

SINAR MAS CEPSA

A GLOBAL OLEOCHEMICALS BASED
SURFACTANTS





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About us



Who we are

Sinarmas Cepsa Pte. Ltd. is a supplier of oleochemicals, established as a joint venture between the chemicals business of Spanish integrated energy company Cepsa and Indonesian conglomerate, Sinar Mas Group.

Headquartered in Singapore and with production facilities in Lubuk Gaung, Indonesia as well as Genthin, Germany, our company is founded on strong synergies of its partners: Golden Agri-Resources Ltd (GAR) is the world's second largest producer of palm oil with integrated operations and a strong presence in the APAC region, and Cepsa as a world leader in the Linear Alkyl Benzene (LAB) surfactant industry with a wide portfolio of chemical products and a leading presence in the Western hemisphere.

Sinarmas Cepsa Pte. Ltd. and its subsidiaries are fully committed to the production, marketing and development of fatty alcohols and alcohol derivatives based on sustainable palm oil and palm kernel oil (PKO).

As a member of the Roundtable on Sustainable Palm Oil (RSPO), we follow, promote and communicate the principles and criteria established by this initiative to all our stakeholders, be it employees, suppliers, and customers.

Moreover, we also have a privileged position with respect to our raw materials integration, allowing us to manufacture and market oleochemicals in their RSPO certified sustainable variants while also providing product traceability at various levels.

Our Company



Established in 2014 and headquartered in Singapore, Sinarmas Cepsa Pte. Ltd. is a 50:50 joint venture between Golden Agri-Resources (GAR) and Cepsa.

Our company's ambition is to achieve a leading position in fatty alcohols and its derivatives thanks to the combined strengths of its shareholders: Cepsa, as the worldwide leader in linear alkylbenzene (LAB), precursor of the most versatile surfactant- across the globe linear alkylbenzene sulfonate (LAS) and GAR, Indonesia's largest producer

of palm oil, the most efficient vegetable oil in terms of productivity.

As a result, Sinar Mas Cepsa is able to offer a uniquely integrated business model in the oleochemical industry which integrates activities "from tree to customer", together with best industry practices and the most stringent sustainability policies.

Sinar Mas Cepsa is currently operating a world class fatty alcohol plant in Indonesia and produces surfactants in Germany for the European Market.



Vision and Mission

Our Vision

To become a global leading player in the **fatty alcohol surfactant** market focused on creating value for our **customers** and **stakeholders** while

being a responsible and sustainable corporate citizen in the **communities** where we are present.

Our Mission

- Establish a **global manufacturing and marketing** footprint.
- Develop distinctive **competitive advantages** in technology and manufacturing capabilities.
- Achieve **excellence** in safety, operations and supply chain.
- Provide **innovative solutions, reliable quality** and services for our customers.
- Attain global **leadership in green and sustainable products**.



Group Companies

Sinarmas Cepsa Pte. Ltd.



Sinarmas Cepsa Pte. Ltd. is the headquarters and marketing office of the joint venture.

Corporate office:

108 Pasir Panjang Road
#05-02 Golden Agri Plaza
Singapore 118535
T: +65 6715 8438
F: +65 6715 8448

PT Energi Sejahtera Mas



PT Energi Sejahtera Mas (PT-ESM) is one of the largest fatty alcohol plants in the world, which also produces basic oleochemicals from palm oil and palm kernel oil (PKO).

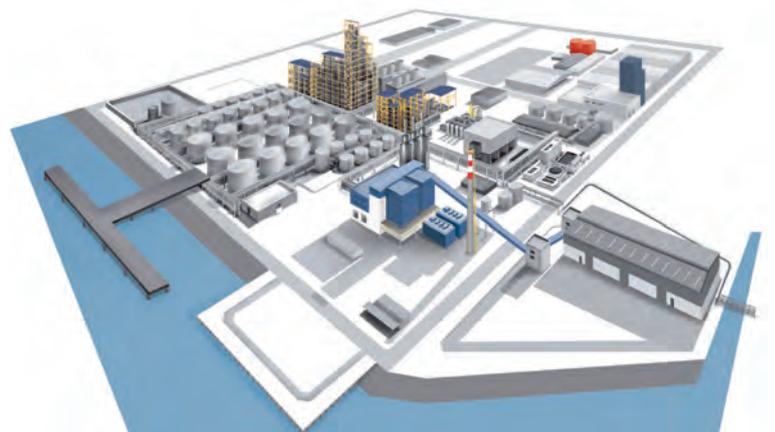
The plant, which is strategically located in Lubuk Gaung (Dumai, Indonesia), has direct access to raw materials so guarantees a continuous supply. Designed with the latest state of the art technology for fatty alcohol production, it is also able to produce all its necessary utilities while managing its waste in the same site. In terms of

