Seaweed-coated food containers





Seaweed has spent millions of years beneath the ocean, perfecting the art of regeneration.

Following nature's blueprint, we create not-plastic materials that disappear naturally—leaving nothing behind but a healthier planet.

POWERED BY SEAWEED



We're a material innovation company that happens to make packaging

55

in the team

07

Patents

£35m

VC investment

10

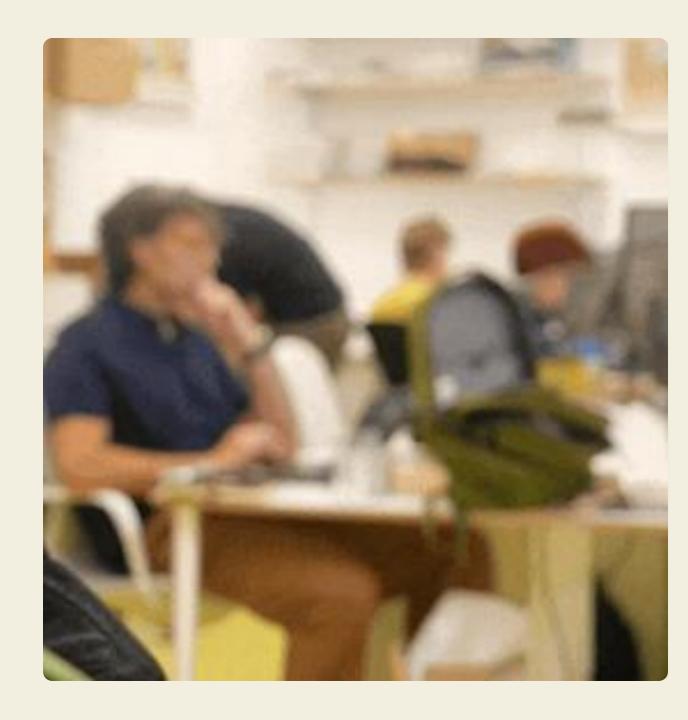
Years of R&D

85

Trade secrets

30m+

Single-use plastics replaced









Widely used in packaging for its convenience and durability, however once in nature it becomes virtually indestructible





141 million tonnes of plastic waste is produced annually

Less than 9% of plastic has ever been recycled

Plastic can persist in the environment for hundreds of years



Microplastics in the ocean disrupts the natural CO2 sequestration cycle

This floating waste releases CO2 back into the atmosphere, disrupting natural carbon storage



Carbon-rich excrement, which normally sinks and traps CO2 on the ocean floor, now floats



Phytoplankton absorbs CO2 from the atmosphere during photosynthesis



Zooplankton eat the phytoplankton mixed with large amounts microplastics found in the ocean





Brain, balls, babies: 77% EU citizens have microplastic in their blood



• EVERYDAY PACKAGING CAN SHED BILLIONS OF MICROPLASTICS DURING NORMAL USE—ESPECIALLY WHEN EXPOSED TO HEAT, OIL, OR FRICTION.



Microplastics revealed in the placentas of unborn babies

Health impact is unknown but scientists say particles may cause long-term damage to foetuses

Damian Carrington Environment editor

Tue 22 Dec 2020 11.55 CET

Microplastic particles have been revealed in the placentas of unborn babies for the first time, which the researchers said was "a matter of great concern".



Nature doesn't leave a trace, neither should packaging

We design packaging with the same philosophy: working with nature, not against it. Like a fruit peel, our materials serve their purpose, then disappear.





