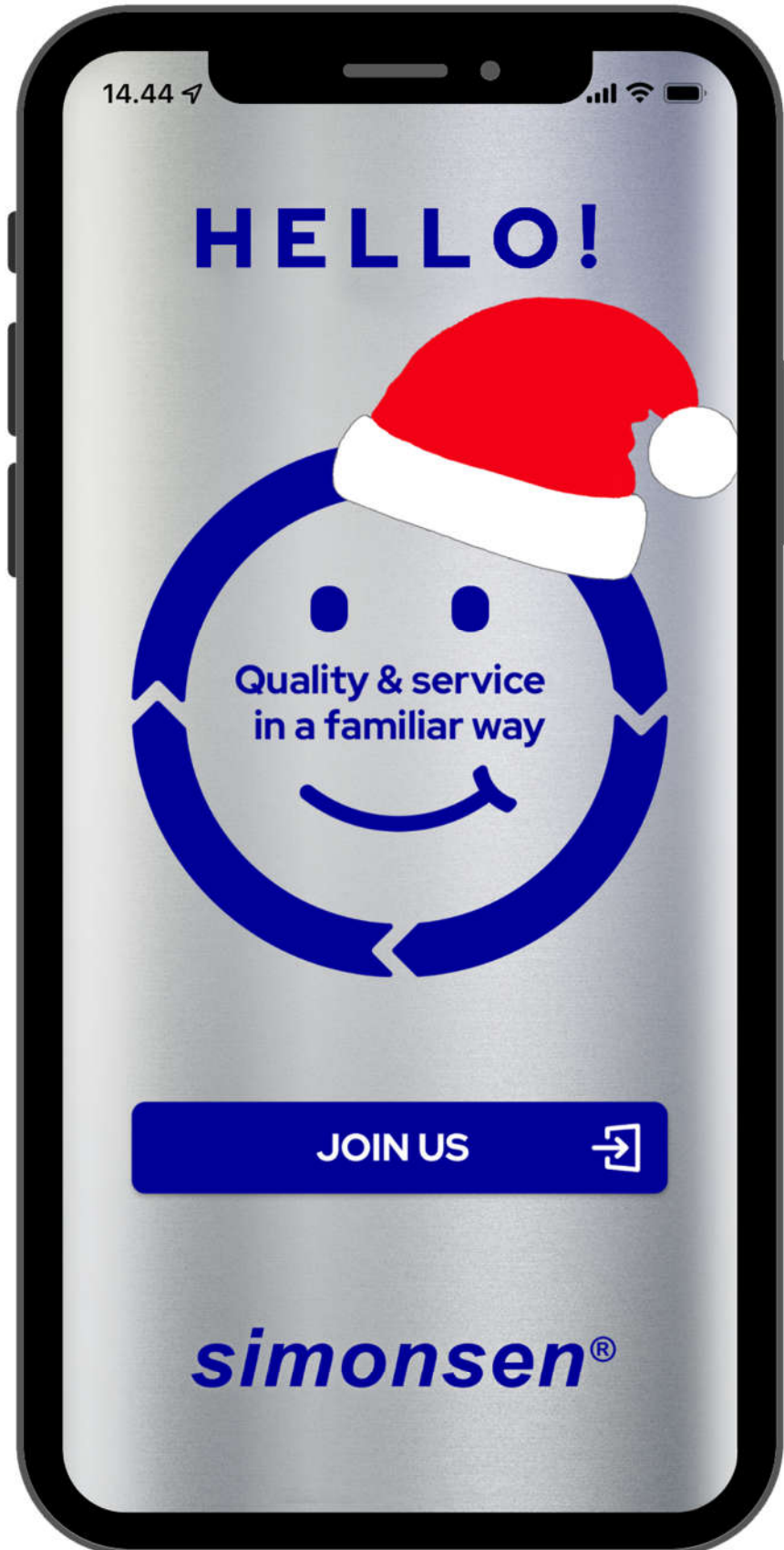


simonsen®



**Dynasty Update Digital
2021**

Dear friends, dear partners, dear family!

We are all approaching Christmas and year end of 2021. This year again yet as no earlier, as it in so many ways developed into a completely unforeseen situation for everybody: not being able to meet very much personally, facing dramatic increase in sea freights and as next straw uncontrolled increases in raw materials and energy on a global scale.