logistics, we strive to offer best-in-class service as we manage and operate our own jetty connected to the plant for bulk and container shipments.

In conclusion, the self-sufficient plant enables us to guarantee a reliable supply of fatty alcohols to our customers around the globe.

PT-ESM Plant:

Lubuk Gaung - Dumai 28826
Indonesia
T: +62 765 7151 000



About us

Sinarmas Cepsa Deutschland GmbH

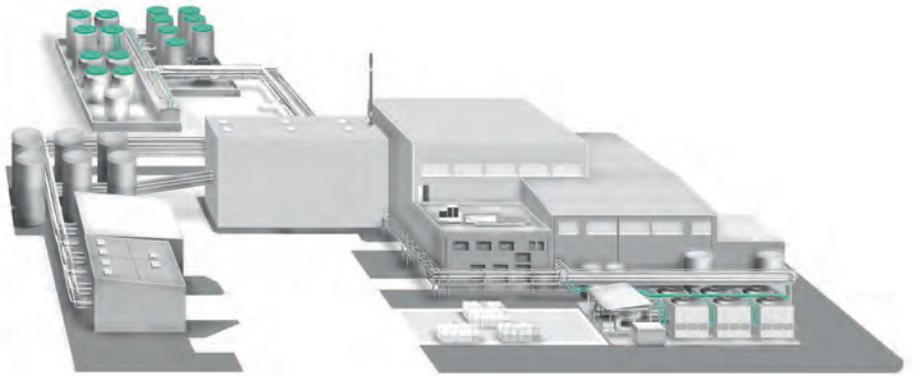


Sinarmas Cepsa Deutschland (GmbH) is the subsidiary responsible for the production and marketing of fatty alcohols and its derivatives in the EMEA region.

At the iconic site of Genthin (Germany), which has close to 100 years of history in the surfactants business, Sinarmas Cepsa Deutschland acquired a world class sulfation and sulfonation unit capable of producing fatty alcohol based surfactants as well as linear alkylbenzene sulfonic acid.

The plant was designed using the latest technology based on a continuous air/SO₃ sulfation/sulfonation process that guarantees its products meets the strictest standards required by the Household and Personal Care Industries for anionic surfactants.

*Sinarmas Cepsa Deutschland GmbH:
Genthin - Saxony-Anhalt 39307
Germany
T: +49 3933 94826*



Our Business Model



What makes us different?

Firstly, we are a new **strong** player with the combined strengths of two industry leaders;

We have a **global footprint**, with infrastructure in Asia and Europe to offer our products worldwide;

Our **firm commitment to sustainability**, together with a wide portfolio of **surfactants** that are complemented with Cepsa's linear alkylbenzene global leadership.

An **integrated player** with direct access to key raw materials in the oleochemicals industry and a firm **ambition to grow** along the value chain by leveraging on unique and innovative **R&D solutions**.



Corporate Responsibility

Sinarmas Cepsa Pte. Ltd. and its subsidiaries are committed to the highest safety standards in all its facilities and for all its people, with the utmost respect for the environment and the conservation of biodiversity.

The company strives towards management excellence through its Health, Safety, Environmental and Quality (HSEQ) policy. This commitment, rooted in people, prevention and continual improvement, is mandatory throughout all of our areas of activity and processes for which we own, manage or invest regardless of the stake and is extended to all partners collaborating with the Sinarmas Cepsa Group.

