NSBO- webinar – Sustainability in student housing

Circular economy

Jennifer Lamson – Sustainability manager at Student Welfare Organisation of Oslo (SiO)

November 10. 2026



Agenda

- **SiOs main Environmental goals**
  - Climate change- Green House Gas
  - Energy
  - **Circular economy**



- **Circular economy**
  - How can we reduce waste?- Can we turn waste into resources?
  - How can we involve students to work with circular economy?

Our 9 most important ESG-topics 2030

Environmental



Climate change

Reduce greenhouse gas emissions by 30 %



Energy

Average energy consumption of 122 kWh/m².



Circular Economy

Reduce waste volumes by 30% and increase the sorting rate by 30%

Social



Working Environment for Employees

Target a score of 62 on the employee index and a 6% reduction in sick leave.



Diversity and Inclusion

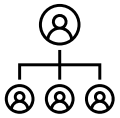
Psychological safety: 70 points
Sense of co-determination: 75 points
Sense of autonomy: 70 points
Support from immediate manager: 70 points



Student satification and Well-being

Student satisfaction (KTI) and/or one of the statements about SiO's contribution in the Student Survey.
Corporate Governance and Economy

Governance



Organizational Culture for Sustainability

Establish and develop shared performance management, as well as formal and informal forums for knowledge sharing and continuous improvement.



Value Chain Impacts

Sustainability (environmental and social criteria) shall account for at least 20% of the evaluation weighting, with performance verified through supplier scorecard assessments. The ambition is to increase the weighting to 30%.



Political and Economic Framework Conditions

100% green financing for amortising loans (EU Taxonomy)
Profit margin of at least 4%
Prioritize measures that strengthen students' financial well-being

Environmental Goals

Environmental



Climate change

Reduce greenhouse gas emissions by 30 %
2000 tCO2e



Energy

Average energy consumption of 122 kWh/m². Reducing 5GWh/year



Circular Economy

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Social

Working Environment for Employees

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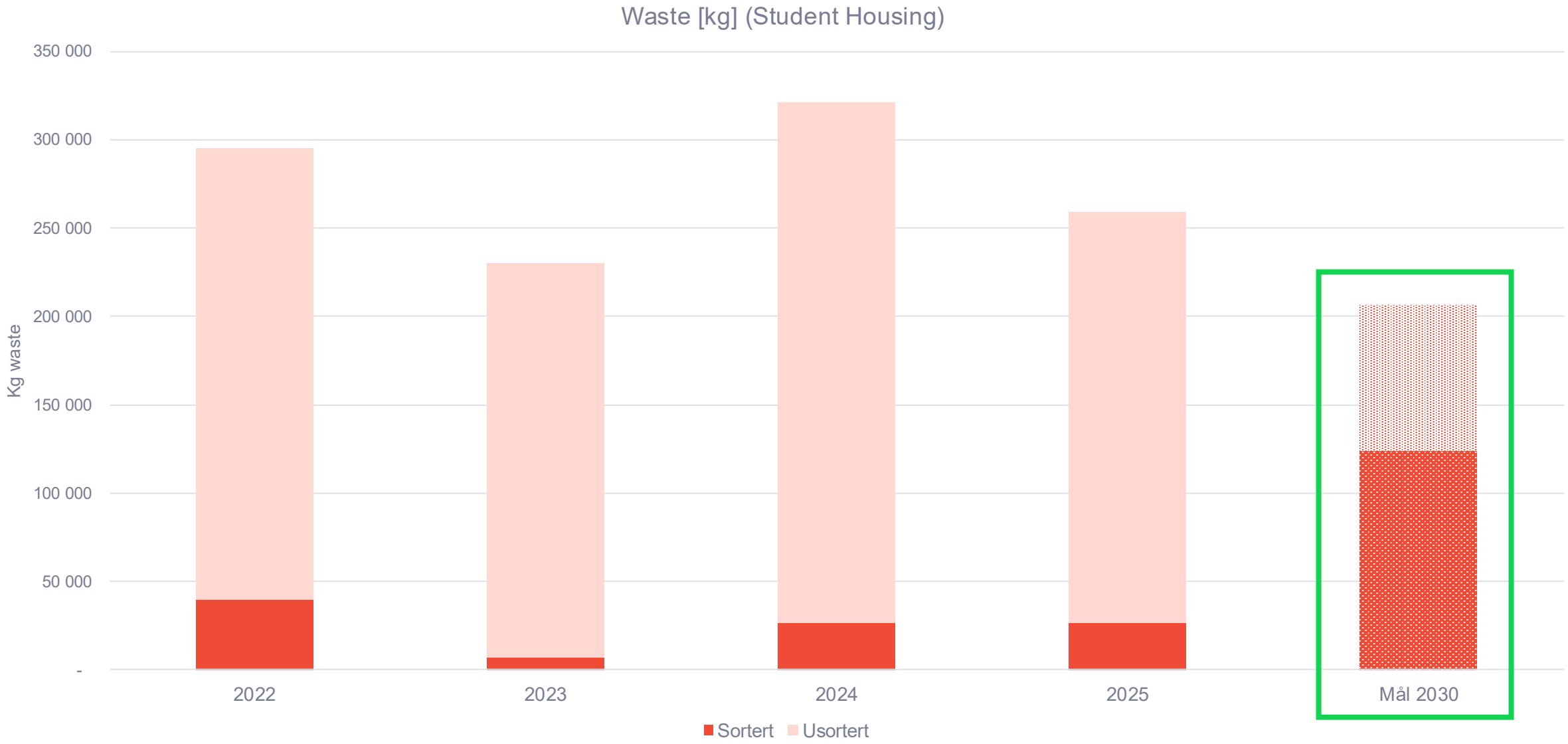
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Political and Economic Framework Conditions

