

**INSTITUTO
FEDERAL**

Sul de Minas Gerais

1.0 - SETTING & INFRASTRUCTURE

ITENS

1.5 - Total main campus area (meter square)

7.130.915,00 M²

1.6 - Total main campus first floor area of buildings (meter square)

135.827,00 M²

1.7 - Total main campus buildings area (meter square)

165.000,00 M²

1.8 - Total main campus smart building area (meter square)

35.500

1.9 - Total parking area (meter square)

49.000,00 M²

1.10 - Total area on campus covered in vegetation in the form of forest (percentage)

18,44%

1.11 – Total ore on campus covered in planted vegetation (percentage)

60.000,00 M²

1.12 – Total area on campus for water absorption beside orest and planted vegetation (percentage)

6.965.000,00 M²

REFERS:

<http://prodi.ifsuldeminas.edu.br/visualizar/ver/237>

1.13 – Total number of regular student (part time and full time) - 12941

1.13 – Total number of online students (part time and full time) - 24621

1.14 – Total number of academic and administrative staff -

Outsourced (Raquel) + Actuals (Kátia) + Temporary (Monica) + Trainees (Alex) = =530+1060+73+223 = 1886

1.15 – University budget for sustainability effort within a year (percentage)

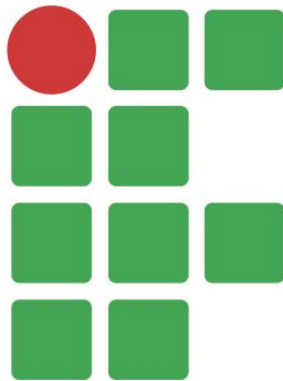
2016 – TOTAL – R\$59.426.565

BUDGET FOR SUSTAINABILITY – R\$4.206.947,13

R: PERCENTAGE: 7%

Font:

<http://www.ifsuldeminas.edu.br/index.php/pt/licitacoes/4876-2016-06-21-19-46-56>



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2.0 – ENERGY

ENERGY

ITEM 2.1 – Energy efficient appliances usage are replacing conventional appliances

60% a 80%

Ano Base 2013

Relatório de Gestão

Ano Base 2014

Relatório de Gestão

Ano Base 2015

Relatório de Gestão

ITEM 2.2 – Smart Building implementation

Program in initial implementation (e.g. Builder already appointed)

<http://www.ifsuldeminas.edu.br/index.php/pt/noticias/5129-2016-09-22-15-05-32>

ITEM 2.3 – Renewable energy produce inside campus

Hydropower

<http://www.muz.ifsuldeminas.edu.br/index.php/gerais/3636-campussustentavel>

Solar Power

<http://www.ifsuldeminas.edu.br/index.php/pt/noticias/5129-2016-09-22-15-05-32>

ITEM 2.4 – Electricity usage per year (in kilo watt hour) - 2015 /AUG - 2016 - AUG

62.980,00 Kilo Watt hour - Fonte SISPES

<http://www.ifsuldeminas.edu.br/00-arquivos/2016/outubro/26/PLS/IFSULDEMINAS%20-%20ENERGIA.jpg>

ITEM 2.5 –Ratio of renewable energy produce/production towards total energy usage per year

40 a 60%

ITEM 2.6 – Elements of green building implementation as reflected in all construction and renovation policy

Natural ventilation

Full natural day-lighting

Existence of building energy manager

Existence of Green Building

ITEM 2.7 - Greenhouse gas emission reductions program

Program in initial implementation (e.g. initial measurement of gas emission reduction)

<http://www.ifsuldeminas.edu.br/index.php/pt/noticias/5129-2016-09-22-15-05-32>

ITEM 2.8- Please provide total carbon footprint (CO2 emission in the last 12 months, in metric tons) - 175

Next Steps

Go carbon neutral by offsetting your carbon emissions via our high quality projects.

You can choose from a full portfolio of international projects –in locations such as UK, Europe, Africa, Asia and the Americas. As well as reducing carbon emissions, the projects support communities and within developing countries support health and education.

Benefits to your business are:

- Shows your commitment to the environment
- Great marketing & differentiation for your brand and products
- Helps meet CSR targets and can increase scoring in tenders, CDP reporting etc.



For your business, carbon neutrality brings great marketing benefits along with being beneficial during sales tenders to differentiate your company.

