

O & 3

Our Sustainability Mission
Zero Waste



Zero Waste: More Than Just a Trend

More than ever, people are seeking products that resonate with their values and make a positive impact on the world.

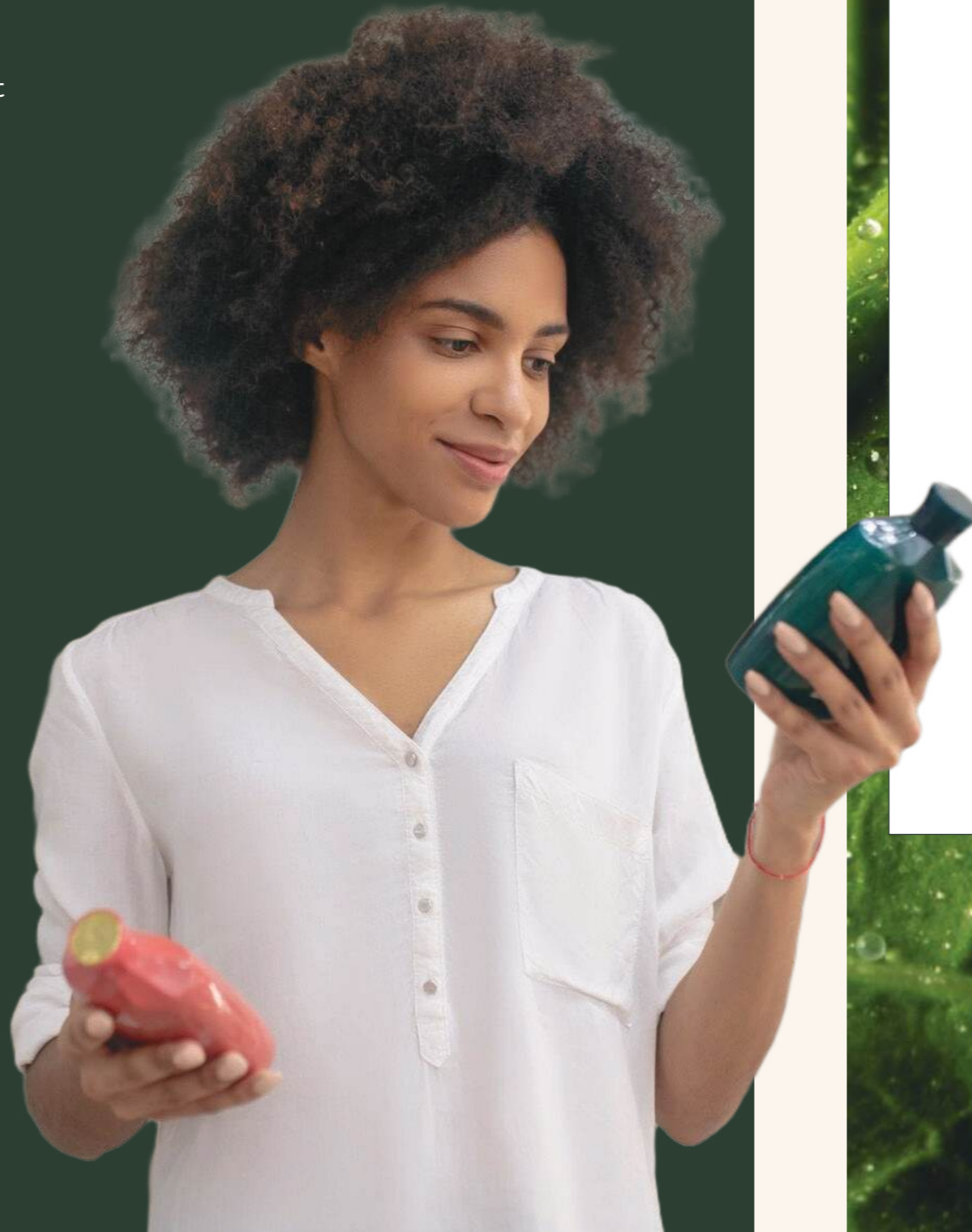
In today's world, consumers are not just looking for products; they're searching for something more – a connection, a promise, and a shared belief.

Zero waste ingredients are an opportunity for beauty and personal care brands to enhance their sustainability efforts.