We looked to nature for inspiration — and found seaweed

FAST-GROWING & GLOBALLY ABUNDANT

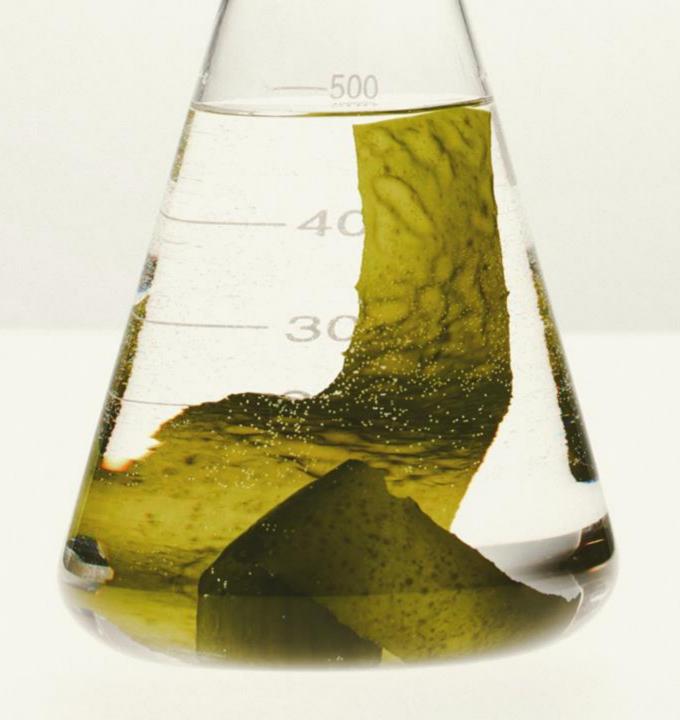
GROWS WITHOUT FRESH WATER OR FERTILISER

NO CONFLICT WITH FOOD CROPS OR FARMLAND

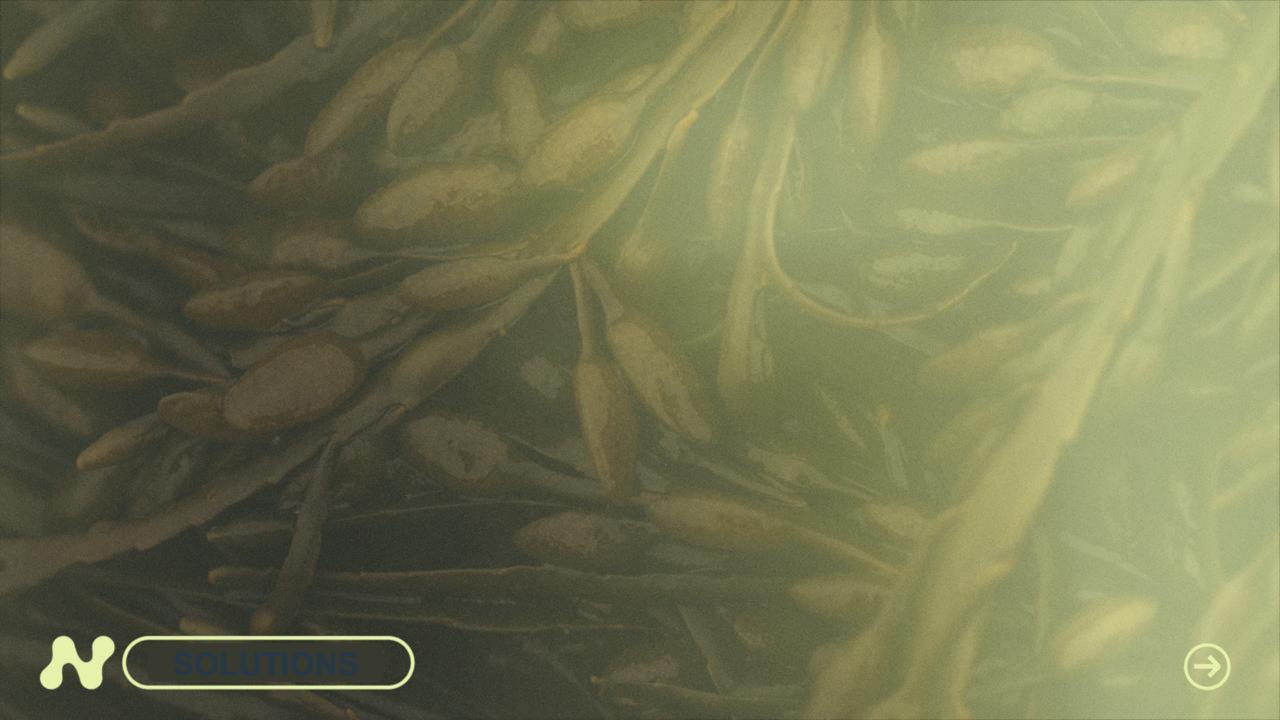
CAPTURES CARBON & REDUCES OCEAN ACIDIFICATION