When you offset, you will get a certificate and are free to use images and text related to the project to promote your actions.



Carbon Offsetting Projects – left to right - UK Schools Tree Planting, Brazil – Amazon Avoided Deforestation and Rwanda – Clean Water projects

Funding & Further Support

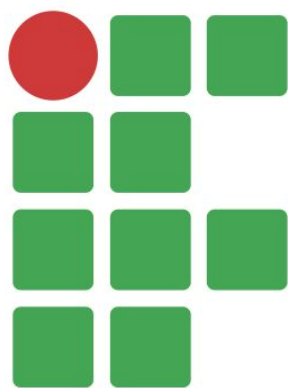
Carbon Footprint Ltd provides a full range of highly cost effective carbon and sustainability services, ranging from GHG emission audits, carbon management planning strategy workshops, ISO 14001 and ISO 9001 support, implementation, specialist carbon marketing & communications support to maximise the impact of your programmes.

Further Support

- Carbon Footprint Assurance – Validating your Carbon Footprint for compliance/stakeholder reporting needs
- Carbon and Sustainability Workshops - to engage staff and management teams, to get agreement on strategy, goals, targets and actions.
- Carbon Management Planning - documenting a management plan to help drive performance and meet your targets.
- Energy audits & surveys – for compliance and other requirements (e.g. ESOS, DECs, EPCs).
- Data Collection & Monitoring Systems - design and development of automated systems, to save you time and ensure accurate data collection.
- ISO 14001 and ISO 9001 support to enhance and provide assurance to your stakeholders of your environmental and quality management.
- Staff Training & Engagement - getting your staff involved and motivated to help achieve your business goals, through workshops and e-learning courses.
- Health and Safety audits, OHSAS 18001 and training to ensure you have the best health and safety practices and staff are appropriately trained.
- Marketing Communications - accurate, responsible and creative promotion of your credentials, to your internal and external stakeholders, to help maximise your ROI and avoid common pitfalls.
- Product Lifecycle Assessments (LCA) & Carbon Labelling - Differentiating your product from your competitor from cradle to grave.
- Sustainable Policy - Facilitating your Board of directors to develop a pragmatic Sustainable Policy and roadmap for your business.
- General consultancy support - Assisting you in whatever way you need to make your carbon, environmental and sustainability programme deliver value to your business.

Disclaimer

The results reported herein have been calculated automatically using DEFRA and other internationally recognised metrics from data submitted by the client. No checks have been made on the validity or completeness of the data that the client has entered. Carbon Footprint Ltd always recommends that input datasets should be verified by a qualified environmental consultant, to confirm validity of results.



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3.0 – WASTE

ITEM 3.1 –

- x Double sided-printing policy program
- x The use of tumbler
- x The use of reusable bag
- x Print when necessary

Boletim da Sustentabilidade

1 -2 -3 - 4 -5 -6 -7 -8 -9-10 -11

ITEM 3.2

Extensive (more than 50%)

<http://www.ifsuldeminas.edu.br/index.php/pt/plano-de-logistica-sustentavel>

Campus – Page 5 each

Inconfidentes

Machado

Muzambinho

Passos

Poços de Caldas

Pouso Alegre

Reitoria

Campus Avançado

Carmo de Minas

Três Corações

ITEM 3.3 –**Partly contained and inventoried**

<http://www.pcs.ifsuldeminas.edu.br/images/stories/2016/marco/20160317/residuos/pgrs%20-%20reviso%20004.pdf>

ITEM 3.4**Partly composted and compost used**

<http://www.mch.ifsuldeminas.edu.br/noticias/100-noticias-2013/1210-horta-nas-escolas>

ITEM 3.5 -

Fully recycled (more than 50%)

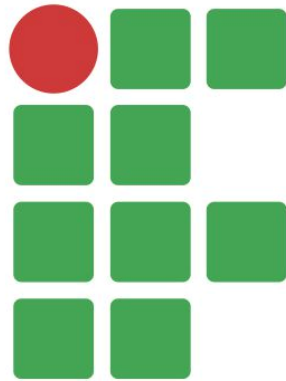
<http://www.pcs.ifsuldeminas.edu.br/images/stories/2016/marco/20160317/residuos/pgrs%20-%20reviso%20004.pdf>