The concept of upcycled ingredients allows us to reclaim and repurpose waste materials from agricultural, food, and juice industries. Instead of being discarded, these ingredients are transformed into valuable by-products and raw ingredients.


We believe in a world where every choice we make, no matter how small, has the potential to create a ripple of positive change.

At O&3, we want to embrace this journey of ethical consumption with our partners and consumers, hand in hand and work towards a brighter, more loving future, one ethical choice at a time.



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'We are very proud of our ambitions to minimise waste across all our operations at O&3. Cold Pressed Oil is not only an ingredient solution for our clients throughout the world, but also a further commitment as a business to go the extra lengths to be kinder to our planet.'

Victoria Hopson, Polska Country Manager

Upcycled By-Products

Upcycled ingredients allow us to reclaim and repurpose waste materials from agricultural, food, and juice industries.

Instead of being discarded, these ingredients are transformed into valuable by-products and raw ingredients, including seeds, leaves, peels, and stones, which can provide a nutrient-rich ingredient list for skincare and cosmetic products.

By-products contain key bioactive compounds that provide significant benefits for skin and hair.

Many by-products come from the processes of cold pressing oils and producing essential oils.

For example, many seed exfoliants and floral waters, which contain high-levels of essential fatty acids, antioxidants and vitamins, as well as key bioactive compounds that provide significant benefits for hair and skincare.

Any waste generated during these processes is repurposed, ensuring 100% raw material utilisation.



73% of Gen Z consumers are willing to pay more for sustainable products

The Nielsen Company



Upcycled By-Product Ingredients

These ingredients come from by-products in different manufacturing processes, ensuring 100% raw material utilisation. At O&3, we have an extensive array of upcycled by-products...

Coffee Green Exfoliant is an eco-friendly alternative to plastic microbeads and offers a natural and sustainable skincare solution.

Jasmine Water captures the flower's essence in the form of a hydrolat, and is known for its gentle nature and abundant benefits.

Raspberry Seed Exfoliant is a natural, gentle, and effective way to remove dead skin cells, leaving the skin feeling smooth, bright, and revitalised.

Rosemary Water is a gentler by-product of rosemary essential oil and is suitable for all skin types, including sensitive skin.



Zero Waste to Landfill

'Zero Waste to Landfill' is a widely recognised term in the waste management industry, representing an eco-conscious approach to minimising landfill waste.

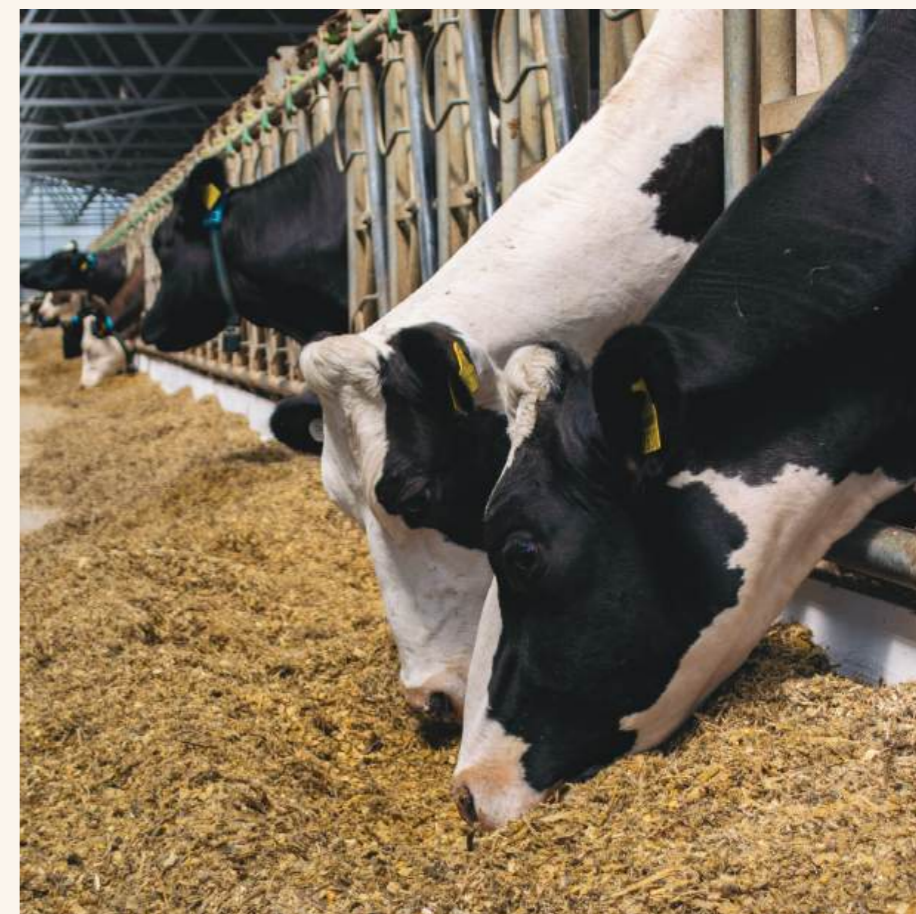
Landfills pose several environmental and economic challenges, making waste reduction a valuable goal for businesses.

