

Juni 2019

SU-News

Solar cells mounted at SU-Southern House

Solar cells are a renewable way of producing electricity out of sunlight, CO₂ free and low operation costs. More than half of the energy used in Sweden comes from renewable energy sources. Sweden manages to combine high energy consumption with low carbon emissions.

“The solar cells are expected to generate about 131,000 kWh per year and the electricity goes directly to the house”, says Andreas Wiman, energy engineer at Akademiska Hus.

IT new dismantle system for waste electronics has a positive impact on the environment

SU IT department started in March 2019 a new system for waste electronics and electrical equipment disassembly and recycling with positive results, emission of CO₂ has decreased and a large part of material has been recycled and reused. All computers and other IT equipment owned by Stockholm University are primarily sold on the secondary market. If this is not possible, equipments are disassembled and recycled.

“If the computer is sold, the money will return to the department again. Otherwise, the equipment is recycled according to ISO 14001 and the green IT standard”, says Gunne Storm, responsible for the system at SU.

Submitted hazardous waste is increasing

The amount of hazardous waste (such as chemical residues, solvents and infectious/biological materials) collected in 2018 was 41,400 kg and has increased steadily since 2011. Unused chemicals stored in old chemical cabinets, solutions that previously went down in the sewage and materials that were previously sent as household waste after autoclaving are behind the increase.

“It is simply because we have become better at managing our hazardous waste,” says Margaretha Åkerholm, environmental officer at SU.

SU energy consumption survey

SU is mapping the university energy consumption. Since 2017, the university electricity consumption is increasing. The aim of the survey is to understand how electricity is used and produce a list of proposals to reduce the energy consumed.

“So far, the survey shows that the stand-by mode of our equipment consumes a lot of electricity (for example, refrigerators and copy machines), says Jenny Lilliehöök, environmental coordinator at SU.

More information about SU environmental work is found at SU-Sustainable Campus website:
<https://www.su.se/sustainablecampus/>

MBW-News

Work environmental and environmental group at MBW

The group is working with safety, work-health and environmental questions related to our department. Protocols are found in our internal website. Next meeting is planned in august 2019. Please contact the group through MBWs lab manager (johanna.steen@su.se) or safety representatives with questions and suggestions! Let's work together!

Evaluation and risk assessment of CMR compounds

According to the law carcinogenic, mutagenic and/or toxic for reproduction (CMR) chemicals/products can be handled only after it is deemed technically impossible to replace them with a less harmful alternative chemical/product. CMR chemicals used by your lab need to be evaluated as to the necessity of their use. MBW is coordinating efforts to go forward with the goal of having remaining CMR chemicals evaluated with risk assessments by the end of 2019.

Remarking chemicals with the new CLP symbols

By June 2019, all chemical products that today have the old symbols (orange symbols) must be mark with the new pictograms according to CLP. The technical group provides stickers to relabel the chemicals as required.



For information about MBW environmental work please contact:

heinrich.vonfircks@su.se , beatriz.campos@su.se

Courses and Events

Introductory meeting with the Technical Group

The technical group wants to invite you to an introduction meeting to inform you about fire safety, environmental policy, and some routines at MBW – washing and sterilization, treatment of hazardous waste, system for management of chemicals (KLARA),etc. All MBWers (old and new) are welcome to participate.

- Date: 12 June,11:00-12:00
- Location: F504, MBW
- Registration via email to beatriz.campos@su.se

Waste management at Stockholm University

You may have noticed that you can now add envelopes, books and post-it notes among the recycled paper. There are some initiatives that the university has made to improve waste management. Come and learn more about the university's waste management. All employees are welcome to participate.

- Date: 3th September, 9:00-11:00
- Location: F614, Southern House, floor 6, house F
- Registration via email to jenny.lilliehook@su.se