SUPPORTS MARINE BIODIVERSITY

UPLIFTS COASTAL COMMUNITIES







OUR SOLUTIONS ARE GROUPED INTO THREE TECHNOLOGY

PLATFORMS



COATINGS & PAPERBOARD

PELLETS

• EDIBLE PACKAGING

One regenerative mission, three pathways

Notpla Coating[™] is the natural barrier guaranteed to disappear

EU VERIFIED PLASTIC-FREE COATING

79% LESS GHG THAN PLASTIC

FULLY RECYCLABLE WITH PAPER AND CARD

OK COMPOST HOME CERTIFIED

PRODUCT READINESS





The same functionality without the plastic

PRODUCT PERFORMANCE

- + Oil resistance 24+ hrs [ISO 16532-1]
- + Food contact approved [BFR36]
- + FSC certified
- + BPI Certified
- + FDA Approved
- + Recyclability [EN 13430]
- + Compostability [BPI & EN 13432]
- + Up to 79% less CO₂e [independent LCA]

SUITABLE FOR

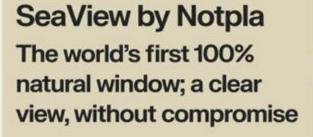
- + Hot and cold food
- + Warming cabinets
- + Temperatures up to 90°C





Replacing plastic linings in foodservice

- → 103 SKUs in the range
- → From delivery boxes to stadium trays
- → Available in brown and white board

















Packaging's dirty secret exposed

To protect takeaway boxes from the oil and water in your food, most are lined with a plastic coating or packed with toxic chemicals known as PFAs, even in those that claim to be 'sustainable'.





PLASTIC-FREE /

The Dutch government officially recognised Notpla's unique coating as the first and only material to meet the EU's Single Use Plastic Directive standards





'Not-plastic' isn't just a slogan. It's a promise.

It's our name and our commitment to materials that work the way nature intended.

While others bend the rules of what counts as 'biodegradable,' we follow the strictest definition of not-plastic—meeting the EU's Single Use Plastics Directive through:

NATURAL: POLYMERISATION IN NATURE

UNMODIFIED: NO CHEMICAL MODIFICATION

Plastic-free without the*

Plastic

PHA FERMENTED POLYMERS

JNMODIFIED

Not-plastic

PAPER STARCH LIGNIN



Plastic

PLA PE PP PET PVOH PBS PBAT **Plastic**

CELLULOSE ACETATE MODIFIED STAPCHES

NON-NATURAL

NATURAL



Notpla Coating™ is the first and only to be officially recognised as plastic-free under the EU SUPD

- **X** Vegware
- X Transpack
- X DaklaPack
- X NatureFlex™
- X Pactiv Evergreen
- X Purple Planet
- **X** EcoCortec
- **X** CAMM
- X Plantware®
- X Green Rock Group
- X PurePack Bio
- **X** EarthSafe

- X Decent
- **X** Ecopack
- X Delipac
- X Bio Futura
- **X** BIOFASE
- **X** EarthChoice
- X Packhelp
- X GreenLeaf
- X SustainWrap Co.
- **X** EcoFiber
- X PlantPack
- X NatureShell

