



Urine & Sport Arenas

Reducing nitrogen loading while producing fertilizer



Developer of the
technology



Sanitation³⁶⁰

SLU spin-off scaling
the concept

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Related projects:



This project has received funding from the European Union's
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Co-funded by
the European Union



CIRCULAR ECONOMY
CiNURGI



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the European Union

Our Solution:

We convert waste (**urine**) into a valuable product (**fertiliser**).



Prototype installed at VA SYD's HQ

Customer Segments



Kissamaja® Urinal



Single-toilet system



Large-scale system



Kissamaja®

Unisex urinal

Truly the only unisex urinal on the market that works for all genders.

Launched April 2025

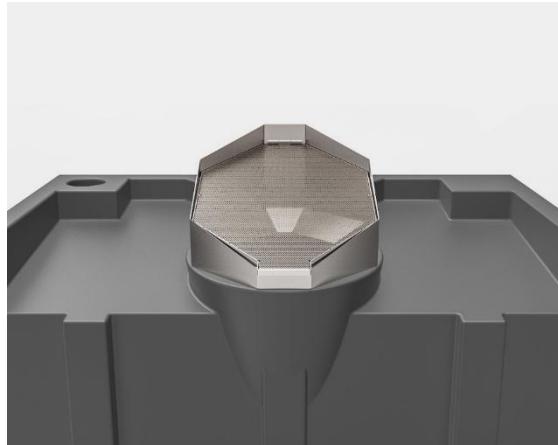
Over 40 000 toilet visits



1 yr based on rentals



Supports up to 1000 toilet visits per emptying



*Return on Investment is based on renting it out at least 15 times that year

Single-toilet System

Value proposition

Integrated bathroom solution that captures, stabilises and processes urine into liquid fertilizer

Retail price

29,500 kr

per unit

+99kr per month



80 kg
fertiliser
per year



4 yrs*



Supports up
to family
of 8



Sanitation³⁶⁰

*Return on Investment is 4 yrs when using an incineration toilet. Based on just the value of fertiliser, the ROI is 13 yrs. Avoided costs at WWTP are not included

Large-Scale System

Value proposition

Urine is collected and concentrated to a liquid on-site with final processing into pellets at central location

Retail price

Request a quote at jenna@sanitation360.se



2800 kg
fertiliser
per year



DBT*



Supports
>700 daily
urinations



Urine Recycling at Football Arenas

Studenternas Arena, Uppsala, Sweden



Installed Sept. 2025. Urine is collected from urinals and pumped to an on-site urine drier, with final processing at a central location



Stadium capacity:
11 000 people
(sports)



Urine collection from: >50 m
urinals + 5 Laufen Save! Toilets



Already tested at concert
hosting 17 000 people



Collecting enough urine to
fertilize 3 football fields/season
(1,5ha)



Urine Recycling at Football Arenas

Studenternas Arena, Uppsala, Sweden



Now: Finishing the installation

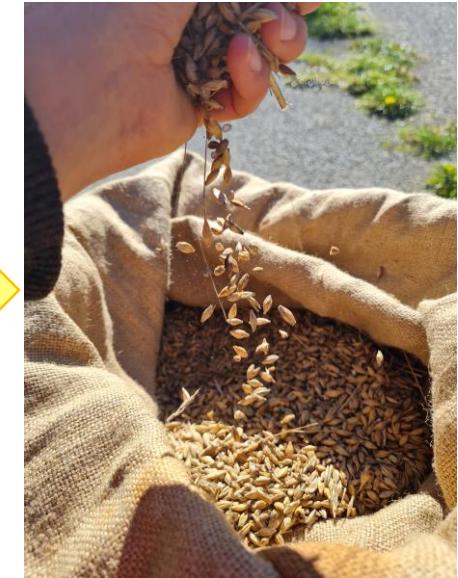
Football season starts again this month



The Fertiliser



Fertiliser Treatment	N-P-K Content (%)	Mass fertilizer applied (kg/ha)	Barley Harvest (kg/ha)
S360 Fertilizer	15-2-4	567	6 500
NPK fertilizer	24-4-5	370	6 500
Fresh urine	0,6-0,07-0,2	14 167	5 500
Control	0-0-0	0	4 500



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VISBY
S:T HANS 1995



Our Team



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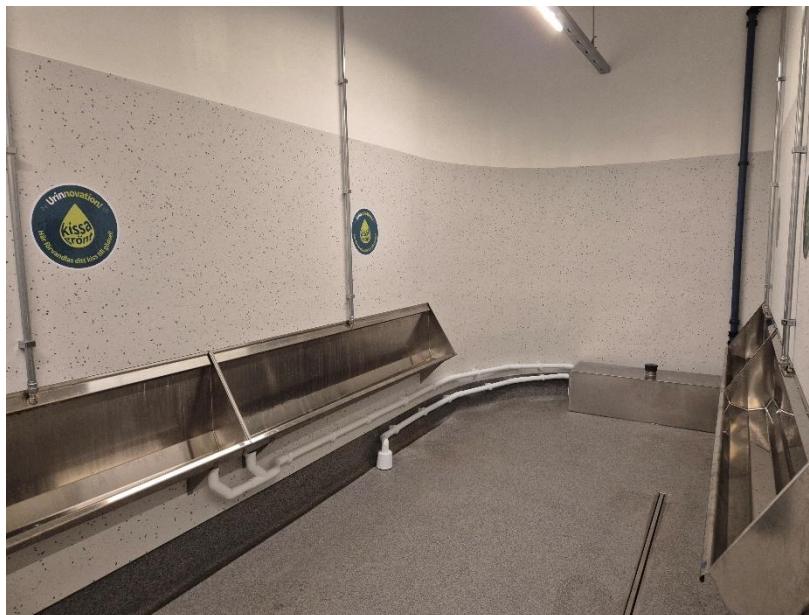
Next Steps

Finding the next Lighthouse installation

Large & permanent urine collection are key to showcasing how we can transition at scale.

Figuring out the Business Model

Who pays for this transition? Can we be compensated for the avoid nutrient load at the WWTP?



Thank you!



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Awards & Publications



nature

Funders & Incubators



BILL & MELINDA GATES foundation



Collaborators

EOOS NEXT

ecoloop

URIMAT
Swiss quality – since 1998.

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SLU

**TOUCH
DOWN**
GOTLAND