Our Commitments:

- To promote and improve a positive HSEQ culture with the full commitment and participation of all employees, contractors, suppliers, customer and visitors.
- To ensure all its manufacturing and business activities are carried out in accordance with local regulations and best industry practices.
- To utilise available resources and technologies to prevent and eliminate the risk of injuries, occupational illnesses, environmental pollution and damage to properties.
- To continually excel in providing good quality products and services that exceeds the expectations of customers and stakeholders.
- To demonstrate visible commitment, enforcement, continuous improvement and provision of suitable resources to improve HSEQ management.
- To inculcate a high performance and innovation culture.
- To maintain constructive engagement with internal and external stakeholders in all aspects related to HSEQ.

Our Shareholders



- GAR, a leading agribusiness and food company, is part of the Sinar Mas consortium of businesses.
- One of the world's largest palm oil producers, #1 in Indonesia.
- Leading sustainably certified palm oil producer.
- Significant presence in Asia with operations in Indonesia, China and India.



- #1 LAB producer worldwide.
- International, integrated and diversified chemicals portfolio.
- Technological leadership.
- Focused on Western world.
- A fully owned Mubadala Investment Company.

Cepsa



Cepsa is an integrated energy company operating at every stage of the oil value chain, with close to 10,000 employees. Cepsa is engaged in petroleum and natural gas exploration and production activities; refining, the transport and sale of oil and natural gas derivatives; petrochemicals, biofuels, co-generation and the sale of electricity.

Cepsa is Spain's fourth largest industrial group in terms of turnover, and has been in the market for more than 80 years. It has a significant presence in Spain and, thanks to the progressive internationalization of its activities, it is now also active on several continents, marketing its products worldwide.

The chemicals business in Cepsa has a leading position globally through an integrated and diversified portfolio. It has an international presence, with chemical sites in Europe, Americas and Asia.

Cepsa's activities includes the manufacture of raw materials for biodegradable detergents, high-technology plastics, solvents, synthetic fibres and pharmaceutical products, as well as a wide range of petroleum derivatives. Cepsa is a global leader in manufacture of linear alkylbenzene (LAB). It is also global leader in cumene, and is the world's second largest producer of phenol and acetone.

One of Cepsa's corporate values is constant improvement. To help the Company achieve that, it look towards innovation and technology. Cepsa has a Research Center which helps them to create value, optimize processes, and improve the quality of operations and products. For example, Cepsa has their own technology for the manufacture of raw materials for biodegradable detergents (LAB/LABSA), called DETAL, which is used in 80% of new plants in the sector all over the world.

To learn more about Cepsa activities, visit www.cepsa.com

Golden Agri-Resources

Golden Agri-Resources (GAR) is one of the largest palm oil plantation companies in the world. Our plantations are located in Indonesia and we manage more than 480,000 hectares of palm oil plantations (including smallholder farmers). We are a leading seed-to-shelf agribusiness—from growing oil palms with farmers to producing food for the present and future.

Sustainability is an essential part of our business and we are guided by our GAR Social and Environmental Policy (GSEP). The GSEP is the roadmap we share with our employees, smallholders, suppliers, and customers as we work together to realise GAR's vision of a sustainable palm oil industry.