A big thank you goes out to all our customers for the open cooperation and understanding of the market fluctuations. Fully aware that we, as suppliers, have had to change our normal way of cooperation and ask for changes on a level not seen before. This has been a proof that close cooperation and full disclosure and communication can assist all parties in making the right decisions.

Also our partners in production have endured a big change to the daily operations and we are very pleased to say our partners have taken the challenges on and are today still the largest producers and more importantly they have the production capacity to match the demand. A fully security of supply.

It has been a pleasure to see the LME reaching new highs and settling on a very strong level, naturally increasing demand for lining materials, we are happy to note. And rest assured that we are ready to supply and provide the familiar service you are accustomed to from our company and family.

In 2021 DIGITALISATION has been an overriding new theme here in our offices. And I am therefore also pleased for the first time to show you our DYNASTY UPDATE DIGITAL.

It has been a very difficult call, as the Dynasty paper Update has been a tradition started by my father Jorgen 20 years ago and mailed personally in our special envelopes.

But we have to follow the times and adapt with the widespread consequential digitalisation in our daily operation, also resulting in the

SIMONSEN APP,

which will be an indispensable tool for handling information and business. Naturally, we envisage this APP to develop much further - an ongoing process.

So I sincerely hope you will take all this positively. The key word is accessibility and a big aim is also to make sure the next generations will have the interest in our global business.

The content will be slightly different but as always I really hope you will enjoy reading it.

I wish you all and your families a safe, peaceful and Merry Christmas and a Happy New Year!



Morten Simonsen
Managing Director

Staff



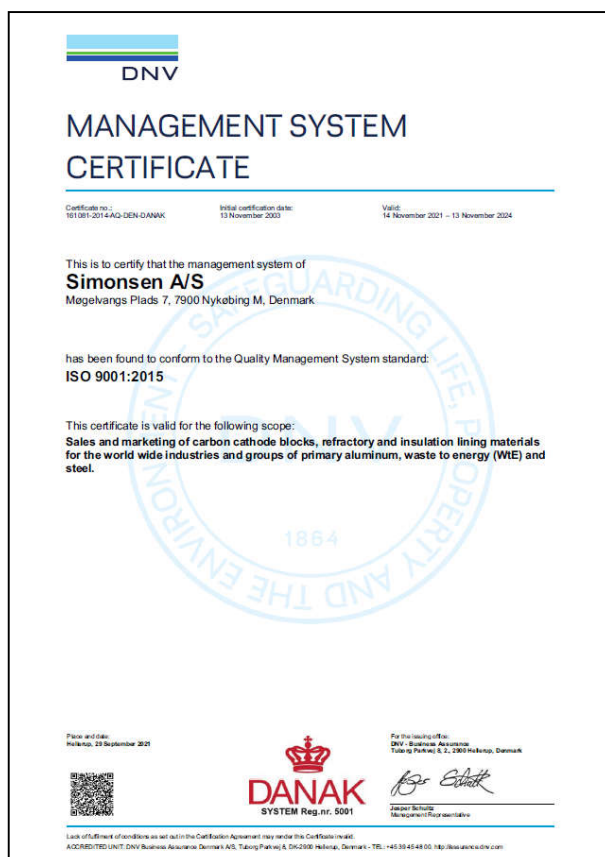
A very warm welcome to **Nicki Kruse Nielsen**, Communication & Marketing, who in January 2021 joined our company among other things to assist us in strengthening our digital appearance, which has also led to simonsen being on LinkedIn - a social media for which she is the main responsible.

Nicki graduated in 2020 and has a Master's degree in International Business Communication in English and actually she is one of the 4 students with whom we cooperated back in 2018 in connection with one of their university projects.

The digital municipality of the year

In August our municipality, MORSO, was appointed the most digital municipality of the year by Dansk Industri (Confederation of Danish Industry - a private business and employers' organisation).

The first prize was based upon local business-friendliness and a high digital infrastructure combined with strong solutions for all citizens and local companies.



ISO 9001:2015

This year we were re-certified and we are proud to say that once again our ISO certification was renewed for the next 3 years!

The ISO 9001 helps ensure customers that they get consistent and good quality products and service and the certification standards are based on a number of quality management principles.

Digital News

simonsen app:

As digitalisation and digital solutions are becoming increasingly relevant, this includes innovating and discovering new and better ways of working. Smartphones are becoming an integrated part of our lives and we are getting used to having information available and easy to access. Therefore, for the better part of two years, we have been working in the digital direction to stay innovative and to meet future demands and we have created our new professional **simonsen app**, available on both App Store and Google Play.