- **X** Paptic
- **X** Frugalpac
- **X** Repaq
- **X** Biopak
- X TIPA
- X Bio4Pack
- X Earth Packaging
- X Great Wrap
- X ClearEco Wraps
- X GreenCircle
- X LeafGuard
- **X** BioBlend

- X Huhtamaki
- **X** Enviropak
- X EcoSafe®
- X Sabert
- X Tru Earth®
- X Flexopack
- **X** Planetware
- **X** TerraWrap
- X TrueNature
- X EcoBound Materials
- X ZeroWasteWrap
- **X** BioPouch





179% CO2e

Independent analysis by Foodsteps show Notpla boxes produce up to 79% less CO2e than conventional plastic alternatives







How does Notpla stack up against the competition?

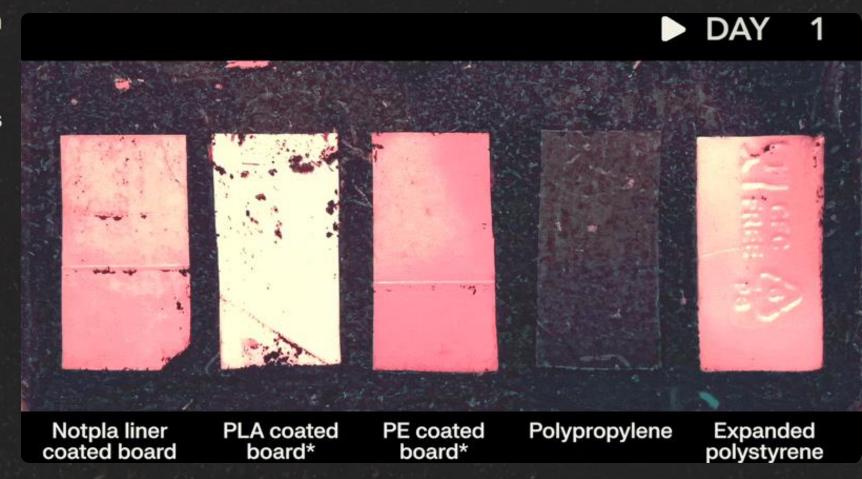
	Plastic-free	PFAs-free
Notpla Coating™	1	
Bioplastic coating (PLA)	X	✓
Dispersion/aqueous coating	X	✓
Forever chemicals (bagasse)	/	X

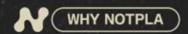


What does naturally disappearing really mean

In our wormery, Notpla breaks down like food. There's no heat, pressure, or special conditions required.

Meanwhile, conventional bioplastics and so-called 'compostables' remain untouched.





Wherever it ends up, we've thought of that

Notpla food-containers are:







Fully recyclable in paper streams

Home-compostable in six weeks

Designed to break down in general-waste





The Earthshot Prize celebrated our vision, backed our science and positioned us as global leaders in sustainability







Chosen by the world's most forward-thinking businesses















Bloomberg





















The only natural packaging solution at scale

29,132,773



- ↑ SINGLE-USE PLASTIC REPLACED TO DATE
- → 12 MILLION UNITS SOLD IN 2024



- → 5 MILLION UNITS PER MONTH CAPACITY
- → OPERATIONAL IN UK, EU & US
- → LISTED IN MOST MAJOR UK DISTRIBUTORS
- → DISTRIBUTION GROWING IN EU & ROW

Let's make plastic disappear together



NOTPLA.COM (@NOTPLA)

CUMPARAMENT OF PAPSTAR











By Conpax

Conpax product range

- Single-use food packaging
- Reusable food packaging
- Packaging materials
- Tableware
- Hygiene
- Party & decoration
- Fruit & vegetable packaging
- Custom solutions



Conpax customized solutions

- Private label
- Development own range
- Design



Conpax in-house production

- Snack trays
- Burger boxes
- Catering boxes
- Pastry boxes
- Sleeves
- Fruit & vegetable packaging



