective is to institute principles, objectives, instruments, values and environmental practices that emphasize environmental preservation, conservation and sustainability to be observed in the administrative, teaching, research and extension segments.

The environmental policy could be found at <https://ufscsustentavel.ufsc.br/politica-ambiental-ufsc/>

6.1 ACTIONS TO ADDRESS RISKS AND OPPORTUNITIES

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

In accordance to the Normative Instruction No. 1, of May 10, 2016, of the Ministry of Planning, Budget and Management and of the Federal Comptroller General, all entities of the federal Executive Branch must adopt measures to systematize practices related to risk management, internal controls, and governance.

UFSC's Risk Management Policy was approved and published through Normative Resolution No. 144/CUn/2020, of October 27, 2020.

At UFSC, in addition to the aforementioned planning, which is materialized in the form of the PLS document, there is a risk control process, which, together with other risks, provides for actions to prevent and mitigate environmental risks as well.

Goal	Risk event	classification	Control Description
Foster the inclusion of environmental sustainability at all levels of education.	Environmental sustainability rarely addressed in teaching.	Operational	Offering training on the topic.
Encourage research in the area of environmental sustainability.	Lack of interest in the preparation of research projects aimed at environmental sustainability.	Operational	Performance of professors involved with the subject area.

<p>Promote awareness and raise the issue of environmental sustainability with the university and external community.</p>	<p>Low number of extension projects with the theme of environmental sustainability aimed at solving problems at the University or the surroundings.</p>	<p>Operational</p>	<p>1. Editorial Extension and Sustainability at UFSC. 2. Actions to publicize notices</p>
<p>Promote awareness and raise the issue of environmental sustainability with the university and external community.</p>	<p>Few extension actions for environmental sustainability</p>	<p>Financial</p>	<p>1. Extension and Sustainability Notice at UFSC 2. Project-Inclusion of Sustainability Criteria in Purchasing and Contracting of UFSC- Editorial ProBolsas</p>
<p>Promote awareness and raise the issue of environmental sustainability with the university and</p>	<p>Lack of support for student initiatives related to environmental sustainability</p>	<p>Communication</p>	<p>1. Channel for receiving extension-related demands 2. Systematized demand analysis process</p>

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

external community.			
Consolidate environmental sustainability practices	Lack of monitoring and review of the Sustainable Logistics Plan	Operational	<ol style="list-style-type: none"> 1. Environmental Policy 2. PLS 3. CGA Structure
Consolidate environmental sustainability practices	Waste of office and laboratory materials	Operational	<ol style="list-style-type: none"> 1. Environmental education and sustainability program (Training plan) 2. Environmental campaigns
Consolidate environmental sustainability practices	Inappropriate disposal of waste generated by the University	Operational	<ol style="list-style-type: none"> 1. Mapping for allocation of dumps; 2. CGA Campaigns 3. Environmental education and sustainability program (Training plan) 4. Existing contract for the collection of hazardous waste;

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

			<p>5. Purchasing calendar defined by PROAD with a list of registered and specified items and with the possibility of new registrations and specifications</p> <p>6. Solidary Selective Collection Project-ProBolsas Notice</p>
Consolidate environmental sustainability practices	Increased water waste	Operational	<p>1. Water monitoring carried out by CGA</p> <p>2. Program-Control and Hydrological Monitoring Campus UFSC in Joinville</p> <p>3. Simplified Project-Plan for Improvements in the Water Supply System and Awareness of the Rational Use of Water at UFSC</p> <p>2. CGA Campaigns</p>

			<p>3. Project “Recovery of Water Quality in Trindade Campus Streams”</p> <p>4. Program-Control and Hydrological Monitoring Campus UFSC in Joinville Institutional Project.</p>
--	--	--	--

6.1.3 LEGAL AND OTHER REQUIREMENTS

UFSC operates under the Brazilian legal framework regarding environmental issues.

