

WHO'S SEKAB?

Sustainable Green **Chemistry** Solutions





...YOU

Together, we work in a company from Norrland with significant parts of the world as our game plan. We produce and sell chemical products and develop new generations of green products and biofuels. We not only lead these developments we also contribute to making the world a little better. Every day.

YOU are an extremely important part of this process, through all your constructive contributions over the years.

Consequently, this book is yours. How you choose to use it is up to you. It may not provide you with everything you



need in your daily work, but it can tell us about and serve to remind us all of what we do, why we do it and what we are capable of achieving - together.

With this book about our world class in Norrland we aim to summarise what SEKAB stands for and show what you have helped to build.

Anders Fredriksson

SUSTAINABILITY- **PURELY** A QUESTION OF RESOURCES?

Our prosperity has been governed historically by supply and demand of goods and services. However, as growth increases, the maintenance of our prosperity will be dependent on how we handle and take care of the Earth's resources.

Our population is exploding, but the Earth's assets are not growing along with us, instead they are decreasing. In order to reverse this negative trend we all need to become better at finding sustainable solutions for the future.

That is why we are here and why we do what we do every day - offering the market sustainably produced renewable alternatives. Something good for the benefit of everyone.

Now and in the future.



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CREATING A BETTER WORLD USING SUSTAINABLE SOLUTIONS

Much of what we do is not visible on the surface but it has a greater impact than we might believe. As a co-worker at SEKAB you contribute directly or indirectly to things that make a difference. Here are some examples of what SEKAB has achieved:



THE FINEST WE HAVE

Våra Our most sustainable products – our premium products are made from renewable raw materials and second-generation cellulosic ethanol. Ethanol that is produced from waste products from the Swedish forest industries. This means that the production of ethanol does not make use of any new resources or arable land and consequently carbon dioxide emissions are minimised. This means that for example our washer fluid is the best choice for those who want to make the greatest possible climatic contribution.

PRODUCTION ACCORDING TO RECYCLING PRINCIPLES

The production of our raw material is done with as little toxicity as possible and minimised environmental impact.

BIOREFINERY TECHNOLOGY

Wherever there is any kind of biomass SEKAB'S fractionation technology for cellulose can be used to produce sustainable and fossil-free ethanol, biogas and lignin.

ADVANCED PURIFICATION

SEKAB has very advanced gas purification in its manufacturing lines for acetaldehyde in which the purification rate is higher than 99 per cent. The outgoing process water is treated in an anaerobic (oxygen-free) water purification process that is very effective - after treatment the water has a status that is close to completely unaffected natural water.

WE WANT TO REDUCE OUR TOTAL ENVIRONMENTAL IMPACT

ED95

Reduces CO₂ emissions
for lorries & buses
by up to **90%**

We work in accordance with the ISO-standardised management system and we are certified according to the ISO 14001 standard. This work includes constantly developing and improving working methods and processes.

E85 SEKAB'S BIOFUELS BECAME THE WHOLE OF SWEDEN'S BIOFUELS

Introducing a new fuel is no easy matter. No one wants to buy a car before you can refuel it and no one wants to install a pump before they have customers. Even so, E85 became an established fuel in Sweden in just ten years and SEKAB was the greatest driving force behind the success.

HEALTH & SAFETY IN FOCUS

We are connected to the international environmental programme Responsible Care - the chemical industry's international commitment to continuous improvements in health, safety and the environment. This means that we always put the health and safety for our staff, the surroundings and the environment, first.

VERIFIED SUSTAINABLE ETHANOL

As there were no criteria for sustainable biofuels in place SEKAB drew up its own together with a system to verify it. The result was the Verified Sustainable Ethanol initiative, which could be launched in 2008. The strict criteria guaranteed climatic and environmental benefits throughout the production chain.

QUALITY IN OUR WORK

We have systematic quality management according to ISO 9001. This way we have greater customer satisfaction and reduced costs.

WHERE ARE WE GOING?



SEKAB's vision is to be the global reference company for sustainable development in the chemical industry.

