

CASE STUDY

DOC
CLEANING



NANDO at DOC Cleaning

After implementing the NANDO.App, NANDO.Sensor, and NANDO.Eye, we've noticed a significant positive shift in employee attitudes toward environmental responsibility. Due to these systems fostering a culture of accountability, we have seen employees take greater ownership of their roles, overall improving operational efficiency.

The App and Sensor now enable us to track both the quantity and quality of waste in our bins. Other information has included fill levels, peak periods of disposal, and daily recycling rates. This real-time data, along with Re-Learn's detailed monthly reports, enables us to make informed, data-driven decisions to boost efficiency.

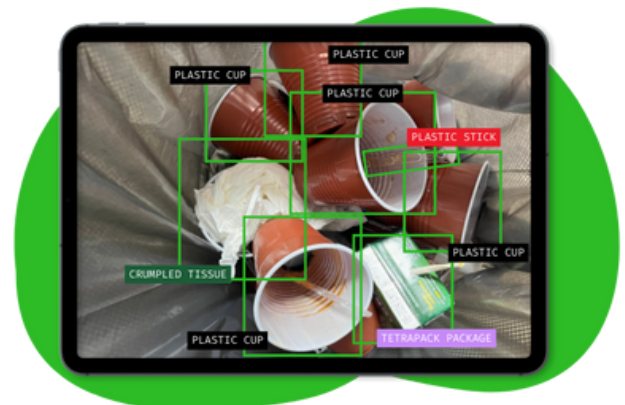
The NANDO.Eye is an innovative waste recognition system designed to instantly identify any item placed in a bin. This advanced technology not only detects waste in real-time but also provides guidance on selecting the appropriate bin, ensuring efficient and environmentally responsible waste management.

The NANDO.Eye works by using AI, scanning an object and identifying to the user the correct placement to dispose correctly. The NANDO.Eye also works together with the other Nando products by scanning the contents of the bin to analysing and tracking what items are being disposed of and identifying the common mistakes being made.

Overview

In June 2024, we integrated ReLearn's NANDO systems across the waste areas in our Head Office. A training and information session was carried out with the office staff, and since implementation, we have successfully increased our recycling rate to above 70%, reduced contamination by 15% and reduced our monthly emissions by an average of 14kg (CO2e) through waste diversion. This has enhanced our internal sustainability practices and optimised our waste management operations.

By utilising the NANDO.App, NANDO.Sensor, and NANDO.Eye, we are aligning with our Net Zero goals and advancing our Beyond Cleaning Strategy. These technologies are playing a pivotal role in driving our sustainability initiatives forward.



Results

By month one, June 2024, we identified that our head office had a recycling rate of 65%, which is a typical figure for a standard office setting. This did in fact increase by 7% from the beginning to the end on the first month as employees became more engaged with waste management and use of the Nando systems. This was evident from over 1,200 interactions with the NANDO.Eye as well as a 90% satisfaction rate with the information it had provided. The Nando system also highlighted common errors with items such as paper towels, and snack wrappers contaminating the bins by 15% on average.

The following two months saw the monthly recycling rate increase by 5%, ensuring our office was now correctly disposing of 70% of waste. Furthermore, issues with the common errors were down by a 15% average monthly decrease in paper towels going into the wrong bin and an 8% decrease in snack wrapper contamination.

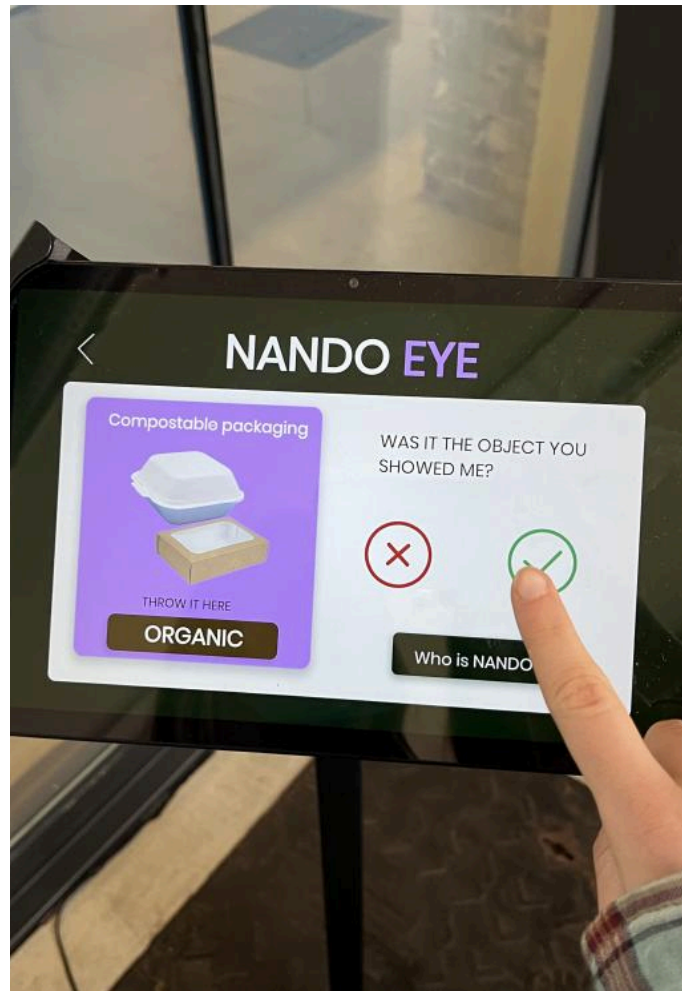
We have also been able to highlight that the filling levels for the bins used for mixed recycling were less than 50% when emptied of an evening. We have, therefore been able to make changes to the waste operations, which means these only get emptied twice weekly. Over time this will lead to saving on plastic bag usage and offer reduced emissions.

Incorporate NANDO Into Your Company

With the assistance of DOC Cleaning, the NANDO.App and NANDO.Eye are now available for our clients to use in their buildings. With these systems your company will be able to track the monthly waste report through the online reports by ReLearn.

Benefits of using NANDO:

- Guaranteed cost saving on waste disposal operations
- An average increase of 60% in recycling rates over a 12 month period
- Increase landfill diversion
- Provide a science-based CSRD and ESG reporting
- Increased community engagement
- Improve sustainability goals and efforts



Our Business

Founded in 1972, DOC Cleaning Limited provides cleaning and associated support services to over 500 locations throughout the UK. An independent, family-run organisation, we pride ourselves on being honest, friendly and approachable, whilst adopting a professional and innovative attitude to all of our activities.

If you would like to discuss Innovative Cleaning or any other DOC services, please get in touch via the email or telephone number below.

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