GAR believes that farming palm oil is an effective way to create jobs and

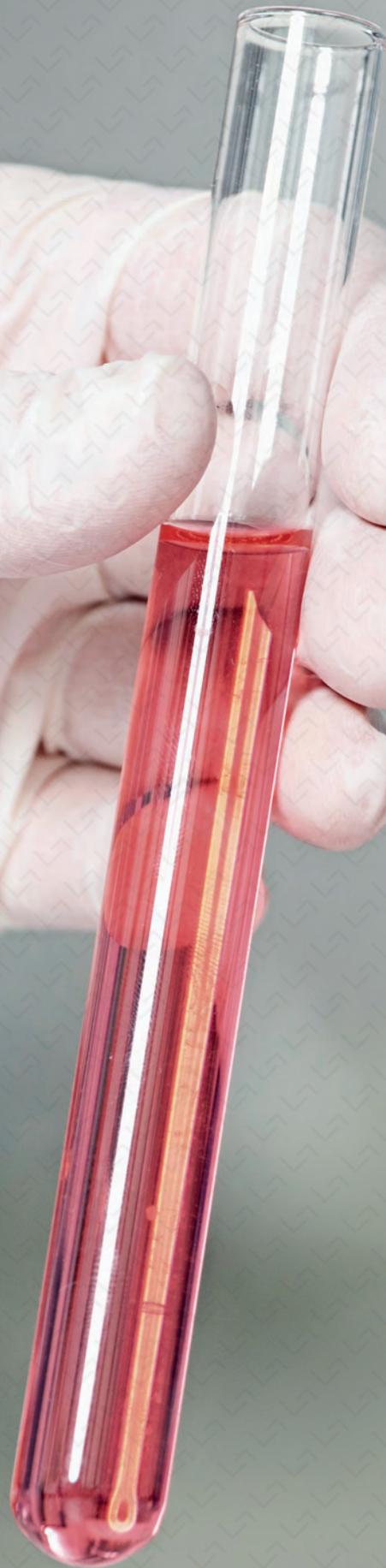
alleviate poverty, and provides opportunities for communities to secure a better livelihood for themselves. As one of the largest plantation companies in Indonesia, operating largely in rural and remote areas, we not only play an active role in the well-being of our employees, but also in the wider communities where we operate.

Founded in 1996, GAR was listed on the Singapore Exchange in 1999 and the corporate office is located in Singapore. GAR has several subsidiaries which includes PT SMART Tbk, our business operating in Indonesia; Victory Tropical Oil, our distribution business in Europe and the US; PT Dami Mas Sejahtera, our certified DxP seed producer and supplier; and our various businesses in China.

To learn more about Golden Agri-Resources, visit goldenagri.com.sg.



Our Products



Our Products



Sinar Mas Cepsa's product portfolio consists of oleochemicals fully derived from vegetable raw materials such as palm kernel oil (PKO) and other palm oil fractions. Given our chosen technology, we also produce fractionated fatty acids and high purity glycerine.

Thanks to our operations in Singapore, Indonesia, and Germany, together with the combined global network of our shareholders, we are able to support our customers by providing commercial and technical solutions to meet their global needs.

Fatty Alcohols: CepSinol®



CREAMS,
PERSONAL CARE
PRODUCTS.



Fatty alcohols are key industrial intermediates that are subsequently easily converted into derivatives that are present in many all applications that we use each day: from home and personal Care products, fragrance & flavors, passing through the petroleum industry, metalworking, lubricants, and agricultural chemicals.

CepSinol® product portfolio comprises a vast range of Pure Cuts as well as the most common used blends.

Our Products

Pure Cut Fatty Alcohols:

Product	Substance Name	INCI Name
CepSinol® P8	1-Octanol	Capryl alcohol
CepSinol® P10	1-Decanol	Decyl alcohol
CepSinol® P12	1-Dodecanol	Lauryl Alcohol
CepSinol® P14	1-Tetradecanol	Myristil Alcohol
CepSinol® P16	1-Hexadecanol	Cetyl Alcohol
CepSinol® P18	1-Octadecanol	Stearyl Alcohol

Fatty Alcohols Blends:

Product	Substance Name	INCI Name
CepSinol® 810-L	Blend of 1-Octanol, 1-Decanol	Capryl-Decyl Alcohol
CepSinol® 810-H	Blend of 1-Octanol, 1-Decanol	Capryl-Decyl Alcohol
CepSinol® 1214	Blend of 1-Dodecanol, 1-Tetradecanol	Lauryl-Myristyl Alcohol
CepSinol® 1216	Blend of 1-Dodecanol, 1-Tetradecanol, 1-Hexadecanol	Lauryl-Cetyl Alcohol
CepSinol® 1218	Blend of 1-Dodecanol, 1-Tetradecanol, 1-Hexadecanol, 1-Octadecanol	Lauryl-Stearyl Alcohol
CepSinol® 1618	Blend of 1-Hexadecanol, 1-Octadecanol	Cetyl-Stearyl Alcohol
CepSinol® 1618-L	Blend of 1-Hexadecanol, 1-Octadecanol	Cetyl-Stearyl Alcohol
CepSinol® 1618-H	Blend of 1-Hexadecanol, 1-Octadecanol	Cetyl-Stearyl Alcohol

We are able to produce any Fatty Alcohol Blend from our Pure Cuts.