The simonsen app is created for our customers and is meant as a tool for the everyday work life, across the whole organisation. We have built the app with functionality, design and accessibility in mind to offer a tool making it easier to retrieve information about orders and shipments. The app also includes a QR code scanner, designed to scan the QR codes on our pallets and retrieve special information.



The app team, Frederik and Nicki, are continuously working on expanding, developing and improving the app, to include additional relevant information and new useful functions.

And who knows, perhaps in the future, all you need is the simonsen app?

The simonsen app team 
Nicki & Frederik

LinkedIn:

We are social - online!

Since mid-March we have also been present on the professional social media, **LinkedIn**. Our profile is also a part of our digitalisation process, where our customers, suppliers and partners can meet us digitally and learn more about us and what happens at simonsen. We post every week and our content plan includes various relevant information, ranging from product videos and supplier presentations to employee introductions and much, much more.



simonsen a/s

Quality and service in a familiar way

We hope to see you online - you can always find us by searching for simonsen and looking for a smiling, friendly face!

News from the shipping department

2021 will be an unforgettable year in the transport business. Already at the end of 2020, freight rates started increasing, assumably due to the Chinese New Year, however, rates increased even further. We have never in our company's history experienced such huge freight costs and at the same time, unfortunately, our containers being several weeks late.

There have been major challenges along the way and all means of transport of goods from China to the USA and Europe have been tried. We have even been obliged to inquire about the freight costs by truck from China to Europe in order to have goods arrive on time.

We expect that the prices and space/equipment will still be problematic issues during the first quarter of 2022. Hereafter we hope for more reasonable price levels and larger capacity of vessels.

At the end of April Maria went on maternity leave and during her leave Nora will handle all shipments of sicatec 75. We expect Maria to be back in the beginning of summer 2022.

Furthermore, Ningning has undertaken all shipments from China as to cathodes (SSC- and SSB-blocks). Hanne will continue to handle shipments of SIM-GD cathode blocks, insulation boards and insulating bricks. Connie deals with all shipments of alubar 1100 bricks and is our Navision "super-user".

We would like to thank all our customers, suppliers and forwarding agents for our fine cooperation during 2021.



From the left: Connie, Nora, Hanne and Ningning with Susanne in front.

We look forward to a new and tremendous year 2022 and wish you all a merry Christmas and a happy New Year.

Simonsen Shipping Team



Dynasty Production Updates

Dear all,

As you are most certainly aware, 2021 has been quite a challenging year when it comes to the production and supply of our various materials. Beside the huge increase in transportation costs seen worldwide over the last year, we have also had to face the increases in both raw material and energy costs during second half of 2021. This has naturally had an immense impact on both our pricing valid during 2021 but also for the pricing during 2022.

In this respect we would like to give you a more general production update on our various suppliers:

SINOSTEEL-LIRR:

We have been very challenged on the main raw material costs (SiC + Si) for which we have seen increases in prices of +50% to +300% during the last months. Based on several discussions with our supplier we do expect the higher than normal price level to be valid for quite some time into 2022.

However, both productions with LIRR, i.e. the Yinchuan and the Luoyang plants are running at full capacity.

As LIRR has a strategic cooperation with one of the largest raw material suppliers in China, we will always have access to raw materials.

Some of the restrictions that we might be facing in reduction/delivery during the first quarter of 2022 (only on orders which have not yet been placed) are the Chinese New Year celebrations from mid-January until early February and the Winter Olympics taking place from Februar 4th and 3 weeks forward.

With regard to shipments we are still working with several companies operating during several ports in order to try to secure shipment as planned.



Dynasty Production Updates

REFRATECHNIK:

In general the production and delivery of material from Refratechnik has been running quite smoothly during the past year. The plant is running at full capacity and has secured long terms raw material supplies in order to avoid problems on the supply side during 2022. For a certain size of material (quantity based) RT has built up a larger stock meaning that we for this specific size will be able to have material made available within very shortly.

However, RT has naturally also been hit by the large increase in gas prices experienced during the past 6 months. As energy costs are a large part of our production costs for refractory material, this has had the impact that we for 2022 have had to implement an increase in our pricing.