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Prioritize measures that strengthen students' financial well-being

Circular economy

3. Reduce waste volumes by 30% (100 tonns) and increase the sorting rate by 30%



Circular economy- Reuse Festival

(Twice a year)



~700–800 students

Really long lines



An event at SiO where we also want to raise awareness and inspire students to make more sustainable choices.



Students also get involved and help out – here, they've set up a repair tent

How can we reduce waste?

- Large quantities of **mattresses, mattress toppers, mattress protectors**, duvets, pillows, beds, chairs, desks/tables and kitchen equipment are discarded.



Three Measures to Reduce Waste

1. Clean and refurbish mattresses and mattress toppers in collaboration with reMadrass
2. Expand our reuse storage facility to systematise and scale up reuse
3. Establish REstore in Oslo, students promoting circular solutions, inspired by Restore in Trondheim (sit)





1. Clean and refurbish mattresses and mattress toppers in collaboration with reMadrass



Hva gjør vi

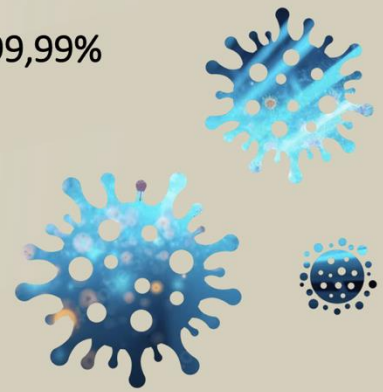
Veggedyr behandling

- 2 timer
- 60°C
- 30 madrasser per behandling



reMadrass hygiene standard

Virus- & bakteriereduksjon > **99,99%**



ISSA Clean Standard: Institutional and Commercial

Norske Vaskerier Kvalitetstilsyn

Madrass behandling

Rensing:
- UV-C belysning av hele madrassen
- Anti-bakteriell tåke







We collected more than 500 mattresses and reused over 50% of them- at one location.



Photo:SiO





Photo:reMadrass

In just four months and one location, we reduced waste by 7.2 tonnes.



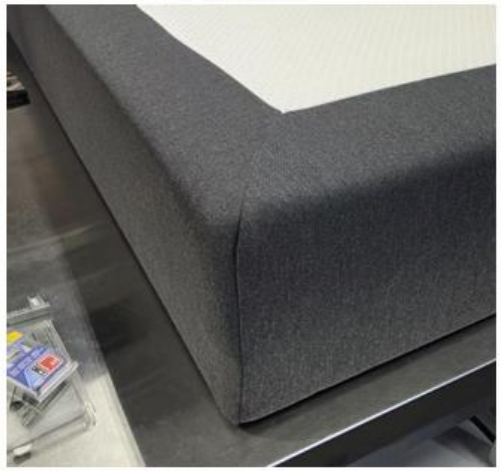
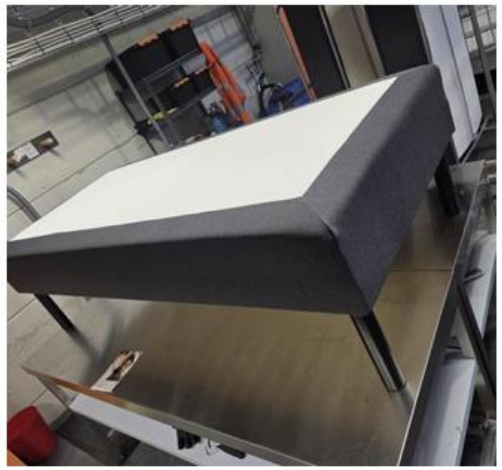
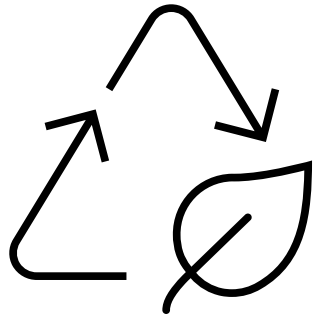