Fatty Alcohols
Ethoxylates: CepSinol®-e



DETERGENTS,
 DISHWASHING,
 CLEANING
 PRODUCTS.



The ethoxylation of fatty alcohols results in mixtures of compounds with different ethylene oxide units in the aliphatic chain. The product is known by the average moles of ethylene oxide in its molecule.

Generally, fatty alcohols with a low ethylene oxide content have low solubility in water and are used mainly in the synthesis of the ethoxy-sulfated alcohols while those having high ethylene oxide content are water soluble, so being used directly as non-ionic surfactants in laundry detergents, household cleaners, industrial and institutional cleaners as well as in agricultural, textile, and oil formulations.

CepSinol®-e product portfolio includes the following products:

Product	Substance Name	INCI Name
CepSinol®-e 1214/1	Alcohols, C12-14, ethoxylated (1EO)	Laureth-1
CepSinol®-e 1214/7	Alcohols, C12-14, ethoxylated (7EO)	Laureth-7
CepSinol®-e 1216/1	Alcohols, C12-14, ethoxylated (1EO)	Laureth-1
CepSinol®-e 1216/2	Alcohols, C12-14, ethoxylated (2EO)	Laureth-2
CepSinol®-e 1216/3	Alcohols, C12-14, ethoxylated (3EO)	Laureth-3
CepSinol®-e 1216/7	Alcohols, C12-14, ethoxylated (7EO)	Laureth-7
CepSinol®-e 1216/9	Alcohols, C12-14, ethoxylated (9EO)	Laureth-9
CepSinol®-e 1218/7	Alcohols, C12-18, ethoxylated (7EO)	Laureth-7

We are able to produce any EO condensate in our fatty alcohol portfolio.

Our Products

Anionic Surfactants: CepSinol®-es | CepSinol®-s

HYGIENE



SHAMPOOS,
GELS,
TOOTHPASTE.



Sinarmas Cepsa's anionic surfactants portfolio comprises Fatty Alcohols Ether Sulfates (CepSinol®-es) and Fatty Alcohols Sulfates (CepSinol®-s), produced by the sulfation of the corresponding fatty alcohol ethoxylate or fatty alcohol with a continuous air/SO₃ mixture in state of the art reactors, that guarantee the highest product quality.

Fatty Alcohols Ether Sulfates:

CepSinol®-es surfactants show high surface activity, high foam ability, good viscosity response, low irritation property and excellent hard-water resistance. They are readily biodegradable and are used as primary surfactants in cosmetic and personal care products such as shampoos, shower gels, liquid hand soap among others. It is also widely used in household products, such as, laundry detergents, dishwashing liquids and cleaners. It can be easily formulated with other surfactants and it provides a good synergistic effect.

Product	Substance Name	INCI Name
CepSinol®-es 1214/2S (70)	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Sodium Laureth Sulfate
CepSinol®-es 1216/2S (70)	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Sodium Laureth Sulfate
CepSinol®-es 1216/2S (70) LD	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Sodium Laureth Sulfate
CepSinol®-es 1216/2S (27) HP LD	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Sodium Laureth Sulfate

Fatty Alcohols Sulfates:

CepSinol®-s surfactants are strong cleaning agents that shows high surface activity, good viscosity response,

strong wetting power and flash foaming property. It is biodegradable and is used as a primary surfactants in household and industrial cleaning

applications. It is also used in personal care products and can be easily formulated with other surfactants.

Product	Substance Name	INCI Name
CepSinol®-s 1216-S (30) HP	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Sodium Lauryl Sulfate

Fatty Acids & Glycerine



PLASTICS,
GREASES
& LUBES,
ADHESIVES,
CANDLES, WAXES,
GROCHEMICALS,
FRAGRANCES
& FLAVORS.

Fatty acids are carboxylic acids with a long aliphatic chain, usually from 8 to 18 even number carbon atoms in the molecule, either saturated or unsaturated.

Glycerine (or glicerín) is a colorless, odorless and non-toxic viscous liquid widely used in the food industry as a sweetener as well as in pharmaceutical formulations.

