

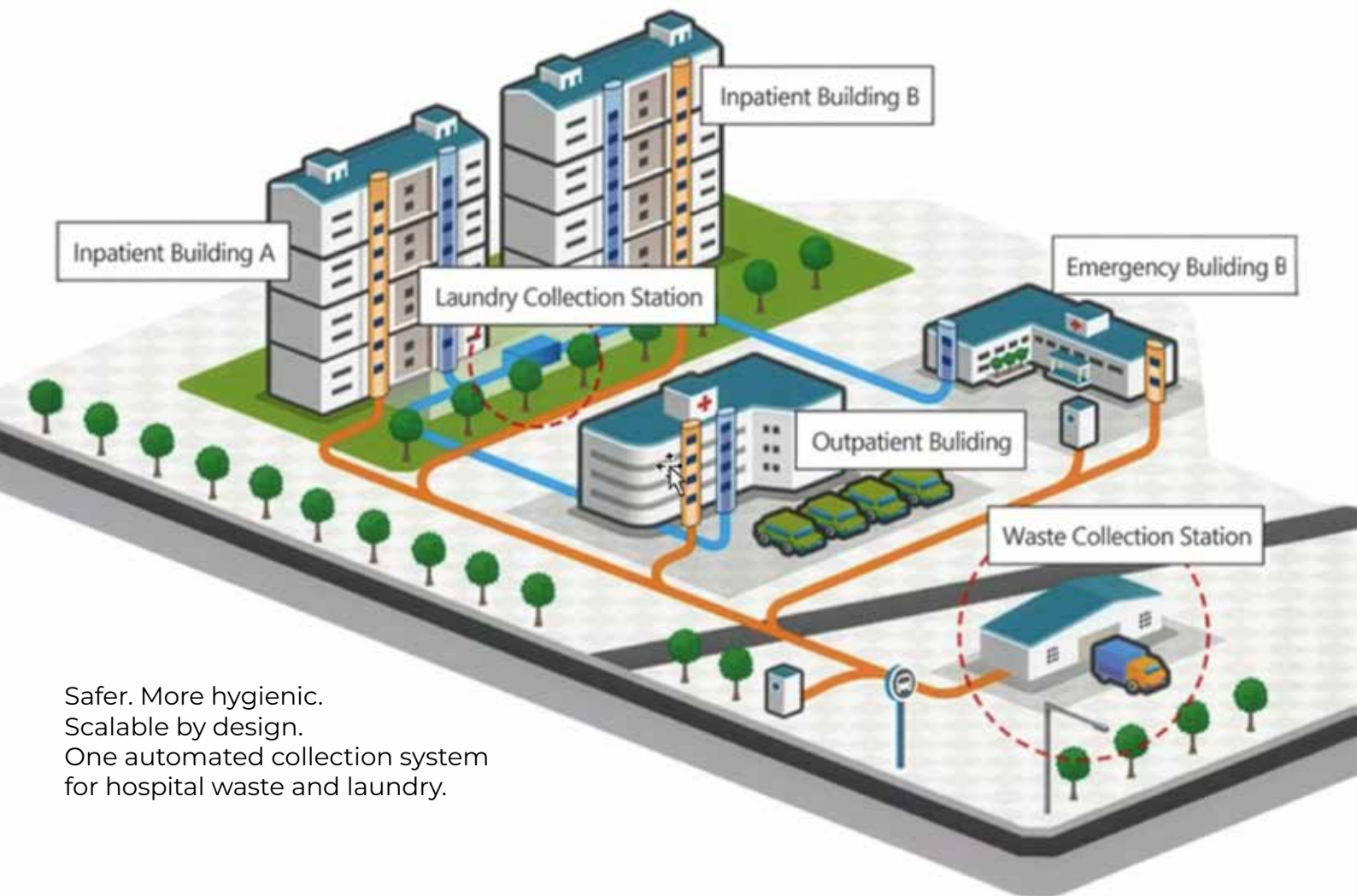


ECOSIR

DROP
& GO™

Mastering waste and laundry flows in hospitals and care centres

with the Ecosir
Drop & Go™ System



Safer. More hygienic.
Scalable by design.
One automated collection system
for hospital waste and laundry.

Ecosir Drop & Go™ Waste and Laundry Collection System designed for hospitals

Data collection and
remote monitoring
with Ecosir
Connected Services.

The proven Drop & Go™ technology is used
worldwide in large facilities where hygiene,
safety and efficient indoor logistics are vital.

