CIRCAI

Driving Circularity & Sustainability through Advanced Resource Management

Real-time Impact Monitoring

Weekly statistics provide immediate visualisation of environmental performance across the organisation. Track your transition to a circular economy with precision.

🌿 Carbon footprint reduction in kg
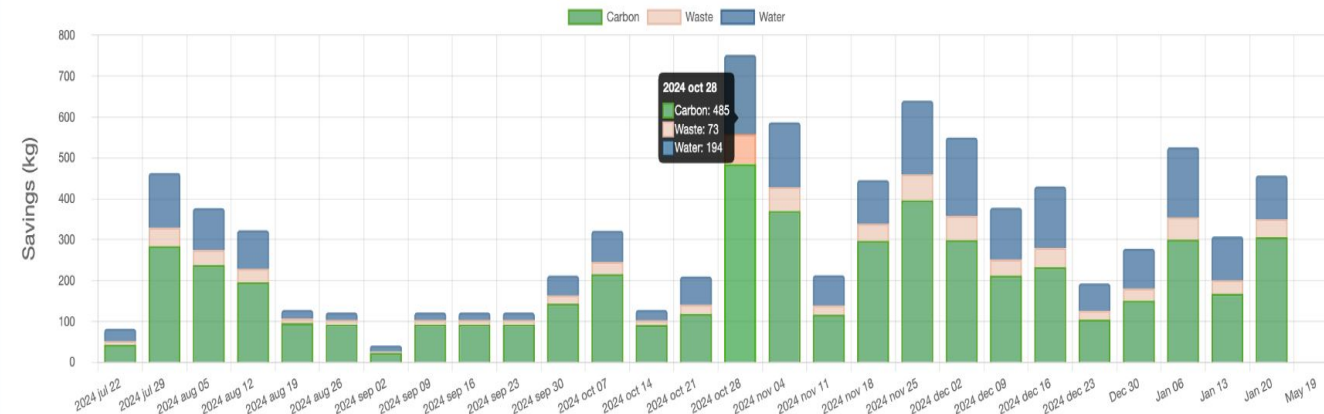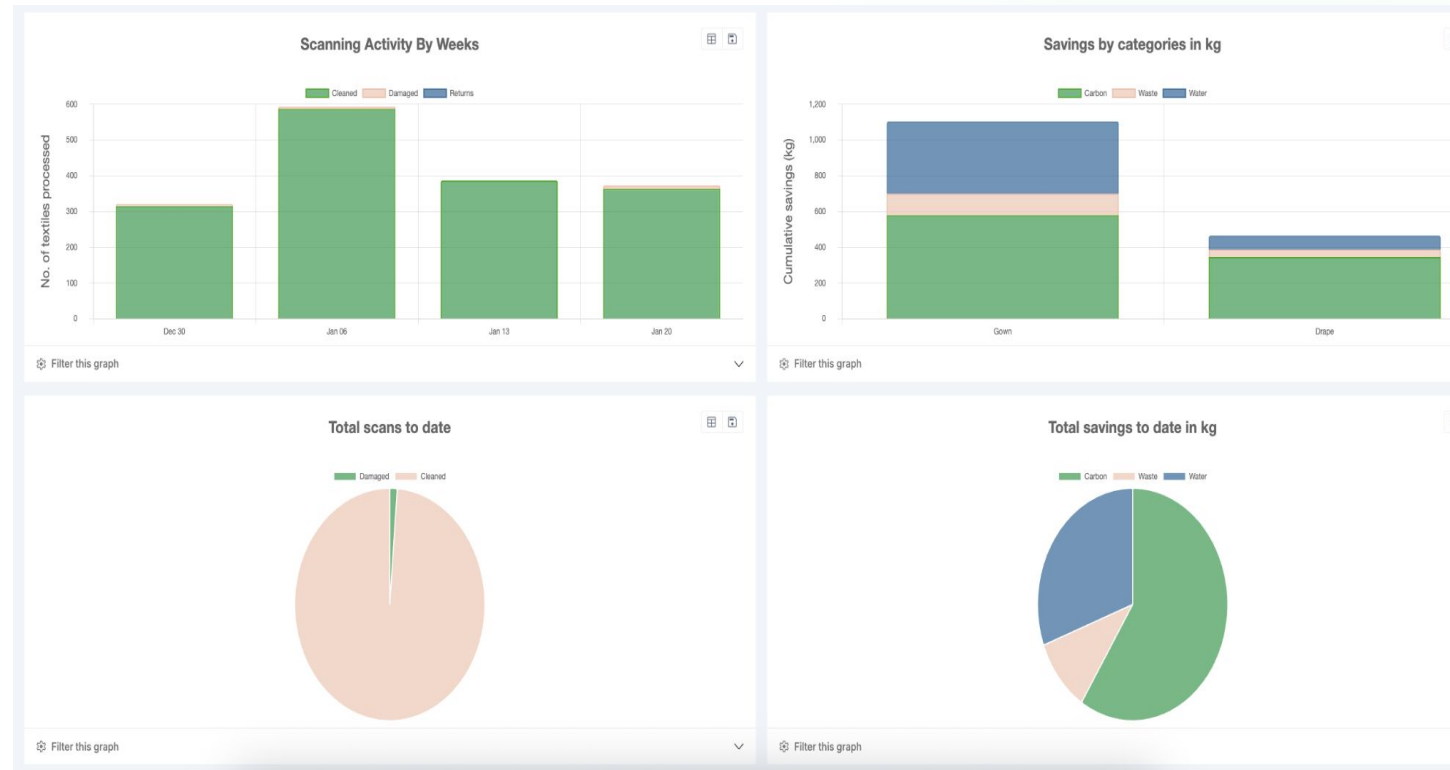
🗑️ Waste diversion metrics

💧 Water conservation tracking

Holistic Efficiency Analytics

Our analytics hub offers a multi-chart view of critical KPIs, allowing for granular efficiency analysis and data-driven decision making.

