



SCIENCE AND
EDUCATION **FOR**
SUSTAINABLE
LIFE

Environmental certification at SLU and at SLU Aqua

'SLU contributes to ecologically, socially and financially sustainable development.

Environmental thinking and environmental aspects are integrated in all decision-making and are part of all activities within SLU's organisation.

The environmental work at SLU is a long-term process which builds on continual improvement and is based on the environmental regulations in force.'

Environmental certification

- continuous improvement!

Miljö

omgivningar där en organisation (3.1.4) verkar, som innefattar luft, vatten, mark, naturresurser, flora, fauna och människor och samverkan mellan dessa

ISO 14001, kap. 3.2.1

What do you need to know?

Who are chemicals coordinators?

Who are fire-protection inspectors?

The purpose of the environmental management and certification

The environmental handbook – where to find it and its content

SLU's och Aqua's environmental objectives

Procedures related to your work

Emergency routine

Environmental certification aims at:

- Reducing the negative impact on the environment and increasing the positive impact
- Well-informed and engaged coworkers
- Awareness and compliance with environmental legislation

What does this mean?

- Certified since 2016
- Audits take place annually
- Annual reports to Naturvårdsverket
- **SLU received ONE certificate 2021**



.....what does it mean?

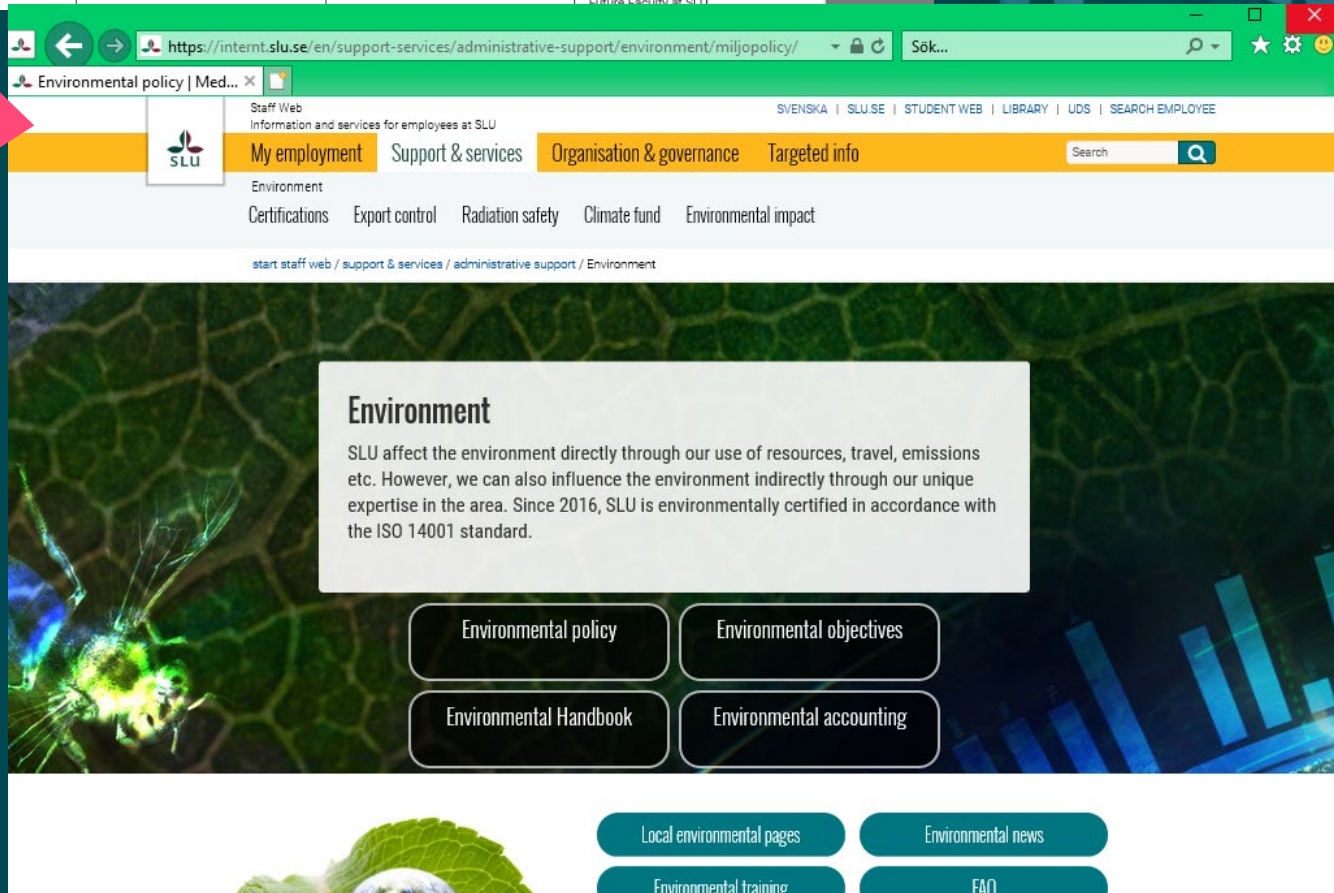
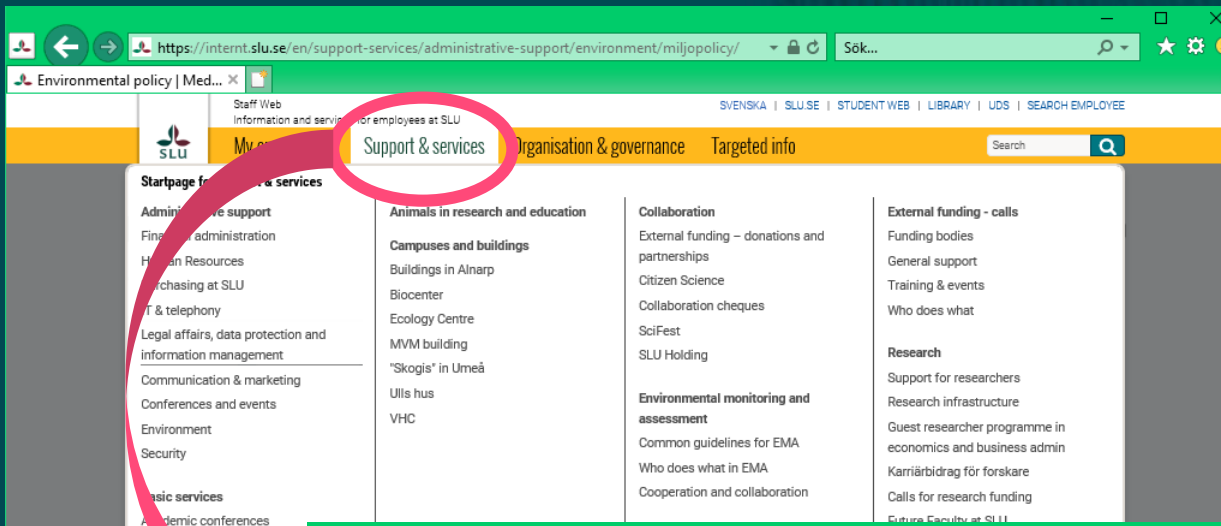
Environmental management:

Describes our work with environmental goals, activities, follow-ups => improved environmental performance.

ONE Environmental Handbook at SLU:

Contains all documents, like environmental policy, environmental goals, procedures, risk analysis, action plans. etc.

A committed and responsible **management** is essential.



SLU's Environmental Handbook

Environmental Handbook

LAST CHANGED: 01 FEBRUARY 2021

The Environmental Handbook contains documents about the environmental management work at SLU. Employees need to be familiar with the content of these documents.

All documents are available in Edda – the SharePoint-based document management system. Below, you will find a compilation of all common SLU documents and organisation-specific procedures and instructions, with links to Edda and SharePoint.

