

Company and product presentation

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Document structure

1	EXECUTIVE SUMMARY
2	THE ABSORBENT MARKET
3	ECO LAND AND ECO SEA

Eco International AB is introducing two sustainable absorbents, one for land and one for water applications

WHO?

- Eco International AB is a development and manufacturing company focusing on refining, finalizing and verifying early sustainable innovations.
- Eco International AB focuses purely on impact innovations, building a more sustainable and environment friendly world.
- Owned by five investors, including CEO Thomas Gaterud and Chairman of the Board Pernilla Lindeborg, who together represent the majority share of Eco International AB.

WHAT?

- Eco International AB is introducing two sustainable absorbents, Eco Land and Eco Sea®, one for land and one for water applications
- Holds a Compliance Certificate that the products and its ingredients fully comply with the demand in the REACH Regulation (EC) 1907/2006 for registration of chemicals.
- Holds a certified Security Data Sheet (SDS)
- Eco Land and Eco Sea® are absorbents with unique capabilities like no other alternative on the market, they are
- biodegradable,
- more versatile,
- less expensive
- · easier to use and
- fully support circular economy, spill can be reused.



ECO LAND AND ECO SEA®-THE NEW GENERATION BIO-FRIENDLY ABSORBENTS





Unique opportunity to buy the next generation of absorbents

Next generation bio-absorbents	 Unique method to get rid of undesired liquid by being the only absorbent combining Outstanding performance - fast absorption, high capacity, no leakage, safe, easy to use, versatile Perfect end-result - leaves surface dry and clean, no additional clean-up required, contains odors Biodegradable - does not harm the environment, circularity from raw material to being disposed as valuable soil
Huge growing market driven by regulations in favor of bio alternatives	 Large existing need to remove unwanted liquids in almost all industries, incl. manufacturing, shipping, rescue services, sanitation and healthcare Increased focus on biodegradability, recyclability and creating the circular economy considered main drivers for future market growth Additional untapped market potential for new bio absorbents where existing absorbents currently aren't considered suitable solutions Increasing environmental concerns puts pressure on corporates and governments to take action against liquid pollution - further driving demand
Predicted market gap with supply deficit of relevant bio alternatives	 New regulations forcing the market to shift to biodegradable methods to remove unwanted liquids creating a supply deficit the coming years as no competitors offer a product that is (1) environmentally friendly, (2) effective and efficient, (3) safe to handle and (4) does not leak An arising market gap forecasted for the coming years
Great potential with low variable cost	 Versatile products that can cater to the broad demand from a variety of industries and purposes without adaptation Low supply risk as raw material is abundant and traded as a commodity world wide The unique recipe, machinery and production process is what creates the value in turning basic raw material into advanced absorbent Efficient manufacturing process and machinery has been developed to produce large volumes Competitors and existing alternatives are unrefined with regards to product sophistication and efficiency
Rare opportunity to buy a unique product at the right time	 As awareness and regulations increase the overall need for absorbents while shifting the market towards environmentally friendly alternatives Eco Land and Sea® have taken 10 years of R&D to develop and are several years ahead of any competitors' solutions Compliance Certificate, the products and its ingredients fully comply with the demand in the REACH Regulation (EC) 1907/2006 for registration of chemicals and information in the supply chain.



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Absorbents contain and/or remove unwanted liquids across most industries

The absorbent market refers to any material that removes an unwanted liquid from a surface or other liquid such as:



The absorbent market is comprised of both absorbents and adsorbents



Absorbents segmented both according to their purpose and makeup _____ ABSORBENT MATERIAL __ Natural inorganic **Synthetic Natural organic** Clay, perlite, vermiculite, e.g. polyurethane, Carbon-based (e.g. glass wool, sand, or polyethylene, and straw, hay, saw dust) volcanic ash polypropylene APPLICATION AREA SpillFix. Eco Land

Regardless of classification, absorbents can be purchased and used in many different formats depending on the purpose

Eco Sea

Chemical (HAZMAT)





The market for Industrial absorbents¹ is expected to grow by 5% annually the coming years, driven by growing environmental concerns and regulations

Global market for Industrial absorbents¹ USD billion 5.1% 5.4 5.2 5.0 4.8 4.7 4.5 4.3 4.1 3.9 3.7 3.6 3.4 2016 2017 2018 2019 2020E 2021F 2022F 2023F 2024F 2025F 2026F 2027F