Some raw materials are grown specifically for oil production, generating a degree of waste.

At O&3, we manage this waste meticulously, preventing it from ending up in landfills.

Instead, it is used as a natural fertiliser or for animal feed, nurturing the earth and supporting local agriculture.

From food grade to the most popular cosmetic oils, we offer a huge range of zero waste to landfill oils, that can be used in a range of formulations.



Cold Pressed Oils

Cold-pressing stands out as an entirely natural method for oil extraction, preserving the oil's natural nutrients, vitamins, and properties, without the use of heat or chemicals.

Purity, Quality, and Zero-Waste - As the demand for natural and sustainable beauty products surge, it comes as no surprise that cold pressed oils are increasingly gaining popularity in cosmetic formulations.

Upcycled cold-pressed oils are extracted from unwanted seeds, nuts, and pulps from the food and juice industries.

Avoiding heat and chemicals, cold-pressing preserves the nutritional qualities and aroma of the product.

The versatility of cold pressed oils allows for endless possibilities, from lightweight serums to rich creams, hair masks and lip balms, tailored to specific skin and hair needs.

By avoiding high temperatures and chemicals, the integrity of the oil is maintained, resulting in a cleaner and more natural product.

Cold pressed oils often last longer and have an enhanced shelf life, preventing degradation and rancidity.

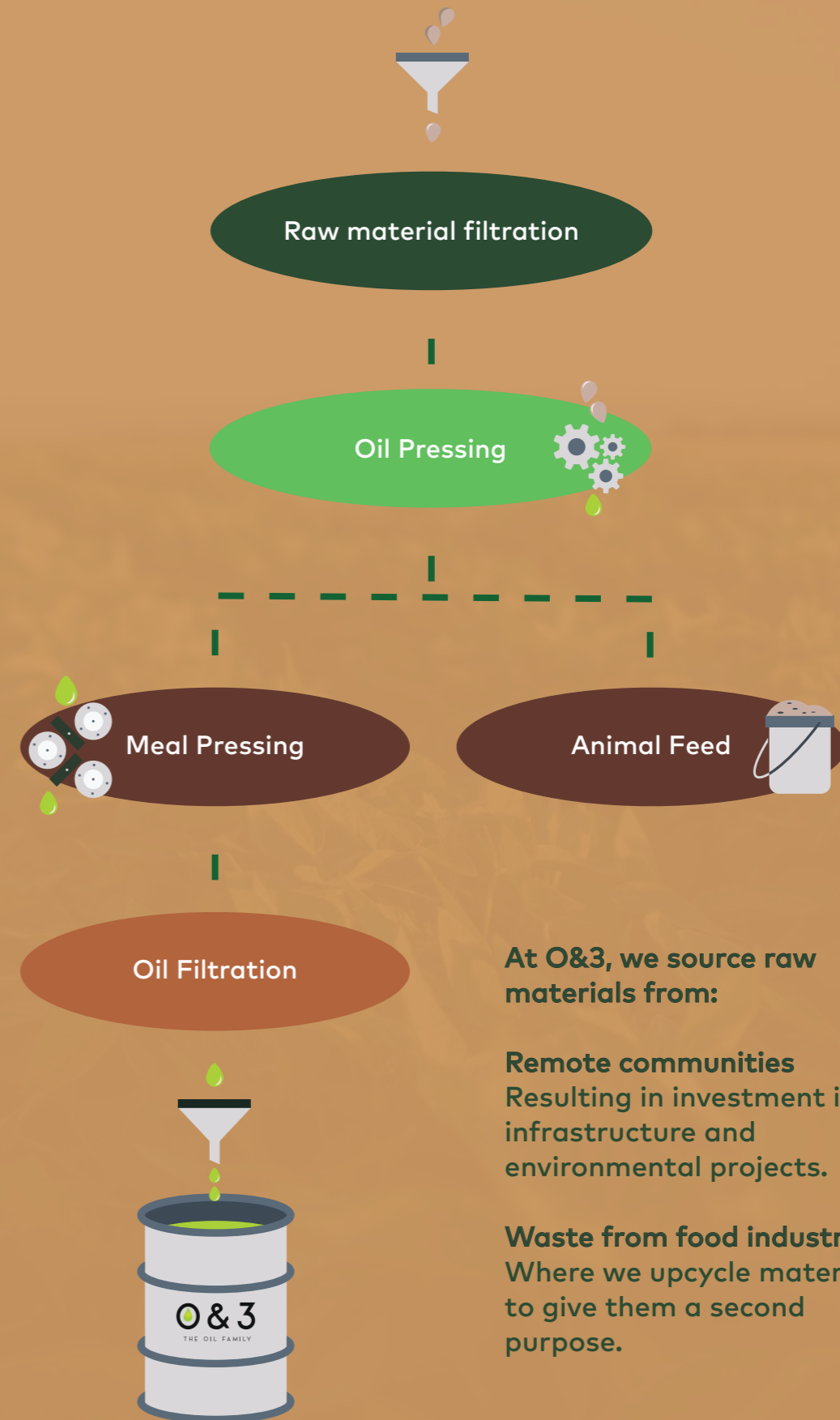
Packed with antioxidants, they can help combat free radicals in the body and reduce oxidative stress, making them an excellent addition to a whole range of formulations.