Política Nacional do Meio Ambiente (Lei 6.938/81)

Área de Proteção Ambiental (Lei 6.902/81)

Política e o Sistema Nacional de Recursos Hídricos (Lei 9.433/97)

Decreto nº 5.940, de 25/10/2006, Coleta Seletiva Solidária

Política Nacional de Resíduos Sólidos (PNRS) (Lei 12.305/10)

Código Florestal Brasileiro (Lei 12.651/12)

Política Ambiental da UFSC (res nºxxx) ver com Lucila se entra aqui.

7 SUPPORT

7.1 RESOURCES

7.2 COMPETENCE

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Knowledge, understanding, skills or ability enable an individual to gain the necessary competence with respect to environmental performance. At UFSC, these skills are addressed through environmental education campaigns and training actions on environmental issues. Environmental education actions are the responsibility of CGA, while training actions are carried out by the training coordinator with support from CGA.

7.3 AWARENESS

Awareness is fostered by training actions, campaigns, support and disclosure of the Environmental Policy by senior management and by monitoring environmental performance through the annual Sustainability Report.

7.4 COMMUNICATION

The PLS has a chapter dedicated to the communication plan as a dissemination strategy and as a way to reach the entire university community. The planned communication actions can be seen in table XX.

Action	Status
Create Sectoral Sustainability Commissions composed of professors, technical-administrative staff and students from different departments, to encourage local sustainability actions.	Done
Formally present the "Sustainable UFSC" program and the PLS at Department Meetings (Colegiate of Departments).	In progress

Present the PLS to Center Directors	In progress
Disseminate in digital media at UFSC	In progress
Widget do UFSC Sustentável e PLS no site da UFSC	Done
Disclose via Internal Communication System	In progress
Disclose via email and forum	Done
PLS presentation to University Council - CUn	To do
Marketing using photos and publicity actions with the institution's top directors supporting UFSC Sustentável and PLS	To do
Training courses	In progress
Sustainability Internal Inspection Agents	To do
Institutional Video Production	Done
Visual Identity Manual	To do

7.5 DOCUMENTED INFORMATION

Documented information should be maintained to ensure consistency, timeliness and repeatability of results. In the interests of transparency, one of the principles of public management, the documentation mentioned in this document is available on the internet.

Environmental policy - <https://ufscsustentavel.ufsc.br/politica-ambiental-ufsc/>

PLS – <https://pls.ufsc.br>

Communication plan - <https://plsufsc.paginas.ufsc.br/files/2017/08/PLS-2017-Plano-de-Permeabilidade.pdf>

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Risk Control plan - <https://gestaoderiscos.ufsc.br>

Sustainability Report - <https://ufscsustentavel.ufsc.br/relatorio-de-sustentabilidade/>

PDI - <https://pdi.ufsc.br>

9 PERFORMANCE EVALUATION

9.1 MONITORING, MEASUREMENT, ANALYSIS AND EVALUATION

Monitoring takes place led by the CPS with executive support from the CGA, the indicators to measure the performance of the goals are those already provided for at the time of planning and disclosed in the PLS document. For each goal, there are one or more indicators that are monitored annually and disclosed in the Sustainability Report. The data are released monthly on the UFSC Sustentável website.

For the planned goals, the corresponding indicators are shown in table XX.



Eixo 1 – Sustainable procurement

	Meta	Indicador
Meta 1	Realizar 100% das licitações de compras de materiais permanentes e de consumo com critérios de sustentabilidade ambiental.	% de licitações com critérios de sustentabilidade ambiental.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Meta 2	Realizar 60% das licitações de Contratações de Serviços com critérios de sustentabilidade ambiental.	% de licitações com critérios de sustentabilidade ambiental.
--------	--	--

Eixo 2 – Rational use of materials



	Meta	Indicador
Meta 1	Diminuir em 20% o consumo do papel A4.	Nº de papel A4 consumido/pessoa.
Meta 2	Diminuir em 90% a utilização de copos descartáveis.	Nº de copos descartáveis 180 ml consumidos/pessoa. Nº de copos descartáveis 50 ml consumidos/pessoa.
Meta 3	Diminuir em 10% os gastos com impressão.	Valor gasto/pessoa
Meta 4	Adquirir 100% de papel com o selo Elemental Chlorine Free (ECF).	% de papel A4 não clorado adquirido.
Meta 5	Adquirir 75% de papel reciclado .	% de papel A4 reciclado adquirido.