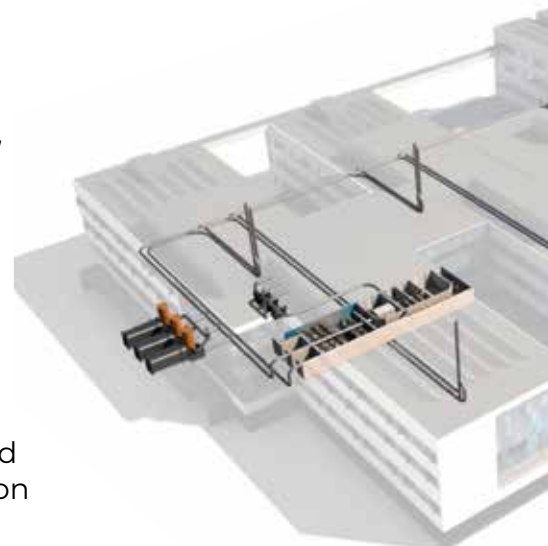


The Drop & Go™ system
can be implemented as

- a pneumatic vacuum system,
- a gravity chute system or
- a hybrid solution.

It supports separate
laundry, waste and biowaste
streams, with optional
sorting, odour control and
remote monitoring.

The result is a safe, scalable and
efficient indoor logistics solution
for hospitals and care centres.





Easy & ergonomic

Place the laundry or waste bag into the sealed inlet.

The system takes care of the rest.

Fast & automated

Automated transfer keeps materials moving and routes clear throughout the facility.

Less manual handling, more time for core work.

Optimal space usage

Centralised inlets reduce cross-transfer between people and materials.

Pipe- or chute-based systems free valuable building space. A robust, scalable system built for the building's lifecycle.

Safe & hygienic

The vacuum transfer system supports infection control, safe workflows, monitoring and optimisation.

Options to extend user safety in inlets and user interface (RFID).



Ecosir Drop & Go™ Biowaste Collection System designed for hospital kitchens

Drop & Go™ technology makes biowaste handling effortless, efficient and sustainable.



Several dozen vacuum biowaste systems are used worldwide in large professional kitchens in:

- university hospitals
- central hospitals
- care centres
- educational campuses.

When biowaste streams are handled right, people, buildings and business perform better.





Easy & ergonomic

Just drop it and the sealed vacuum pipe system takes care of the rest.

No need to collect, store, lift or move biowaste bins.

Fast & hygienic

Biowaste sorting at work stations in 5–10 seconds.

Saves time to main tasks. Ensures odour-free and hygiene work environment.

Optimal space usage

Inlets integrated to work stations. The machine room and container can be installed either indoors or outdoors.

Enables optimal indoor logistics and effective building performance.