Monitor scanning activity, category savings, and total proportional impact in one centralised view.

Advanced Asset Control

Manage full item inventories with real-time status updates. Our system tracks items through every stage of their circular lifecycle.

Unique QR/Item code tracking

Quality Control (QC) validation

Multi-organization deployment

Product History & Visibility

30155C97D461A6C0006619CC (Standard Performance Surgical LS Gown XL - RFID) ⊗

⚠️ Wash cycles completed : 11 out of 75

22 Nov, 2023 ○ Nadine Leslie-Jones updated the item status to `Clean (QC)`
📍 Cornwall
Wash Cycle : 1

09 Nov, 2023 ○ Greg Mckeown updated the item status to `Clean (QC)`
📍 Cornwall
Wash Cycle : 1

24 Oct, 2023 ○ Greg Mckeown updated the item status to `Clean (QC)`
📍 Cornwall
Wash Cycle : 1

08 Sep, 2023 ○ Greg Mckeown updated the item status to `Clean (QC)`
📍 Cornwall
Wash Cycle : 1

Granular Transparency

Every item has a unique digital twin. Track wash cycles, repairs, and status changes over time to optimise item lifespan and ensure accountability.

Granular visibility at the individual item level transforms inventory from a cost centre into a strategic asset.

Appliance & Process Control

Machine Management

Monitor the washers, dryers, and specialised appliances driving your circularity process. Track machine utilisation and efficiency metrics in real-time.

Process Parameters

Control critical activities and parameters to ensure every cycle meets sustainability and quality standards. Automated tracking reduces manual errors.

Centralised System Control

Navigate complex workflows with a centralised administrative console. Access all modules—Staff, Inventory, and Appliances—through an intuitive interface.
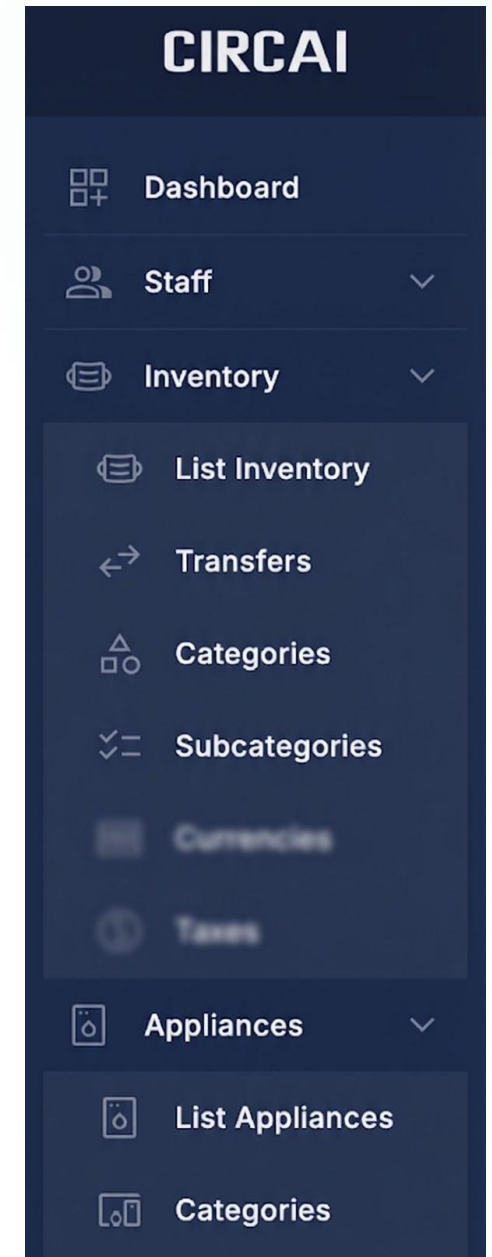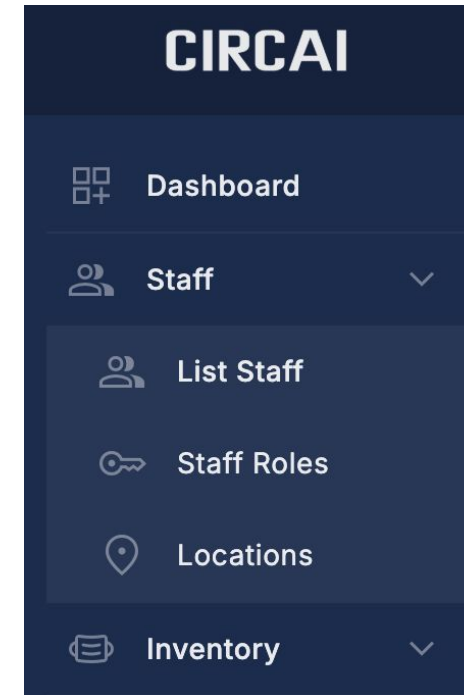
- Granular Staff Permissions
- Comprehensive Inventory Trees
- Integrated Reporting Engine

Strategic Value Creation

✓ **Full Traceability:** Every item is tracked from use to reuse.

✓ **Measurable Impact:** Quantifiable carbon and waste savings.

✓ **Operational Efficiency:** Automated appliance and inventory control.

✓ **Scalable Infrastructure:** Designed for multi-site organisations.