Fractionated Fatty Acids:

Product	Substance Name	INCI Name
Sinar-FA 0899	Octanoic acid	Caprylic Acid
Sinar-FA 0810	Blend of Octanoic acid, Decanoic acid	Caprylic-Capric Acid
Sinar-FA 1099	Decanoic acid	Capric Acid
Sinar-FA 1865	Octadecanoic acid (65%)	Stearic Acid (65%)
Sinar-OL 75	Cis-9-Octadecenoic acid (75%)	Oleic Acid (75%)

Product	Substance Name	INCI Name
Sinar-GLUSP	Glycerol	Glycerin

Sustainability





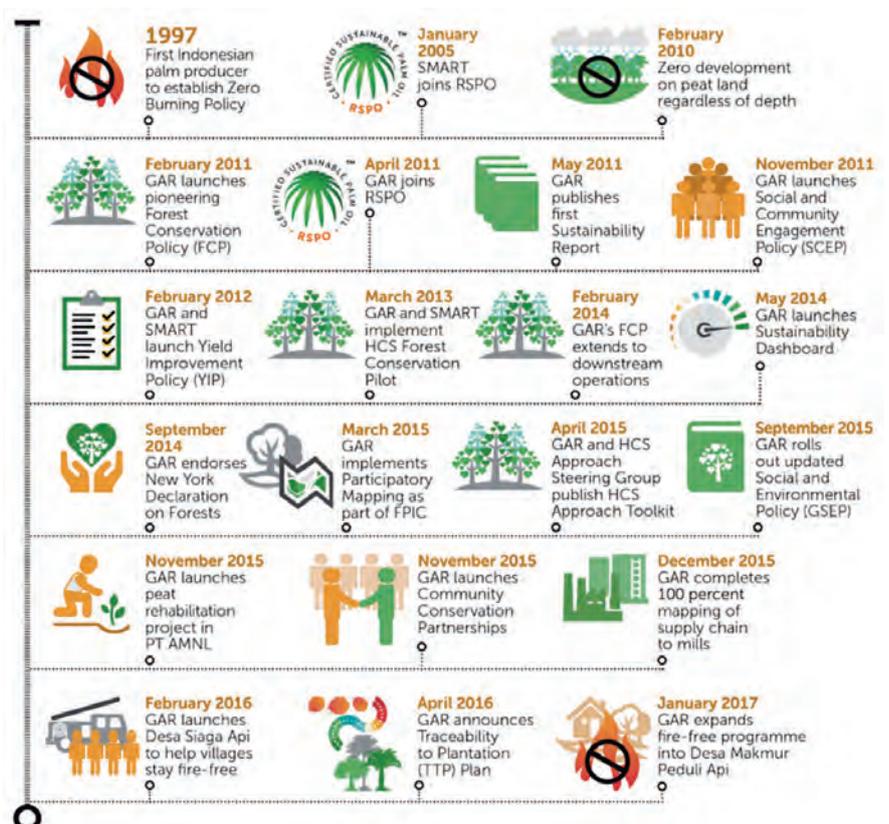
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Sustainability is part of our DNA. Our shareholders pro-actively apply best-in-class sustainability practices, adopt

stringent policies and integrate sustainability as part of our organisational culture.

Golden Agri-Resources (GAR), the largest palm oil grower in Indonesia, believes that socio-economic growth can go hand-in-hand with environmental protection and sustainable practices. GAR's sustainability strategy uses a scientific approach to understanding our most material issues across all areas of our business - this includes our impacts on the environment, the communities around us, our workers, our supply chain and the consumers who use our products.