Organisational procedures	+
Description of operations, the environmental policy and list of environmental features	+
Non-conformities and improvement proposals	+
Audits	+
Records	+
Environmental management system "Plan Do Check Act"	+

Contact

Environment Unit:

miljo@slu.se

SLU's Vision:

Climate-neutral university by 2027

(energy use, business travel, procurement, education and environmental monitoring and assessment)

AGENDA 2030

When evaluating environmental aspects, Agenda 2030 and UN's 17 Global Sustainable Development Goals are taken into account

SLU's Climate fund

All employees can apply for funding projects that will have a positive effect on SLU's climate impact, by reducing CO₂ equivalents

SLU's environmental objectives

1. Energy use

2. Business travels

By 2025, SLU will have reduced its total fossil fuel emissions from air travel by 60%, compared to 2019 per full-time employee. This could be the equivalent of a 90% reduction in domestic flights and 50% reduction in international flights.

3. Procurement

4. Education

5. Environmental monitoring and assessment:

By the end of 2025, at least 90% of participants in SLU's quality enhancement activities are expected to openly publish their data, as outlined in the environmental data management quality guide.

6. Climate neutral

SLU Aqua

Medarbetarwebben
Information och service för medarbetare på SLU

ENGLISH | SLU.SE | STUDENTWEBB | BIBLIOTEK | UDS | SÖK PERSONAL

Min anställning Stöd & service Organisation & styrning Riktade sidor

Institutionen för akvatiska resurser

Kustlaboratoriet Havsfiskelaboratoriet Sötvattenslaboratoriet Fiskeriförsöksstationen Chef på SLU Aqua Styrande dokument

start mw / riktade sidor / läsa interna sidor / Institutionen för akvatiska resurser


Starka fiskbestånd i friska vatten

Interna sidor för SLU Aqua

Välkommen till institutionens sidor på Medarbetarwebben!
Här hittar du anteckningar från möten, riktlinjer och annat som är bra att veta.
Har du tips på material som borde finnas på denna sida? Skicka ett mejl till sofia.bureborn@slu.se

Personal Ekonomi Kommunikation & IT
Möten Prefektbeslut **Miljöcertifiering**

Vad tycker du kännetecknar Aqua?




107

Prefektbrev & interna nyheter

29 MARS 2021
Coronaviruset - information till medarbetare på SLU Aqua
Försiktighetsåtgärder på grund av coronaviruset (Sars-CoV-2) på SLU Aqua följer SLU's,...

09 FEBRUARI 2021
Information om miljöarbetet vid SLU och vid

SLU Aqua på Facebook



SLU Aqua - Institutionen för ...
2 009 gilla-markeringar

Gilla sida Läs mer

Aqua's environmental objectives (*expired*)

1. Reducing environmental impact from Energy consumption

Reduced by 31 % (2015-2020)

2. Reducing CO₂ emission from domestic travel

Reduced by 86 % (2016-2019)

The use of video meetings will increase 10% (2016-2020)

Aqua's increase 2016-2018 was 267 %

3. Reducing paper consumption

Reduced by 24 % (2016-2018)

...Aqua's environmental objectives (*ongoing*)

4. Environmental monitoring and assessment

Increase the number of publications by SLU Aqua's EMA work

ACHIEVED

5. Education at BSc/MSc's level

- SLU Aqua should examine at least 10 degree project students per year.
- SLU Aqua should have at least 15 registered students per course given by the department.

ACHIEVED

Not achieved

6. Doctoral education

- SLU Aqua should graduate an average of 3 students per year between the years 2019 to 2025.

2019: 2 / 2020: 3

7. Communication

- Yearly publish 55 news/month in media, 2019 och 2020

2019: 96 / 2020: 47

...Aqua's environmental objectives (*new 2020*)

Reducing CO₂ emission from international travel:

