



**Reliable People,
Innovative Know-how**



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TERSANO VALIDATION



OVERVIEW

4 WEEK TRIAL



NOONAN- UCC CORK



COMMENCED 20TH
MAY 2021



END OF TRIAL 17TH
JUNE 2021



REMOVAL OF ALL
CLEANING
CHEMICALS:COMPLETE
D



IMPLIMENTATION OF
TERSANO
SYSTEM:COMPLETED



UCC

Coláiste na hOllscoile Corcaigh, Éire
University College Cork, Ireland

SUSTAINABILITY

RIPPLING ENVIRONMENTAL BENEFITS

- CHEMICAL-FREE, NO CHEMICAL WASTE
- ELIMINATES SINGLE-USE PLASTICS
- REDUCES CARDBOARD USE
- CURTAILS TRANSPORT EMISSIONS
- SAVES SEA LIFE
- HELPS PREVENT DEFORESTATION



SAFE



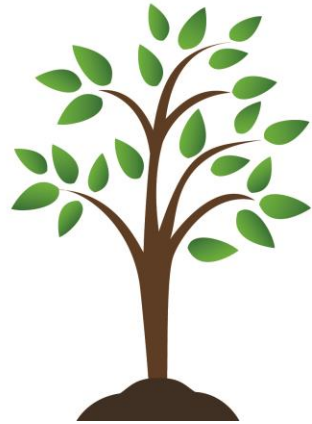
Safe for you,
your
employees
& customers



Improves
Health &
Safety at
work



Does not
leave fumes
or residue



Non-toxic
& free from
carcinogens



De-risks
day-to-day
cleaning
operations





Chemicals removed from site- for duration of trial

- SAN 4 IN 1-
 - Toxic & corrosive
- TASKI SPRINT 200-
 - Harmful to the environment
- SPRINT SPITFIRE SPRAY-

Harmful by inhalation, in contact with skin and if swallowed. Harmful if swallowed. Causes burns. Irritating to eyes, respiratory system and skin. Irritating to eyes and skin. Risk of serious damage to eyes.
- SPRINT CREAM CLEANER
 - Very toxic to aquatic organisms.

FEEDBACK

Which system do you prefer?

- “Tersano is much better than the 4 in 1 product”
- “this is much better than the old system”

Ease of use:

“we only have to use one bottle for many surfaces and there is no smell”

Tersano compared to previous system?

“does not itch the skin or have a strong smell-plus we use less chemical”

How effective is Tersano Cleaning?

“very effective- especially on mirrors and glass/panels,removes dirt easily!”

FEEDBACK

- GLASS AVERAGE: 4.6 out of 5
- PANELS AVERAGE: 5 out of 5
- STEEL AVERAGE: 4.8 out of 5
- MIRRORS AVERAGE: 4.8 out of 5
- KITCHEN AVERAGE: 4.1 out of 5
- BATHROOM AVERAGE: 3.9 out of 5