GAR's Sustainability Milestones



Cepsa remain firmly committed to responsible management in our activities, aware that operational excellence implies a sustainable development of our processes, while maintaining our values and ethical principles and prioritising the prevention of potential environmental and social impacts in the areas in which we operate. Cepsa takes indices and initiatives of recognised prestige as a reference, on both

a local and international level, which encourage responsible and sustainable business frameworks. By doing this, we strengthen our commitment towards the responsible management of our activities, increasing our reliability and transparency with respect to our stakeholders. We are currently committed towards the following national and international initiatives in corporate responsibility:



To find out more about our shareholder's initiatives and activities on sustainability, visit <https://goldenagri.com.sg/sustainability/> and www.cepsa.com

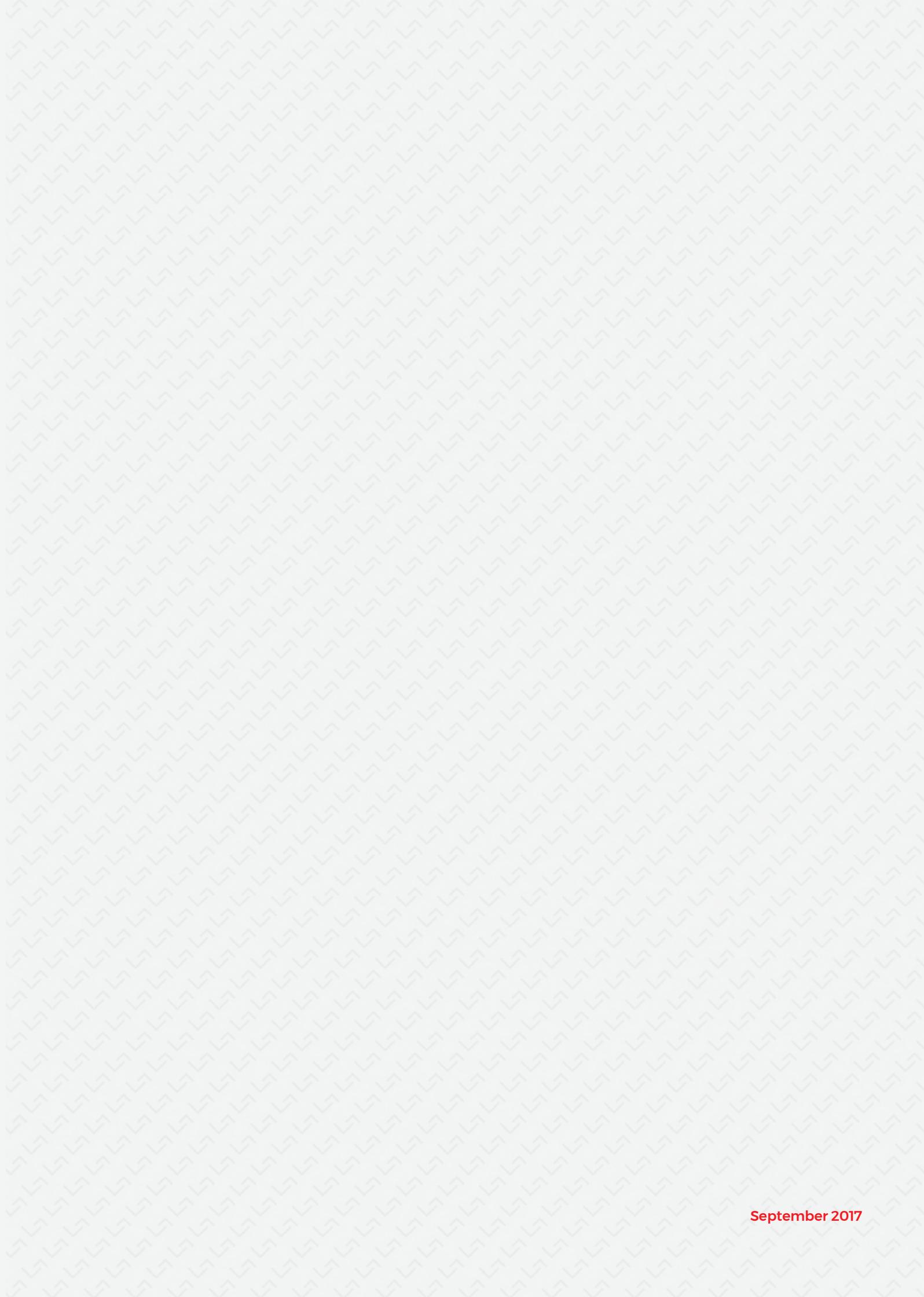


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España

Sinar Mas

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