Template for Evidence(s)
UI GreenMetric Questionnaire

University : IFSULDEMINAS
Country : BRAZIL
Web Address : https://www.ifsuldeminas.edu.br/index.php

[2] Energy and Climate Change (EC) [2.1] Energy efficient appliances usage

Figure 1: Campus Muzambinho efficient air conditioning.

Figure 2: Campus Muzambinho LED tubular lights.

Figure 3: Rectory LED tubular lights.

Figure 4: Campus Carmo de Minas efficient refrigerator.

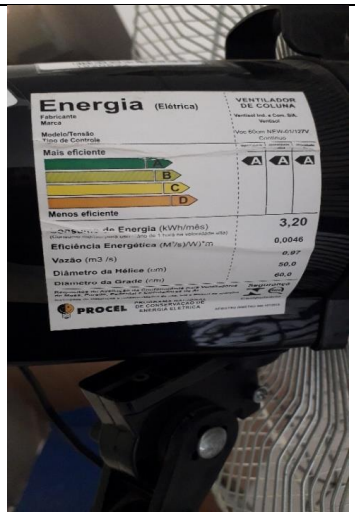

Figure 5: Campus Carmo de Minas efficient ventilator.

Figure 6: Campus Carmo de Minas efficient air conditioning.

Figure 7: Rectory efficient air conditioning.

Figure 8: Campus Poços de Caldas Energy Efficiency and Renewable Energy laboratory (LEFEER).

Figure 9: Campus Inconfidentes previous lighting compared to new LED lighting.

Figure 10: Campus Inconfidentes replacing the lighting in the main building.

Figure 11: IFSULDEMINAS and DME celebrate results of the first phase of the “IF Solares” Project.

Figure 12: Campus Poços de Caldas Photovoltaic Systems Installer course in Initial and Continuing Education (FIC).

Figure 13: IFSULDEMINAS is selected in public call with solar power project.

Figure 14: IFSULDEMINAS renewable energy bidding expertise.

Description

Figure 10: Campus Inconfidentes replacing the lighting in the main building

Saving energy and contributing to environmental sustainability and energy efficiency is the objective of the work at the Inconfidentes Campus, which provides for the replacement of fluorescent lamps for LED lighting. Available at: https://portal.ifs.ifsuldeminas.edu.br/index.php/component/content/article?id=338.

Figure 11: IFSULDEMINAS and DME celebrate results of the first phase of the “IF Solares” Project

IFSULDEMINAS and Municipal Department of Electricity - DME Poços de Caldas officials celebrated the results already obtained with the actions of the first year of the Energy Efficiency (PEE) and Research and Development (R&D) Programs developed by the “IF Solares” project. Recognized with more than US$ 250 thousand in resources by the National Electric Energy Agency (ANEEL), the project “IF Solares” has already completed its first phase, which involved the Energy Efficiency (PEE) actions.

In this phase, the pole reflectors and fluorescent lamps of the IFSULDEMINAS - Campus Poços de Caldas buildings were replaced by another 300 LED lamps, which are more economical and less harmful to the environment. A new photovoltaic plant was also installed on the roof of the Campus library, which started to work in conjunction with the one previously installed through the “IF Solar” project. Twelve energy meters were also placed throughout the campus, making it possible to monitor the energy consumption of each institution building. Available at: https://portal.pcs.ifsuldeminas.edu.br/noticias/2249.

Figure 12: Photovoltaic Systems Installer course in Initial and Continuing Education (FIC)

IFSULDEMINAS Campus Poços de Caldas, through the IFSOLARES Project Coordinator in partnership with the Institutional Center for Research and Extension (NIPE) opened the Photovoltaic Systems Installer course in Initial and Continuing Education (FIC).

The course aims to train professionals to size, supervise, specify, install, operate and maintain photovoltaic

systems in accordance with technical standards and technical and regulatory procedures, ensuring quality and safety of installation of photovoltaic systems with the best use of converting solar irradiation into electricity, respecting the environment. Available at: https://portal.pcs.ifsuldeminas.edu.br/noticias/2024.

Figure 13: IFSULDEMINAS is selected in public call with solar power project

IFSULDEMINAS was one of the chosen in the public call Good Practices of the Environmental Public Administration Agenda (A3P), held by the Ministry of Environment and the UN Environment. The IF Solar project , developed by the institution, was selected in the category "Rational use of energy and energy efficiency", along with 19 other initiatives. In total, 297 projects were registered, of which 125 were classified. Available at: http://www.energif.org/noticias-joomla/index.php/2-uncategorised/78-instituto-federal-do-sul-de-minas-e-selecionado-em-chamada-publica-com-projeto-de-geracao-de-energia-solar.

Figure 14: IFSULDEMINAS Renewable Energy Bidding Expertise

IFSULDEMINAS has again structured a bidding process, at the request of the Ministry of Education, of Price Registration for hiring a company specialized in sustainable energy production technology, based on photovoltaic plates. Available at: http://www.energif.org/noticias-joomla/index.php/noticias/85-expertise-em-licitacao-de-energias-renovaveis.