Photo:reMadrass



15 tonnes CO2e

35 beds were collected- and 25 beds got reused. 10 were broken and got recycled

Collaboration with reMadrass, COOR, ISS



Photo:SiO

2. Expand our reuse storage facility to systematise and scale up reuse



2. Establish a reuse storage to systematise and scale up reuse

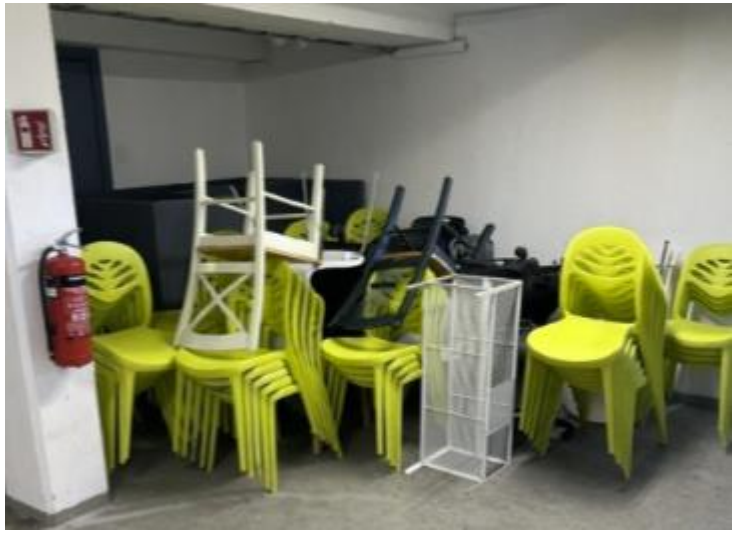
- **Brukthjørnet**- Our existing second-hand corner collects and redistributes many items, mostly small items.





2. Establish a reuse storage to systematise and scale up reuse

- Expanding with a new and larger reuse warehouse
- More space to collect, store and redistribute larger furniture
- Making reuse more accessible across SiO's student villages
- Bicycle repair area – preparing bikes for reuse, donation or rental
- Great potential for increased reuse and student involvement

