

Diarie nr: SU-485A-0016-26	Datum (fastställt/rev.): 2026-03-10	Sida 1 (5)
Dokumentnamn: Environmental Action Plan for the Department of Environmental Science 2026		
Utfärdat av: Douglas Nilsson and the environmental work group at ACES		
Fastställt av (institution/enhet): Department board 2026-03-10		

Area	Goal	Activity	Responsible	Resources	Indicator (if possible)	Deadline
1. Consumption (in accordance with SU22, Ch. 4)	The objective is to reduce purchases of new computers and extend the service life of those we buy.	Investigate the feasibility of purchasing computers that can be repaired or upgraded, for example from frame.work , including whether procurement arrangements would need to be changed. This could enable repairs and thereby extend the service life of our computers. In the laptops currently used most widely at ACES, almost all functions are integrated into the motherboard. If something breaks, the entire motherboard has to be replaced, making repairs uneconomical.	Merle Plassmann Environmental Group	3 days	Longer service life for our computers. More repairs and fewer new purchases.	2027-12-31
2. Reduced greenhouse gas emissions (in accordance with SU22, Chs. 3-4)	The objective is to resume a downward trend in ACES total CO2e emissions from the stable level established after the pandemic, so that climate neutrality can be achieved by 2040; see SU22, Ch. 4. <i>ACES has data on CO2e emissions from air travel up to and including 2025, but not for other sources. The data show that ACES emissions from intercontinental and Nordic air travel are decreasing. Emissions from European flights are not decreasing and in fact exceed our emissions budget. Domestic air-travel emissions are even increasing.</i>	Inform Leadership about how travel and emissions statistics have responded to previous measures and policies, and about the overall trend and trends in different parts of our operations. Leadership informs all employees about the situation.	Douglas Nilsson Other members of the Environmental Group assist with information at unit meetings. Leadership Group	3 days	Reduced total CO2e emissions. Reduced CO2e emissions from air travel. Fewer air journeys.	2026-12-31

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3. Greenhouse gas emissions from travel (in accordance with SU22, Ch. 4, SU20 and NatFak25)	A shift from air to rail travel is intended to help reduce ACES CO2e emissions. Interim objective: employees should be able to book official rail travel themselves, particularly international rail travel, using the services offered by SU. <i>In EAP 2025, ACES prioritised international rail travel over air travel. We see no corresponding reduction from 2024 to 2025, although it is probably too early to see clear results. Emissions also remain above the ACES budget for European air travel. In addition, ACES domestic air-travel emissions have increased since 2023, mainly from journeys under 700 km.</i>	The objective will be pursued through continued information and encouragement: - Employees are informed about rail-booking options through annually updated information at a departmental meeting, unit meetings, the ACES newsletter, emails from the Head of Department, and updated information on the intranet. This year's update includes the option of using a travel agency specialising in rail travel. The agency will therefore be invited to introduce its services at a departmental meeting via Zoom. - Because ACES efforts to reduce CO2e emissions from European air travel have not yet produced visible results, this financial incentive should continue. Its scope and details will be decided by the Leadership Group. ACES domestic CO2e emissions from air travel have increased since 2023. We should therefore remind employees that air travel for journeys under 700 km contravenes SU20.	Douglas Nilsson Other members of the Environmental Group assist at unit meetings. Leadership Group	6 days	Number and distance of international rail journeys. Reduced CO2e emissions from travel, with specific monitoring of European and domestic flights.	2026-12-31

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4. More environmentally sustainable laboratories	Sustainable laboratories (continued from EAP 2025)	ACESo was certified as a sustainable laboratory in 2024/25 through My Green Lab . ACESx has begun the process and is expected to complete it in 2026. Other units will be encouraged to participate and will be offered support on a voluntary basis, according to each unit's wishes.	Merle Plassmann Other Environmental Group members in their respective divisions.	SEK 5,000 per unit Certification survey: 30 + 30 minutes per person	More sustainable laboratories Increased awareness. Lower consumption of consumables and chemicals.	2026-12-31
5. Reduced greenhouse gas emissions	The objective is to increase knowledge of certain ACES greenhouse gas emissions that are not covered by current databases. (carried over from EAP 2025) <i>The SVALNA database omits CO₂e emissions that are not invoiced through SU. Examples include emissions generated when our researchers participate in field studies using research vessels and aircraft.</i>	Investigate the possibility of obtaining emissions information from the operators of the research vessels and aircraft most commonly used in activities involving ACES researchers. Calculate the proportion attributable to our researchers' participation. This is a pilot project intended to estimate the scale of these emissions before potentially recommending that SU conduct this calculation annually.	Douglas Nilsson	4 days	Estimated CO ₂ e emissions from expeditions, compared with other sectors.	2027-12-31

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6. Information and awareness raising	ACES induction material for new employees is being revised, and we will use the opportunity to improve the sections concerning environmental matters.	Improve information about the EAP, the Environmental Group, and SU and ACES environmental policies, including travel policies, in the induction document provided by ACES to all new employees.	Douglas Nilsson, Merle Plassmann and Flor Pineiro	1 day		2026-12-31
7. Better representation in the Environmental Group	Add a student representative to the Environmental Group.	Recruit a first-cycle/second-cycle student or doctoral student as a representative on the Environmental Group. According to instructions from SU central environmental Leadership (Magnus Breitholtz), a student representative should be included in the Environmental Group.	Douglas Nilsson Leadership Group	3 hours		Ongoing annually if a first-cycle/second-cycle student, or every two years if doctoral student.
8. Reduced greenhouse gas emissions	Reduced electricity consumption from old refrigerators and freezers, thereby reducing greenhouse gas emissions.	Replace the oldest and most energy-intensive refrigerator and freezer units at ACES. A priority list and an agreement with Akademiska Hus are being prepared. Akademiska Hus will cover 50% of the budget, but each unit will decide how much of the priority list it wishes to replace, taking financial considerations into account.	Flor Pineiro	3 hours	Reduced electricity consumption. Reduced CO2e emissions from ACES energy use.	2027-12-31

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9. Environmental non-conformities	Increase the proportion of reported environmental non-conformities submitted through the formal incident and non-conformity reporting system (IA).	The Environmental Group will learn how to use the IA system. When a need arises, we will prioritise using the system rather than reporting the matter only verbally.	Douglas Nilsson Other members of the Environmental Group	3 hours	Proportion of reported environmental non-conformities submitted through IA.	2026-12-31

SU22 = "Stockholm University's Climate Roadmap for the period 2020–2040" (Ref. no. SU FV-4651-22)

SU20 = "Stockholm University's Policy for Travel and Meetings" (Ref. no. SU FV-0791-20)

NatFak25 = "Minutes from the Management Review of Environmental Work for the Faculty of Science" (Ref. no. SU FV-3050-25)