Feedback Gathered by : **Katarzyna Sroka**



4.5 / 5

AVERAGE SCORE

RESULTS

**EASE OF
USE
AVERAGE
: 4.8**

**Feedback provided
by: Katarzyna
Sroka**

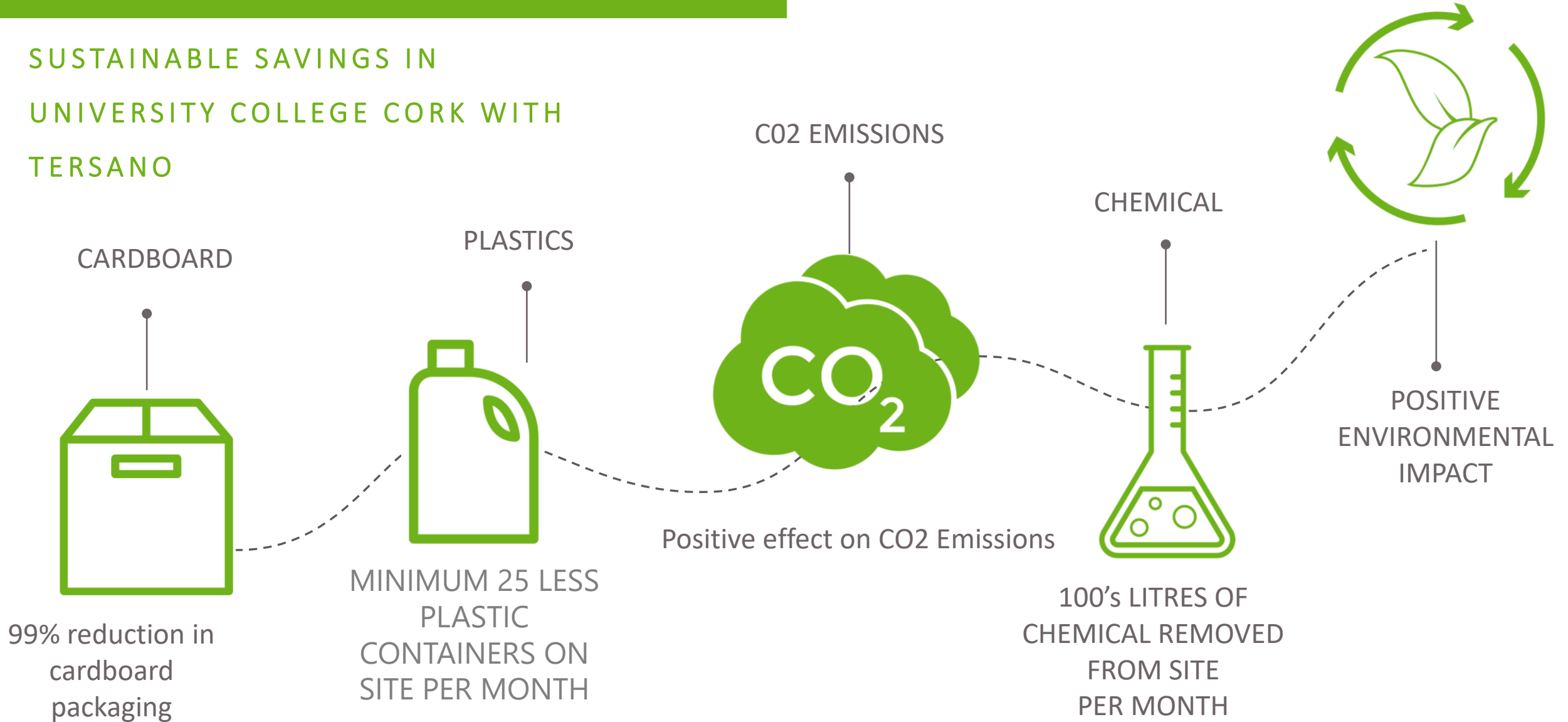
**SAFETY
AVERAGE: 5**

**CLEANING
AVERAGE:
4.25**



REAL RESULTS

SUSTAINABLE SAVINGS IN UNIVERSITY COLLEGE CORK WITH TERSANO



TERSANO -SUSTAINABLE SAVINGS

1 YEARS SAVINGS, BASED ON FIGURES FROM UCC



264

CARDBOARD BOXES



792

PLASTIC CONTAINERS



24,402

LITRES OF CHEMICAL



368 kg of CO2
EMMISSIONS



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USAGE OF TERSANO

- DAILY AVERAGE USE: 10 LITRE
- WEEKLY AVERAGE USE :70 LITRES
- MONTHLY AVERAGE USE :280/300 LITRES

- APPROX CARTRIDGE CHANGE: 9/10 MONTHS

- ONE DELIVERY PER YEAR OF TERSANO



REAL RESULTS

ATP TESTING QUICKLY ASSESS THE CLEANLINESS OF A SURFACE

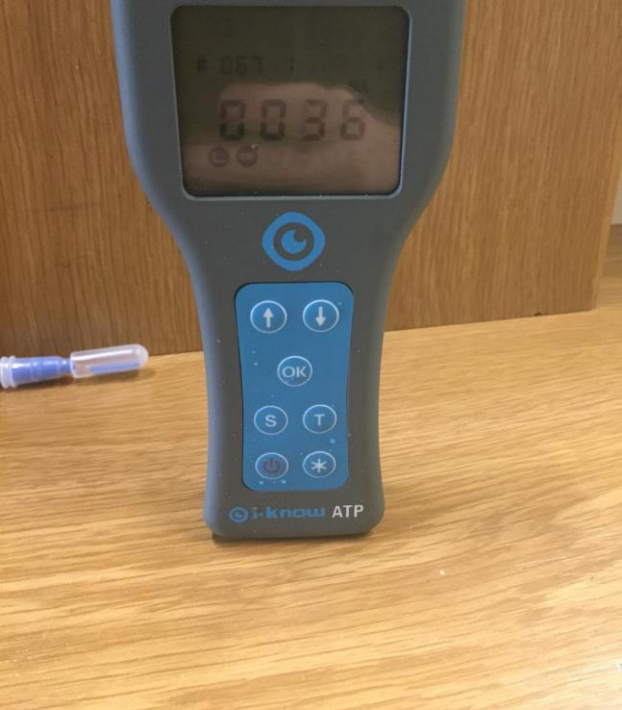
- ATP TEST SHOWS EFFECTIVENESS OF TERSANO IN ALL AREAS.

LOCATION	BEFORE	AFTER	PERCENTAGE DROP
LAPTOP STATION Q1	34	14	41% DROP
LIBRARY ACCESS DOOR	122	48	40% DROP
LIBRARY DESK	36	4	89% DROP
READING ROOM	67	30	60% DROP
FLUSH BUTTON IN TIOLET	43	12	70% DROP
TIOLET	350	44	89% DROP
TIOLET SEAT	49	18	65% DROP



Adenosine Triphosphate (ATP) is present in all organic material and is the universal unit of energy used in all living cells.

Hygiene Suggested* ATP Levels of Clean	
<p style="text-align: center;">Ultra-Clean</p> <p>Sterile surfaces and food prep areas</p>	0-10
<p style="text-align: center;">Very Clean</p> <p>Critical touch points</p>	11-30