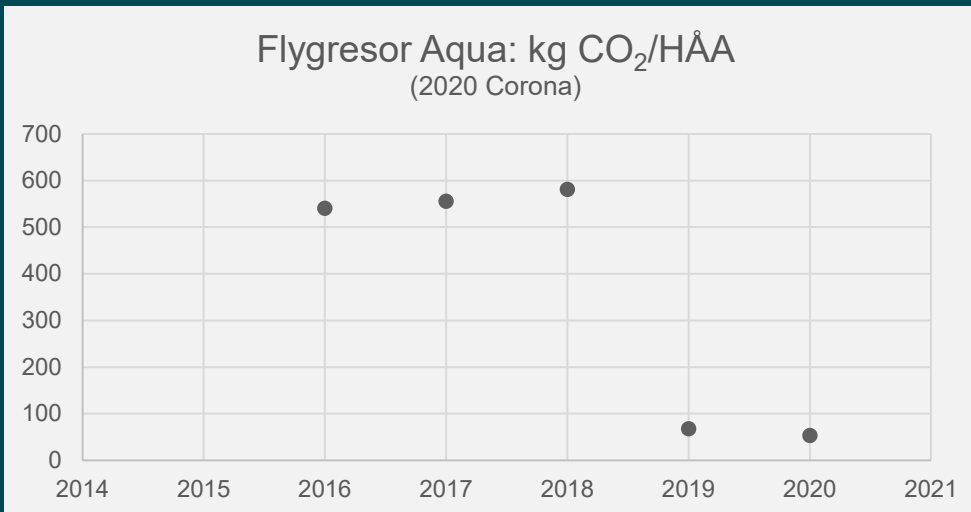
- CO₂ emissions from international flights shall decrease by 10 % from 2019 till 2023.

New goals, or actions plans related to SLU's environmental objectives, are needed in 2021.

Aqua's travels and CO₂-emissions

Flights

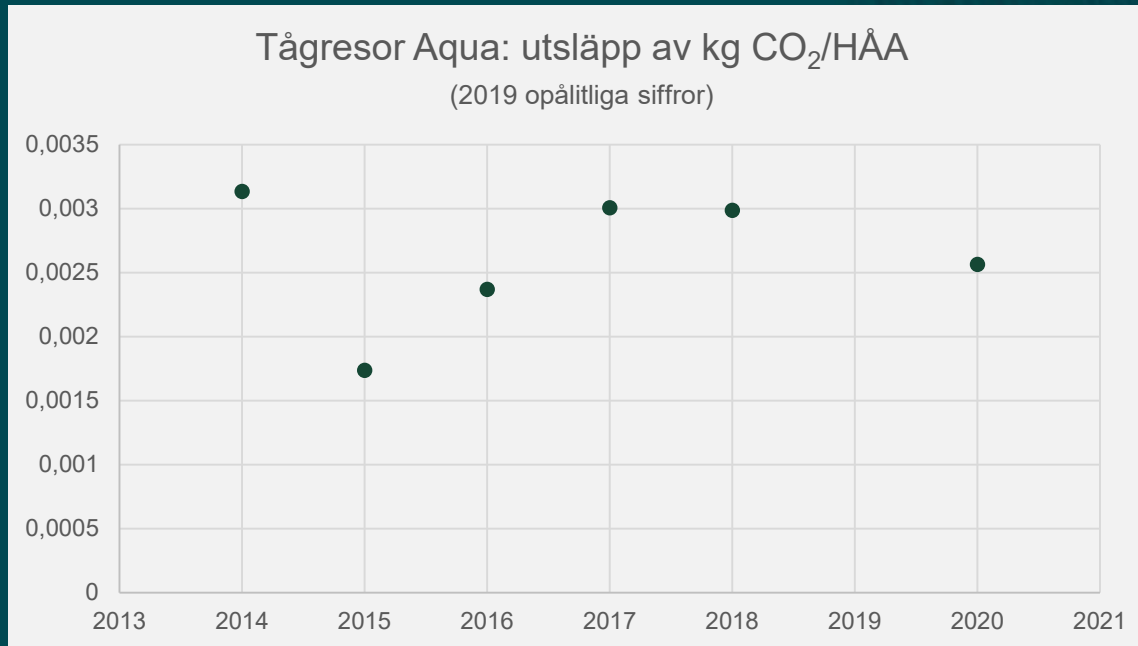
<u>2019</u>	<u>travels</u>	<u>km</u>	<u>kg CO₂</u>
Domestic:	45	14650	2855
International:	148	40410	9654
REDUCTION in total			
2016-2019:	73%	92%	85%