<http://www.ifsuldeminas.edu.br/index.php/pt/plano-de-logistica-sustentavel>

ITEM 3.6 - Sewage disposal

Treated individually in septic tank

www.mch.ifsuldeminas.edu.br/noticias/138-2016-01-04-10-40-32/3513-ead



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4.0 – WATER

4.1

Program in preparation (e.g. Feasibility Study and promotion) and Implemented in Rain Harvesting System

4.2

X Recycled water is used for garden sprinkler system

X Recycled water is used for toilet flush

<http://www.mch.ifsuldeminas.edu.br/noticias/115-2015-01-05-15-41-12/2457-patente-ifsuldeminas>

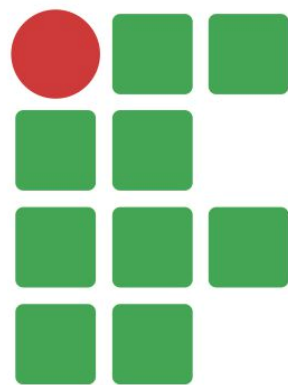
<http://www.mch.ifsuldeminas.edu.br/noticias/138-2016-01-04-10-40-32/3052-2016-04-05-14-05-06>

4.3

Water efficient appliances installed is 25%-50%

4.4

100%



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5.0 – TRANSPORTATION

5.1 Number of cars owned by your university

Total car - 161

5.2 Number of cars entering the university daily

Information not measured

5.3 Number of motorcycles entering the university daily

Information not measured

5.4 Number of campus bus operated in your university

25 vehicles

5.5 Average passengers of each campus shuttle

30 passengers

5.6 Total trips for campus shuttle service each Day

9 (nine)

5.7 Number of bicycles that are found on campus on an average Day

Information not measured

"5.8 Parking area type:

a. Open space or horizontal type;

b. Combination of open space and building; X

c. Building or vertical space;

d Parking is not permitted."

"5.9 Parking area reduction for private vehicles within 3 years (from 2013 to 2015):

a. None; X

b. Program in preparation (e.g. feasibility study and promotion);

c. Less than 10% decrease;

d. Between 10 - 30% decrease;

e. More than 30% decrease or parking is not permitted in campus."

"5.10 Initiatives to decrease private vehicles on campus:

a. High charging parking fee;

b. Car sharing;

c. Metro / tram / bus station on campus; X

- d. Metro / tram / bus services inside campus;
- e. None."

"5.11 Campus shuttle service:

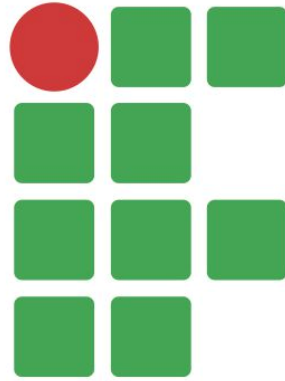
a. Shuttle use is possible but not provided X

- b. Shuttle service is available, but paying service;
- c. Shuttle service is available, and free service;
- d. Shuttle use is not possible."

"5.12 Bicycle and pedestrian policy on campus:

- a. Bicycle and pedestrian way is not available;
- b. Bicycle use not possible or practical, but pedestrian way is available;
- c. Bicycle and pedestrian way are available; x**
- d. Bicycle and pedestrian way are available, and bicycles provided freely by university."

5.13 The approximate travel distance of a vehicle each day inside campus only (in kilometers) – About 2 kilometers



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6.0 - EDUCATION

6.1 Number of courses related to environment and sustainability offered: 40 COURSES

6.2 Total number of courses offered : 200 COURSES

110 EXTENSION

90 REGULAR

6.3 Total research funds dedicated to environmental and sustainability research (in US Dollars)

REAL - 114.173,03 - DOLAR :

6.4 Total research funds (in US Dollars)

REAL - 517.824,46 – DOLAR

6.5 Number of scholarly publications on environment and sustainability published

155

6.6 Number of scholarly events related to environment and sustainability

15

6.7 Number of student organizations related to environment and sustainability

2

6.8 Existence of a university-run sustainability website

Available – Web site and Blog

6.9 Sustainability website address if available

Website

<http://www.ifsuldeminas.edu.br/index.php/pt/plano-de-logistica-sustentavel>

Blog

<http://ifsuldeminassustentavel.wordpress.com/>