<p style="text-align: center;">Good Clean</p> <p>Floor req'mt. and typical microfiber towel performance</p>	31-80
<p style="text-align: center;">Somewhat Dirty</p> <p>Caution: Surface should be cleaned and has some risk of contamination from disease-causing bacteria (typical mopping practices perform in this range)</p>	81-200
<p style="text-align: center;">Dirty</p> <p>Warning: Surface needs cleaning and has medium risk of contamination from disease-causing bacteria</p>	201-500
<p style="text-align: center;">Very Dirty</p> <p>Danger: Surface needs cleaning and has medium to high risk of contamination from disease-causing bacteria</p>	501-1000
<p style="text-align: center;">Filthy</p> <p>Danger: Surface needs cleaning and has high risk of contamination from disease-causing bacteria</p>	> 1000



ATP TESTING PICTURES

- Adenosine 5'-triphosphate, or **ATP**, is the principal molecule for storing and transferring energy in cells. It is often referred to as the energy currency of the cell and can be compared to storing money in a bank.

Clenli Direct Final assessment

- We have successfully finished our trail period.
- In that time we have seen new Chemical free sustainable solution replace traditional cleaners. Tersano has replaced these products for the better.
- We have less emissions/ deliveries/ packaging on site/chemicals on site
- Tersano also enables you to be fully chemical free and give staff and pupils a safer environment to work and learn





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Thank You

