



## Sustainable Ways

## Forward

Introduction to Technology-led Cleaning.

**PAUL ASHTON** Chairman - CSSA

### ABOUT US

We connect like-minded people with the common goal of raising the bar of our industry for mutual gain.

#### **UPCOMING EVENTS**

SME Support & Networking Event (NCG) 27th February 2025

CSSA Innovation Showcase/ Firepit Sessions at the Cleaning Show 18-20th March 2025



38%

of the front-line teams through our members.

2024 GROW - COMPLY - CHANGE - INNOVATE





HELPING MEMBERS

# GROW, COMPLY, CHANGE & INNOVATE

Real Companies making Real Change

## AUTOMATION



One of the UK's largest airports has a fleet of Co-Bots and they are experiencing the following savings at just one terminal:

#### **WATER SAVING**

340,704 litres per annum

#### **ENERGY SAVING**

1,441.44 kW per annum

#### **LABOUR SAVING**

1,760 hrs per year on emptying and re-filling water





## DATA-DRIVEN CLEANING

Tork Vision Cleaning uses real-time data to help you better support facility hygiene and make every moment count towards meeting higher cleaning expectations.

reduction in dispenser checks-saving hundreds of hours per year

Dispensers are stocked

99% of the time



20% time saved







## DIGITAL STEPS - 1,2,3





1

#### **DIGITISED SPECIFICATIONS & SLA'S**

- + Transparent, accessible framework for managing cleaning tasks
- + Visibility in task completion & scheduling to track service against expectations
- + Measurable cost savings, as it helps align service delivery with actual requirements

2

#### **DEMAND-DRIVEN CLEANING AS AN INTERMEDIATE STEP**

- + Adjust schedules based on real-time needs rather than fixed routines.
- + Higher occupancy areas/usage can be prioritised based on data rather than pre-set intervals
- + Flexible and efficient to allocate resources dynamically in response to building use

3

#### SENSOR-BASED SMART TECHNOLOGY AS THE FINAL LAYER

- + Real-time occupancy and usage data via sensor-driven systems
- + Collect actionable data at a manageable scale leveraging Al
- + Build comfort with the technology while maximising its potential over time

## SUSTAINABLE TECH





Purgo are using technology to reduce their impact on the planet which improving productivity.



68 Co-Botics



>50,000
cleaning
hours per
annum



£1m Saving in labour costs



Saves 350k
litres of water
per annum

## TECH IMPACT











Your growing forest planted

Sustainable purchasing We categorise our products against a transparent grading system to full peace of mind that you are



Your sustainable choices are We offset your carbon when you

#### Welcome to your ESG supply chain report

Thank you for making the sustainable choice to partner with us. As part of our ommitment to you and the earth we report each month on how your choices are having a sustainable impact so you can monitor, evaluate, and improve those

Click on the 'View my report' to go to your dashboard where you will be able to download your full report either for your entire business, home or by delivery ocation, site or client so you can share that sustainable information with the

#### Your full report includes plenty of more detailed information including:-

- Details on Living wage companies in your supply chain.
  Single use plastic savings.
- Your carbon offset projects you are supporting. · Where the goods are manufactured.
- · Performance rates by product sections.

Download today and continue your sustainable journey and together we can

Partnered with Ethical Nation in 2020 TO DEVELOP A CARBON REUCTION PLAN

Our Current impact is: **CO2E PER CLEANING HOUR** 



**ACCREDITED** 

**SCOPE 3 EMISSIONS** 

Recorded digitally

25% revenue growth with a

**REDUCTION IN EMISSIONS** 

**SCOPE 1** SCOPE 2

**CARBON NEUTRAL** 

3% 86% Of our workforce have completed

**ENVIROMENTAL TRAINING** 

On track for

**#NETZERO2030** 

Biodegradable & soluable chemical range.

92% **REDUCING WASTE BY:** 

AND CO2E BY: 95%

2024



## INNOVATION SHOWCASE

CHSA **Cleaning and Hygiene Suppliers Association** 



**CLEANING & SUPPORT SERVICES ASSOCIATION** 

**AUTONOMOUS CLEANING** 

**KNOWLEDGE ENHANCEMENT** 

Proud Partners of:

Metsä Tissue 2025 Sustainability **Awards** 

**DATA LED CLEANING & HYGIENE** 

**EMPLOYEE VALUE** 

**Recognition and Wellness** 

**CLEANING & HYGIENE IMPACT (ESG)** 

**EXTERNAL CLEANING SOLUTIONS** 







## WORKSHOPS

Interactive, engaging sessions designed to empower through knowledge sharing



Proud Partners of:

2025 Sustainability Awards



GROW - COMPLY - CHANGE - INNOVATE