Farm to Formulation

Our cold pressing process



At O&3, we source raw materials from:

Remote communities
Resulting in investment into infrastructure and environmental projects.

Waste from food industry
Where we upcycle materials to give them a second purpose.

Exfoliants

Our sustainable scrubs are made from a wide variety of the finest raw plant materials, such as nuts, fruits, vegetables, and seeds. Move away from synthetic materials and choose an effective, natural and highly functional solution.

Exfoliating scrubs are a by-product and the final waste element in a raw material lifecycle.

And, with such a large product range, there are natural exfoliants for all skin types, from sensitive to oily.

Scrubs often complete a zero waste circle for natural products.

They are made by crushing nuts and seeds to extract oils and then irradiating them to sterilise them.

Many natural exfoliants are rich in antioxidants and other natural emollients.

This means that they can help to protect the skin from damage and keep it hydrated and moisturised.

The versatility, shelf-life and production of our exfoliants from a variety of natural products makes them a cost-effective solution for incorporating into formulations.

They can be easily integrated into creams and lotions for versatile applications.



Waters

Hydrolats and hydrosols, also known as waters, are gaining popularity in cosmetic and haircare due to the increasing demand for products that are both effective and environmentally responsible.

Incorporating O&3's waters into formulations aligns with preferences for natural and sustainable ingredients as they are recycled from industry by-products.

All of the waters in our range that are 'hydrolats' are zero waste.

This means that they are the left over product and don't have any additional essentials added back in.

Steam distillation is used to create aromatic essentials.

During the distillation, the aromatic water left over contains minute amounts of the essential oil and is its own by-product.

Their very delicate aromas make them ideal for use in products for pets, babies, and people with sensitive skin.

They are also often used in anti-ageing products, as their delicate aroma does not irritate the skin.

Hydrosols and hydrolats can be used on their own as facial toners, mists, and hair sprays, but can also be added to other products, such as lotions, creams, and shampoos.

Many hydrosols and hydrolats contain soothing and anti-inflammatory ingredients.

This makes them ideal for use in products for conditions such as eczema, psoriasis, and rosacea, as well as to soothe sunburn and other skin irritations.

They are available from a wide range of plants, each with its own unique aroma, giving formulators a variety of options to choose from when creating products with a natural fragrance.





When you choose O&3 zero-waste ingredients, you're making a conscious choice for the planet.

Our commitment to sustainable sourcing and environmentally friendly practices extends to every facet of our business.

It's a promise that your formulations contribute to a greener, more harmonious world.



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