...Aqua's travels and CO₂ emissions

Travels by train

2018: 699 trips -- 240000 km -- 0,487 kg CO₂



Field work: we don't have good statistics on emissions from cars and boats

Non-conformities and leaving improvement proposals

If you have an idea of how our environmental work can be improved, or if you want to call attention to something that does not conform with our procedures



Use SLU's I/A-system:

<https://internt.slu.se/en/support-services/administrative-support/security/report-an-incident/>

Aqua's improvement proposals and non-conformities, 2016-2021

- 49** improvement proposals have been registered, 2016-2021
- 26** have resulted in some kind of change - new procedures, information about actions that can benefit the environment
- 5** proposals led to new guidelines or environmental goals
(Travels, meals)
- 5** non-conformities have been reported (4 concerning chemicals)

Improvements at Aqua

Documentation and procedures:

- Handling chemicals
- Waste management
- Crisis management procedures (emergencies/nödlägesberedskap)

...AND we have set up and achieved environmental goals

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How can you contribute?

- Report improvement proposals
- Reflect when you plan a business trip
- Travel smart
- Share the knowledge generated from your work



Aqua 2021

- Electric engines to small boats are purchased and will be tested in field work
- Alternative to painting boats (skrovskyddsduk)
- Wider range of sustainable and environmentally friendly work wear (SLU)
- Aqua's procedures and information about chemical handling and crisis management was complimented in the audit

....what will happen during the rest of 2021?

- **Information/education** to all co-workers
- 'Miljögruppen' requests more **improvement proposals!**
- More **communication and dialog** with coworkers
- Can we make **purchases** with higher and better demands for environmental friendly options?
- Can we reduce the environmental impact from **boats/boat engines?**
- SLU (Miljöenheten) will give a **seminar (May 28)** on 'SLU climate neutral 2027'

Discussing new environmental objectives, together with management and coworkers

- ❖ **New environmental goals for Aqua:**

 - Positive goals:**

 - How can we use results from our research/miljöanalys that benefit the environment in aquatic systems, and identify objectives that can be evaluated?

- ❖ **Action plans** related to SLU's environmental objectives

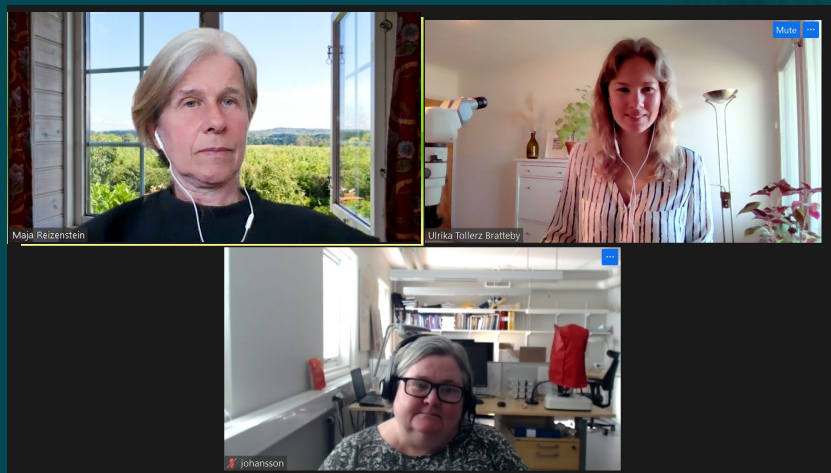


**Discussing new environmental
objectives, together with
management and coworkers**

Ideas, suggestions?

Please contact us!





Sö-lab: Maja Reizenstein (Environmental coordinator / Miljösamordnare, Aqua)

H-lab: Anne Johansson

K-lab: Ulrika Tollerz Bratteby and Karin Thompson-Svanfeldt

Useful links:

Miljöcertifiering vid SLU Aqua
(currently being updated/sida under omarbetning)

SLU Environmental certification

Environmental Handbook

Report Improvement proposals or Incidents

SLU's climate fund