

Diarie nr: SU-485A-0029-25	Datum (fastställt/rev.): 2025-03-19	Sida 1 (4)
Dokumentnamn: Environmental Action Plan for the Department of Environmental Science 2025		
Utfärdat av: Douglas Nilsson and the environmental work group at ACES		
Fastställt av (institution/enhet): Department board 2025-03-19		

Area	Goal	Activity	Responsible	Resources	Indicator (if possible)	Deadline
1. Climate Emissions (in accordance with SU22 chapters 3–4)	After the pandemic (2022–2023), ACES's CO ₂ e emissions have plateaued. While emissions are slowly decreasing in many sectors, emissions in the "Transport and Travel" sector have increased from 67 to 283 tons and "Food and Accommodation" from 16 to 61 tons CO ₂ e. We are awaiting ACES-specific data for 2024, but Stockholm University's total travel-related CO ₂ e for 2024 has decreased by 6%. The goal is to stop the increase in these sectors and instead resume decreasing emissions towards climate neutrality by 2040 (~6% per year), see SU22 ch. 4.	Inform the leadership that our previously decreasing trend in CO ₂ e emissions after the pandemic was followed by a sharp increase related to travel. This increase offsets the reductions in other sectors, resulting in a net zero change in emissions during 2022–2023. The leadership group will inform all staff about the situation.	Environmental Group and leadership group	3 days	Total CO ₂ e emissions decrease. Stop increase in CO ₂ e emissions from travel.	2025-12-31
2. Consumption (in accordance with SU22 chapter 4)	Reduce purchases of new computers and monitors. (carried over from EAP2024)	Follow up on whether the policy for purchasing/refurbishing/recycling computers and monitors is being followed. Inform staff on how to recycle/refurbish computers and monitors. Discuss with Epitech whether refurbishment/upgrades can be done by ACES/Epitech (vs. cost). https://www.epitech.se/?page_id=28	Merle Plassman	3 days	Number of newly purchased computers/monitors vs. number of recycled/refurbished units.	2025-12-31

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3. Greener Labs	Sustainable labs. ACESo was certified as a sustainable lab by My Green Lab in 2024.	Encourage participation in the My Green Lab certification process across more units. We aim to encourage other units to do the same (the certificate is obtained by all lab workers completing a questionnaire which is then evaluated). https://www.mygreenlab.org	Merle Plassman	SEK 5,000 (per lab/unit) 30+30 min/person to complete the questionnaire	More sustainable labs, increased awareness, lower consumption of disposable materials and chemicals.	2025-12-31
4. Climate Emissions from Travel (in accordance with SU22 chapter 4)	Inform all employees on how to book train travel through the travel agency. Enable staff to independently book official trips by train, especially international travel. Long-term goal: shift travel from air to rail.	General information at department and unit meetings (Paul & Douglas, Environmental Group). Good examples shared by Michael McLachlan. Survey employees on train travel for work (to supplement lacking statistics for ACES). Offer a train booking workshop (real or mock bookings) if requested. The department will start paying for all train journeys over 700 km with a budget of SEK 200,000. Details to be formulated by the leadership group.	Douglas Nilsson, Paul Glantz, Environmental Group (unit meetings) Leadership Group	5 days + additional day(s) for workshop	Number of participants and number of international train journeys Reduced CO ₂ e emissions from travel	2025-12-31

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5. Internal Competence Development	Increased knowledge about environmental communication (moved from MHP2024)	Seminar with external speakers on environmental communication. Joint session within geo-environmental section. Refer to list of potential SU speakers in the environmental field, and seek suggestions from Researchers Desk. Include a short introduction to the environmental plan and environmental group in the existing lab safety course.	Karin Bergman, Carina Johansson (Geo), Martina Hättstrand (Natgeo) Flor Pineiro	3 days (seminar) 1 day (course intro)	Number of attendees	2025-12-31
6. Reduced Climate Emissions	SVALNA misses our share of CO₂e emissions associated with researchers participating in fieldwork on research vessels and aircraft. Goal is to increase awareness of those ACES climate emissions that are not currently covered by databases.	Investigate the possibility of obtaining information from the main operators of frequently used research ships/aircraft to calculate the proportion attributable to our researchers. Start with most used platforms, e.g. Baltic Sea Centre, SWERVE, Marine Infrastructure for RV Skagerak, Swedish Polar Secretariat/Swedish Maritime Administration for IB Oden, Alfred Wegener Institute for RV Polarstern, EU's IB ARICE, British Antarctic Survey for RSS Sir David Attenborough, German Aerospace Center (DLR) for various aircraft.	Douglas Nilsson	4 days	(Not specified)	2025-12-31 (Links to all relevant infrastructures are listed in the original document, MHP2025.)

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7. Reduced Climate Emissions (in accordance with SU22 chapter 4)	Influence how climate-related criteria are weighted in procurement processes.	Invite, for example, Sofia Jedholm from the procurement unit for information and discussion with the environmental group and the board. Link to Sofia Jedholm interview on sustainable procurement	Karin Bergman	1 day		2025-12-31

[SU22 = "Stockholm University's Climate Roadmap 2020–2040" (Ref. SU FV-4651-22)]