Competitive landscape



- Despite several large scale players the global industrial absorbents market is highly fragmented. The five top players account for ~15% of total market and consolidation is not expected in the near term
- Industrial absorbent manufacturers across the world have been focusing on the development of new products by using natural and renewable raw materials that are easily degradable

MARKET OBSERVATIONS

- Growing concerns regarding environmental health and regulations regarding oil and chemical spills are major factors driving the growth of the industrial absorbents market. This trend is particularly strong in Asia/Pacific
- Biodegradability and recyclability are the key product trends driving market growth and although synthetic absorbents dominate the market, natural industrial absorbents are projected to have the highest growth
- High manufacturing costs of both synthetic and collected material absorbents poses a challenge for manufacturers, as large-scale spill situations demand huge volumes of absorbents
- In terms of end-user demand oil & gas, chemical, food processing and healthcare are all expected to increase usage intensely over the forecast period

"Manufacturers should increase awareness about recyclability amongst end-use industries to reduce environmental impact. They should invest in the development of naturally-made oil absorbents to boost international exports."

Market analyst, Transparency Market Research institute



Absorbents are used everywhere for a wide range of purposes

Infinite application areas...



... for a wide range of industries

Manufacturing	Transportation & airports	Marine & ports	Oil, gas & refineries	Chemicals	Healthcare	Emergency service & military	Consumer goods & food	Agriculture & veterinary	Water & sanitation	Waste management	Restaurants & hotels	Local governments
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Broad market potential on a global level for several different industries and usage areas



1 Calculated as an average of samples from Europe samples (1/ 2500) MEA (1/2000) and APAC (1/3500) (equally weighted) 2 Estimated average absorbent end-customer price per liter removed liquid (1.3€)



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Summary: Eco Land and Eco Sea ® environment friendly and safe absorbents that do not compromise effectiveness or affordability





Apply, wait, remove, reuse – simple process with the ability to reuse and recycle the liquid and the used absorbent building a circular economy





Example for Eco Land and Eco Sea in granular form

Source: Eco International

The effectiveness of Eco Land & Sea[®] with different liquids is best demonstrated in action, several videos available on YouTube





Eco Land & Eco Sea® are revolutionizing absorption and spill handling, enabling more convenient solutions

	1) Raw material and production	2 Distribution and wholesale	3 Pre-usage	4 Application	5 Absorption	6 Removal of used and excess absorbent	7 Separation of absorbent and liquid	Disposal and circularity
Key for competitiveness	 Access to cheap, abundant raw material Efficient production process Low costs Sustainable operations 	 Light, easy to handle Space efficient Versatile product, broad demand Low cost of transportation High pot. margins Easy to store, in most condition 	 Space efficient Light, easy always have at hand Low cost of transportation Easy to store and carry in various places and conditions No expiry 	 Light to handle and easy to apply Non-toxic to user Safe to apply excess absorbent not harming nature Cheap Suitable format to condition 	 Fast absorption time Effectiveness of absorption 100% absorption without leakage Not flammable No contamination Contain odors 	 Easy to remove Leaves surface in the same conditions as prior to spill Not leaving harmful rests or stains Stress-free, not time sensitive Does not induce any additional cost/work 	 Separation ability of absorbed liquid from the absorbent Possible reusage of absorbed liquid Minimum contamination when separated Easy to separate 	 Ability to reuse/recycle /compost the absorbent getting a new circular value Easy, convenient cheap and environmentally friendly disposal of both absorbent and liquid
Challenges with traditional absorbents	 Need for more affordable products, based on cheap accessible raw materials Heavy and bulky Few (no) good bio- based absorbents Too heavy and bulky, costly to transport and handle, takes up expensive space Need for more versatile products "one absorbent fits all" 		 Heavy and bulky absorbents, hard to carry/store –currently challenging to comply with regulations Need for more convenient products 	 Need for safer products, not harming user or environment Easy to use 	 Traditional products either harm the environment, are inefficient or ineffective Few contain odors 	 Existing alternatives require a lot of work to remove and few are degradable Leave surface wet or damaged, incurring additional costs 	 Few leak-proof alternatives able to separate absorbed liquid from absorbent in a controlled way 	 Traditional products require an expensive and inefficient disposal process Few biodegradable and compostable alternatives available
	available		$\underline{\Sigma}$			9 m	\longleftrightarrow	i.
Benefits with Eco Land & Eco Sea	 Raw material a basic commodity, endless supply One recipe two absorbents solutions Efficient production process, large quantities from small 	 Light weight & easy to handle Easily stored in room temperature and other varieties of conditions Space efficient Extremely versatile 	 Light weight & easy to handle Easily stored in room temperature and varying conditions Space efficient Convenient Accessible "on-the- 	 Not harmful to user, could be held directly Easy to use, apply a small amount on spill No risk in applying excesses amount, biodegradable 	 4 minutes to absorb Absorbs 10x own weight Not flammable, No leakage nor harms the environment Contains odors 	 Easy to remove Leaves surface clean and dry – as the spill never happened Can be removed after minutes or months, does not leak or sink Biodegradable 	 Ability to squeeze out the and reuse absorbed liquid if needed 	 Absorbent is 100% compostable when separated or while containing organic liquids Affordable disposal
Source: I	facility, Few FTEs Eco International, Business Swe	•	go" thereby higher	15		×		