LONG-TERM THINKING ABOUT A SUSTAINABLE WORLD is breaking through even in our industry. As one of Europe's leading players in the field of ethanol, we are at the forefront when it comes to actively contributing to the sustainable production, distribution and commercialisation of green chemical products and biofuels. We want to maintain and continue to develop this position. With over 100 years of combined knowledge and experience, we have a clear head start that we can take advantage of. We can, with credibility assume ownership of this unique position as a leading green ethanol player. On the following pages we describe how we are maintaining and advancing our position.

Are you ready?



OUR **COLLECTIVE** SUCCESS FACTORS

THE MARKETS & PRODUCTS

- ✓ Continuous development of existing and new products
- ✓ Customer-focused sales and systematic quality work
- ✓ Continuous business development to meet future needs

PRODUCTION & LOGISTICS

- ✓ A safe and healthy working environment
- ✓ Continuous optimisation aimed towards lower consumption rates and energy consumption
- ✓ Effective logistics and distribution of all products

FINANCE & STEERING

- ✓ Profitability of all products and a strong cash flow
- ✓ A clear vision and result-focused operations
- ✓ Thorough analysis of outcomes and deviations



HOW CAN WE
HELP
EACH OTHER
TO ATTAIN THIS?



To unite around an idea and vision is one thing. To implement it is something else. We therefore have a shared set of core values from which we can all gain inspiration. Our values permeate our entire organisation and everything we do. Not only internally but also in how we relate to each other as colleagues. It is also about how we relate to the outside world - customers, suppliers, partners, and other contacts. We have brought together all of this in the four cornerstones of our core values: Commitment, Focus, Creativity and Participation.

COMMITMENT

Through openness, understanding and helpfulness we create a workplace where teamwork and job satisfaction are fundamental if we are to thrive and succeed. We are driven by our commitment to sustainable development and the growth of products and solutions and we see the environmental benefit for mankind and the society at large.

FOCUS

We are professional, results-oriented and the value of what SEKAB delivers shall be measured and followed up. We meet our customers' conditions and market fluctuations from a clear and market perspective at the same time as we also make demands. With knowledge and understanding of these concepts we develop SEKAB's organisation, products and services in order to be flexible when meeting customers and their different conditions and requirements. Collective processes and systems form the basis for building a good structure.





CREATIVITY

SEKAB's operations must constantly be evolved and adapted to our changing world. This requires a dynamic and creative organisation in which our work utilises internal resources, is adapted to our customers and the market, and in which we, the co-workers are responsive, proactive and knowledgeable. Every co-worker has an important and clear role to play in the on-going development work. Diversity, mobility and competence make SEKAB attractive both as an employer and as a provider of products and solutions.

PARTICIPATION

Through an open, communicative and coaching approach to each other, we create a positive working environment. Together we work towards clear visions where everyone has a sense of responsibility to be involved in influencing their own, each other's and SEKAB's development.



THE SEKAB-SPIRIT

*WORLD CLASS IN
THE NORTH OF SWEDEN*



We are proud of and happy about the successes we have achieved so far, and the challenges we have overcome. However, the journey has just begun. To move forward, it's up to us all at SEKAB to project this good spirit ahead towards both short and long term goals.

As we continue to work goal-oriented and enhance and inspire each other, nothing is impossible. The obstacles we encounter along the way are challenges that further strengthen and inspire us.

All this together with our history makes us what we are today. It shapes our SEKAB-spirit.



SOCIAL, **ECOLOGICAL** *& FINANCIALLY SUSTAINABLE OPERATIONS*

SEKAB shall work to create a socially, ecologically and financially sustainable society and within this framework develop long-term, successful, industrial and professional operations.

SEKAB's "Code of Conduct" clarifies how we shall act as a business partner and employer. All co-workers at SEKAB are responsible for and obliged to comply with the code of conduct and other policies and guidelines that govern the operations.

SEKAB conducts its business in accordance with the ten principles of the UN Global Compact, which includes principles concerning human rights, labour, the environment and anti-corruption.

SEKAB's "Code of Conduct" can be found in its entirety, in Swedish and English-language versions, on SEKAB's intranet and external website.



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