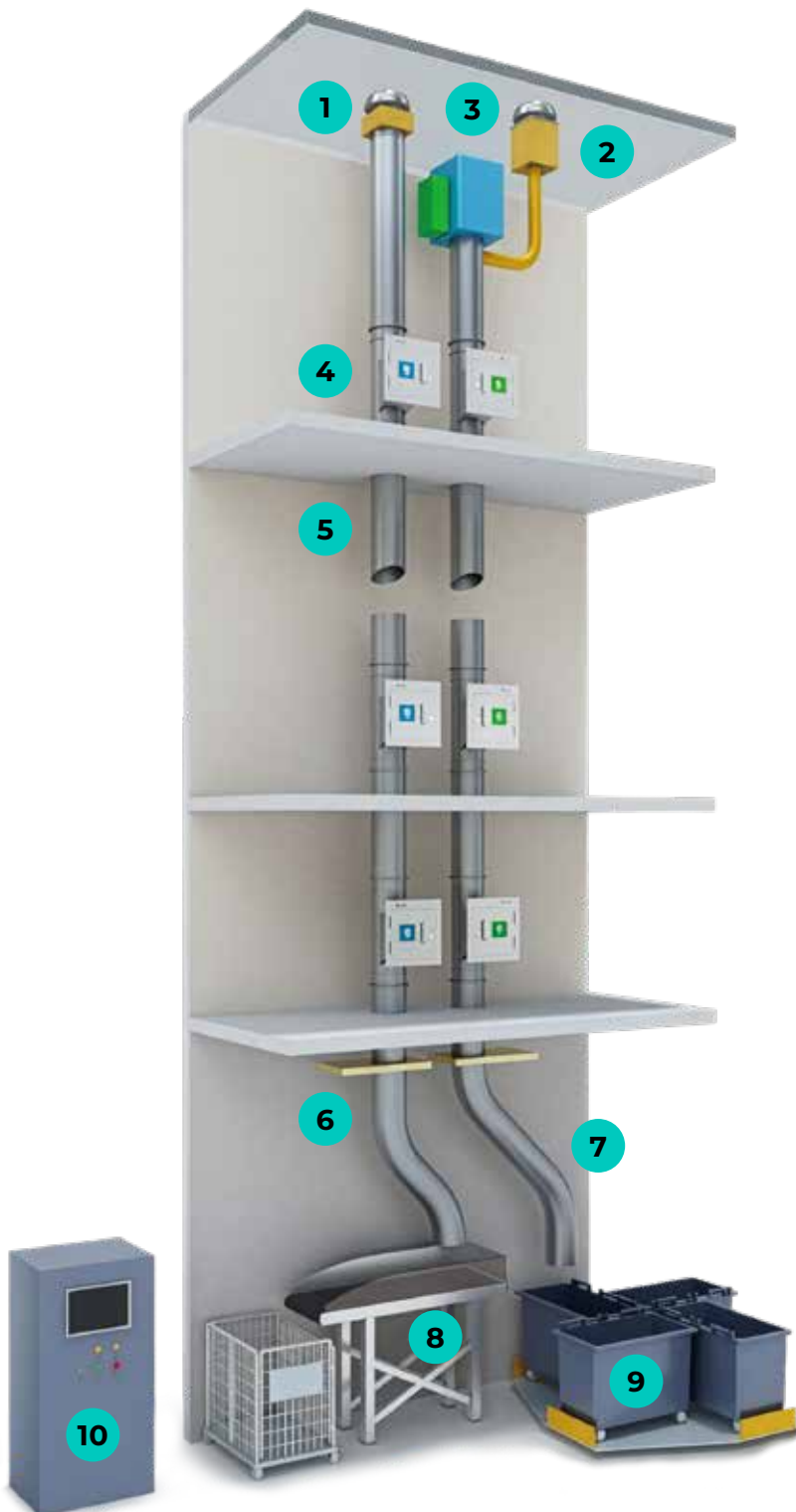
Safe & sustainable

A robust, scalable system built to last throughout the building's lifecycle.

Meets workplace safety and environmental requirements. Provides data to optimise workflow and improve operational efficiency.

Gravity chute solutions for waste and linen

The gravity chute system moves waste and laundry vertically through a dedicated shaft to a central collection area – simple, robust and cost-effective.



1. Separate streams in one solution: mixed, cardboard, plastic and paper waste to dedicated containers, laundry to carts/boxes – keeping sorting clear and routines consistent.
2. An optional carousel enables multiple fractions/containers for waste, while laundry is directed to its own collection units.
3. Optional shaft washing/disinfection supports hygienic operation and reduces manual maintenance needs.

Optional remote monitoring and data support operational follow-up and reporting.

One direct route to central collection

1. Ventilation
2. Gas filtration unit
3. Cleaning and disinfection system
4. Inlets
5. Vertical pipeline
6. Gate valve
7. Deceleration buffer pipeline
8. Horizontal linen conveyor
9. Waste collection unit
10. Control system

Also available with waste crushing system.

Compact automatic vacuum waste transfer solution for smaller waste bags and biowaste for care centres

A sealed, odour-free pipeline system transfers waste to the collection stations.



The waste is collected by dropping the waste bag in indoor vacuum powered inlet (IDI).

The waste bag transfer is safe and hygienic by vacuum through sealed pipe network up to the waste terminal.

The waste is transferred in sealed containers for material reuse in recycling plants and for electricity, heat, biofuels in energy plants.



Waste is divided into fractions while laundry is automatically collected in parallel.

140+
main pipeline transfer
system projects worldwide

Ecosir Drop & Go™ Collection System

A comprehensive turnkey solution:
piping, installation,
full system integration,
remote monitoring,
data analytics and
maintenance agreements.

All solutions are configurable
and engineered to match
site-specific requirements,
layouts and operational needs.

Waste

Laundry

**Bio-
waste**



**Support
& Helpdesk**



**Maintenance &
Inspections
Scheduled Service**



**Data & Reporting
Remote Monitoring
System Tracking**

ECOSIR
GROUP

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A reliable partner since 1987

- Proven Drop & Go™ technology
- In-house design and consultancy
- Solution-oriented sales and project management
- Worldwide delivery and installation
- Modernisation and maintenance services
- Data for reporting

Headquarters in Espoo, Finland
Partner network in Europe, Asia,
Middle East, Latin America