Eixo 3 – CO2 emissions

	Meta	Indicador
Meta 1	Alterar a matriz modal de deslocamento da comunidade (Campus Trindade). Aumentar em 10% a comunidade que vai de bicicleta ao Campus Trindade, de 3 a 5 vezes por semana.	Taxa da população da Comunidade Universitária que vai ao Campus de bicicleta de 3 a 5x por semana.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

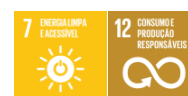


Meta 2	Reduzir em 10% a taxa da população da Comunidade Universitária que tem como meio de deslocamento mais frequente (para acesso ao Campus) o carro, como motorista.	Taxa da população da Comunidade Universitária que vai ao Campus de carro, como motorista, de 3 a 5x por semana.
Meta 3	Reduzir 5% a população universitária que vai de carro (como motorista), de 3 a 5 vezes por semana, nos Campi fora de Sede.	Taxa da população da Comunidade Universitária que vai ao Campus de carro, como motorista, de 3 a 5x por semana.
Meta 4	Reduzir 5% ao ano das emissões de CO2 com a frota própria e com viagens aéreas.	Taxa de emissão de CO2.
Meta 5	Melhorar a acessibilidade espacial no campus Trindade, através da execução de 100% das ações planejadas	Execução das ações planejadas no PLS.

Eixo 4 – Water



	Meta	Indicador
Meta 1	Diminuir 10% do consumo de água.	Consumo de água (absoluto).
Meta 2	Ter 100% das edificações do Campus FLN.TRI conectadas à rede de coleta municipal.	Taxa de edificações conectadas à rede de coleta de esgoto - FLC-TRI.
Meta 3	Ter 100% das edificações do Campus FLN.BAR conectadas à rede de coleta municipal.	Taxa de edificações conectadas à rede de coleta de esgoto - Campus FLN.BAR.



Eixo 5 – Energy

	Meta	Indicador
Meta 1	Reduzir o consumo anual de energia elétrica de forma a mantê-lo no mínimo 1% abaixo do maior valor dos últimos 5 anos	% de redução do consumo de energia.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

	(2018 nesse caso que teve o maior consumo, 26.920781kWh)(Para os cálculos serão desconsiderados o consumo de novas edificações que entrem em funcionamento até 2024).	
Meta 2	Redução de 1% o consumo de energia no horário ponta.	% de redução do consumo de energia no horário de ponta.
Meta 3	Adequar 3 subestações de energia para que tenham condições adequadas de segurança, manutenção e medição.	nº de subestações adequadas.
Meta 4	Possuir 5%, da geração de energia proveniente de fonte alternativa renovável em relação ao total de energia consumida.	Relação entre a produção de energia renovável alternativa e o total de energia consumida por ano.

Eixo 6 – Waste management



	Meta	Indicador
Meta 1	Adequar 50% dos pontos de coleta de rejeitos que necessitam de intervenção.	% dos pontos de coleta de rejeitos que necessitam de intervenção.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Meta 2	Aprimorar a gestão e o gerenciamento de resíduos perigosos.	Número de ações realizadas/ações planejadas.
Meta 3	Aprimorar a coleta seletiva	Número de ações realizadas/ações planejadas.
Meta 4	Aprimorar a gestão e o gerenciamento de resíduos de construção civil e volumosos.	Número de ações realizadas/ações planejadas.
Meta 5	Aprimorar a gestão e o gerenciamento de resíduos de logística reversa (lâmpadas, pilhas e baterias, resíduos de equipamentos eletroeletrônicos e óleos).	Número de ações realizadas/ações planejadas.

9.2 INTERNAL AUDIT

UFSC's internal audit monitors planned actions, not exclusively environmental ones, its activity reaches all the actions and activities of the University.

10 IMPROVEMENT

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



The PLS evaluation process is part of the continuous improvement cycle carried out by the University. This process takes place every four years, involves the entire university community, is extensive and lasts approximately six months.

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

iscte



The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