Conpax Solutions Sustainable Concepts & expertise

- Composting
- rEVENT
- WAUW cup
- Cup recycling
- Suprichtlijn.nl
- Sustainable policy
- Pickler



Conpax brands & concepts

- Folia®
- Notpla
- Kraft
- PAPSTAR
- PAPSTAR pure
- Premium Quality
- Premium Quality exclusive tableware
- Starpak
- Royal Collection
- WORK-INN
- Medi-Inn®

Segments

- Foodservice
- Retail
- Fruit & vegetable packaging



The beginning of this love story

Conpax with her sustainability DNA always on the search for better sustainable solutions

Notpla was looking for a partner in continental Europe

They visited several potential partners in different countries

Once they visited Conpax.....It was love at first sight

Same DNA and an extensive customerbase in Foodservice

Expert in manufacturing foodservice packaging like snack trays and hamburger boxes



The biggest challenge in giving birth to our child

- To become a SUP proof coating according to the strict Dutch law
- This proces took almost 9 months
- SUP-legislation would come into force on January 1, 2024
- September 2023 the final confirmation from the ILT that Notpla coating was a 100% plastic free coating
- And then our race started
- We needed to develop an assortment for our Dutch market and have it ready before January 1
- Conpax developed a complete fast food range of trays and boxes (13 SKU's)





Now we had to raise our child

- Promotional campagnes on LinkedIn, mailing, advertisement, interviews, tradefairs to let our customers know a great range of 100% supproof packaging products was available
- First customers like Bidfood and Sligro came on board
- However, there was also a great deal of uncertainty about this legislation in the market
- We where confronted with a slow start due to less necessity
- Our child needed friends.....





And the first close friends are



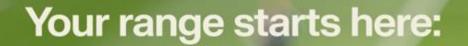


Levy



- Levy is within the Compass Group the expert on stadium- and eventcatering
- Levy has a net-zero ambition on sustainability
- Levy is working for several Premier League Stadiums like Tottenham Hotspur Stadium and Villa Park the home of Aston Villa
- In Holland Levy is the caterer for the Johan Cruijff Arena
- Using only Notpla products







Notpla Hot Dog Tray - 10 x 3"



Notpla Curved Tray 6x6"



Notpla Curved Tray - 10 x 6"

Unlike your average cardboard takeaway box. I use a seaweed coating which is renewable, 100% vegan and has 0% synthetic additives.

Real carbon savings

By replacing plastic with natural materials, Notpla offers up to 79% reductions in Co2e compared to standard packaging.

Switching to Notpla packaging at a typical stadium could save approximately

9,876 kg of CO₂e per season.



That's 6 round-trip transatlantic flights from New York to London.

By designing waste out of the system and choosing packaging that returns to the earth, you become a powerful example of how planetary health can become a key element in foodservice operations.

Carbon savings based on 30 matches played per season with 22k meals served per match = total 660k units of packaging per season. Assumes switch from PLA-lined packaging to Notpla equivalent.





Kwalitaria



- The first cafetaria franchise organization in Holland going for Notpla
- Walitaria's goal? To reduce CO2 emissions by 60% by 2030 and make guilt-free snacking the norm
- 136 kwalitaria locations will replace their current assortment into Notpla 100% plastic free assortment

And the result will be:



Kwalitaria x Notpla: Taking a Big Step Towards a Plastic-Free

World 102.5 tonnes



→ 153 return flights from Amsterdam to New York

CO2EQ AVOIDED

6.9 tonnes

PLASTIC WASTE DISPLACED



→ The same weight as 4 cars



And will they live happily ever after?

- Like in every realtion, it is stormy in the beginning
- Hard work to make it work for both
- You need friends and family to make life better
- And you have to keep an eye on the ultimate goal
- We believe that this range will become a permanent value in the long term in our market
- And this marriage wil last for ever
- But new Friends are very, very welcome
- Thanks, on behalf of Earth