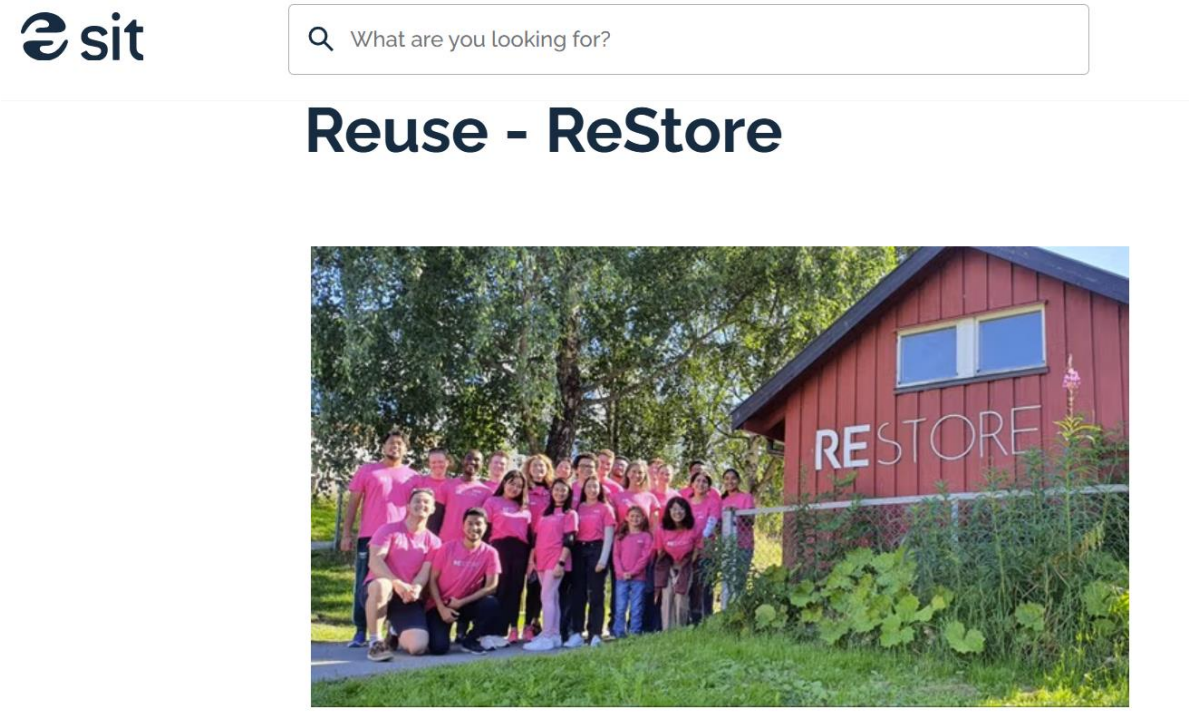






3. Establish REstore in Oslo, students promoting circular solutions, inspired by Restore in Trondheim (sit)

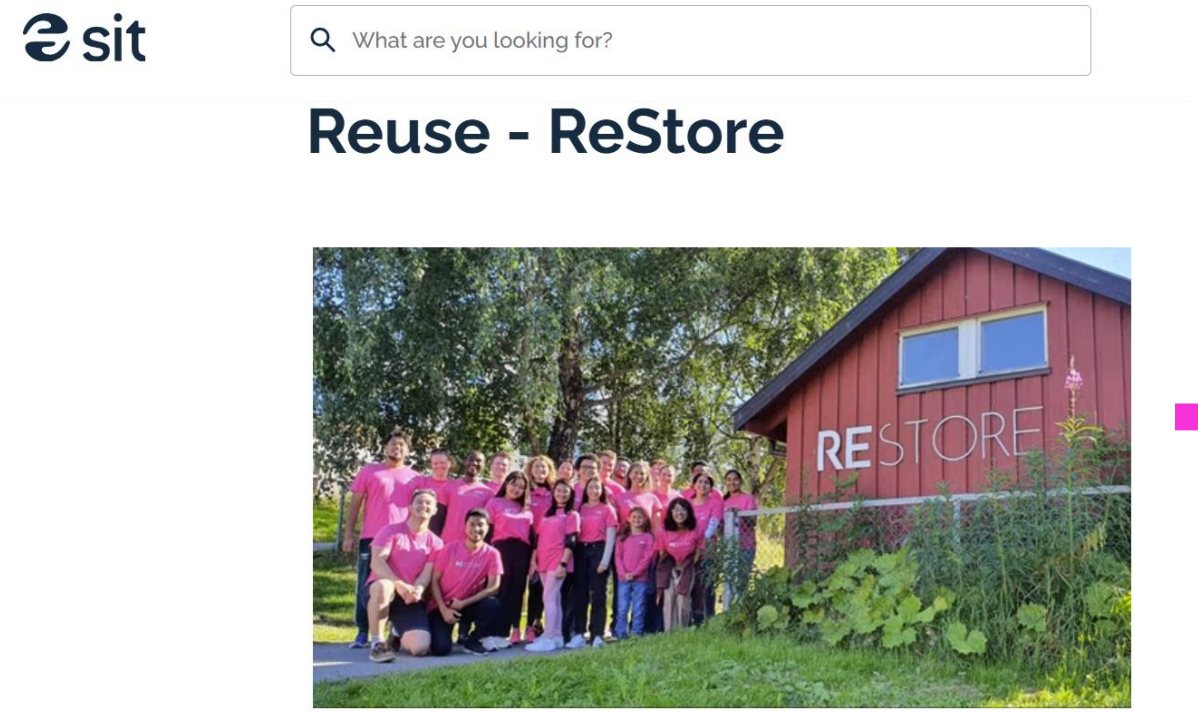
- Engage students and give them ownership of the initiative.



What is your motivation?

3. Establish REstore in Oslo, students promoting circular solutions, inspired by Restore in Trondheim (sit)

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What is your motivation?

ReStore- Brukthjørnet- Oslo



It's social

3. Establish REstore in Oslo, students promoting circular solutions, inspired by Restore in Trondheim (sit)



Photo:Celine and Snøfrid



Bring students together, give items a second life and create a sense of community through circular solutions.

It also helps with i»ldsjeler» in SiO- Here's Sissel from Student Housing, supporting students and bringing their ideas to life

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Thank you!