Eco Land and Eco Sea® beat existing products across all key buying criterias

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Most common absorbent types ¹	Туре	Absorbent/ Adsorbent	Absorption time	Absorption capacity x weight	Biodeg- radable	Flamma- ble	Possibility to extract absorbed liquid	Holds liquid and floats (over time)	Volume L to remove 1 L liquid	€ to remove 1 L liquid	Raw Material Cost	Destruction Cost / kg	Total lifecycle cost per absorbed liter
Eco Land Eco Sea	Organic	AB	Instant	>10x	ø	No	Yes	Forever	1.1	1.0	\$	\$	\$ Q
Cellulose	Organic	AD	Instant	1-5x	Ø	Yes	Yes	Days	1.6	1.5	\$\$	\$\$	\$\$
Sawdust, Peat	Organic	AD	>10 min	1-5x	Ø	Yes	Yes	Minutes	3.3	3.5	\$\$	\$\$	\$\$\$
Coconut shells	Organic	AB	>10 min	1-5x	1	Yes	Yes	Days	2.0	1.1	\$\$\$	\$\$	\$\$
MoClay granulate	Natural inorganic	AD	>10 min	<1x	No	Yes	No	No	2.0	1.3	\$\$	\$\$\$	\$\$
Sand, Cement, Lime	Natural inorganic	AD	>10 min	<1x	No	Yes	No	No	2.5	1.3	\$	\$\$\$	\$\$
Perlite	Natural inorganic	AB	Instant	1-5x	No	No	Yes	Days	1.4	1.4	\$\$\$	\$\$\$	\$\$\$

1 The list contains the most common types of organic and natural inorganic absorbents on the industrial absorbent market. Figures represent an approximate for the type, exact data for any specific brand could vary

Source: Eco International, spillfix, Denios, Yxhult, Decorus Europe, Hazero, Spilldeal



Praised and endorsed by professionals across industries and areas of expertise around the globe

"

As the products are affordable, biodegradable and cause no secondary contamination I think these by far are the best available options on the market among available absorbents and adsorbents.

The products are light weight and easy to work with, they are very efficient don't leak during the removal and disposal process.

An added bonus is that Eco Land quenches fire flames in seconds with no risk for auto ignition or secondary contamination. Eco Land and Eco Sea are the future of spill handling!

Roedolf Mias Coetzer Executive VPO NAWAFID AL-AWALI Contracting Co, Ltd, Saudi Arabia

"

Chemicals- and spill handling is a daily task in our workshops and we continuously strive to find and test new products in order to maintain and also improve our environment- and sustainability standards.

Eco Land and Eco Sea are unique new absorbents that fully meet our environmental standards and also offer efficient handling and removal of any type of spill in a efficient way.

Marianne Kemnert

Manager Environment and Sustainability, Mobility Motors Sweden AB (20 years experience in car and repair industry)

"

Eco Sea will revolutionize the spill handling at sea with its capacity to encapsulate the spill and not sink below water level for hours, days and even months

President, Oil spill handling company, India

"

Now we need only one absorbent and no extra chemicals to clean and dry any surface.

Managing Director, Oil company, Russia

"

It is any hospital's dream, to clean and dry any working floor from blood, urine, vomits etc. in minutes

> Sales Director, Chemical company, Saudi Arabia



Biodegradable before use



Biodegradable after use

100% versatile, in all environments