Generally, we are still experiencing problems with shipment for certain destinations but we are working on minimising the effect and impact of any possible delay.

MOSCONI:

The plant is presently running at 105% capacity meaning that for new orders our submitted delivery times will probably be somewhat longer than normal. The plant has secured long-term raw material supplies for 2022 and has raised the minimum threshold for the most sensitive commodities.

Mosconi has naturally also been hit by the very high gas prices and it has been necessary for us to implement an increase in our pricing.

CALSITHERM:

Production is running at absolute full capacity. The plant has no problems in securing raw material supplies on a long-term basis. The pricing of gas has of course had its impact on the pricing for the finished materials, i.e. price increases have also been implemented for 2022.

We are generally not experiencing any problems in the transportation of our material.



Dynasty Production Updates

TECHNO-PHYSIK:

Our plant in Slovenia is fully operational and is running at full capacity. Long-term raw material supplies have been secured in order to secure supplies for 2022.

However, the plant has been facing a huge increase in the costs of raw vermiculite, transportation costs and of course the pricing of gas in Europe. This has led us to increase our pricing for 2022 as well. But since Techno-Physik is the largest producer of vermiculite material in the world, we will be able to ensure production and supply of material and generally we are not experiencing any transportation problems for this material.



Hello!



Shanghai Update

"Dear friends in the industry,

Time goes really fast. This is my number 10 small article in the Dynasty Update but also a full year without meeting any of dear friends in the industry from outside (again)!

The big "seeing" event this year was on June 3, while LIRR and SIMONSEN was celebrating the '25 year cooperation and friendship'. As part of the cooperation I was invited to join the celebration. To me it was a meaningful moment to recall the history and especially to remember our Great statue of the cooperation - dear Mr. Jorgen Simonsen. He leaves us unforgettable memories and treasures in spirits.



Our plants in Shanxi and Ningxia are doing very well. They have had a very full and busy year as the booming of the industry even if affected by "spot pandemic" and suffered from the huge raw material costs increasing from the last quarter of the year. Under these unpredictable circumstances they still maintain our production and keep deliveries on time.

This year, my team is still doing fine, keeps busy and fights with the obstacles from the shipments. We succeed finally, as you can see. We are fit and vigorous and performed very well even we did have some 'spot pandemic' throughout the year. We are ready to serve our friends in the industry in the coming year.

It will soon come to the end of 2021. May you have a beautiful New Year!

Ruanbo from Shanghai"

Carlos Gueiros

Sadly, it seems we do not pass one year without sad news also.



This year we lost our great personal friend, Carlos Gueiros, from Brazil. He passed away unexpectedly and very quickly at the age of only 71 years.

Carlos was a completely unique person and the most humorous and best storyteller, we have ever met. He had a very special aura about him and a view of life that was only positive. For all of us to remember, not to take life and especially ourselves too seriously. We are, however, happy to carry on the special relations between our families and business with his son Carlos J. Gueiros and as such the legacy will be carried on and the relations are unwavering. Just as it is meant to be!

Carlo is missed amongst us, we know his stories are now being told where he is resting. Nice to know heaven is laughing!

LIRR / SIMONSEN

The 3rd of June marked our incredible 25 year anniversary for the close cooperation and friendship between SINOSTEEL LIRR and SIMONSEN A/S. - A milestone of significance!

In 1996 our founder and father Jorgen Simonsen travelled the depths of China to seek a future partner for the SIC side-wall production. Luckily he was introduced to LIRR in Luoyang, Henan - and a partnership and more so friendship was struck instantaneously.



LIRR, being the largest Refractory Research Institute in China, had the ability to produce but moreover to develop for the future. Simonsen had, modestly, the contact to the global primary aluminium industry and very quickly gained access and success in the market. 25 years is a testament of trust and personal relations and the key how to operate successfully together from opposites of the globe. Has even more been a trust testament the last 2 years, where we obviously sadly have had no personal and physical contact. But the relationship is as strong as ever.



So a celebration was certainly in order and we had a great day, all together. Having a big traditional Chinese/Danish lunch - by video link.

Furthermore, the town mayor of Nykobing, Mr. Hans Ejner Bertelsen, who has met representatives from LIRR several times at the town hall, was present via live feed from his office.



LIRR / SIMONSEN



Old pictures for the 25 years were shared and video testimonials from now retired LIRR employees were shared.



A very touching and moving celebration!

While no substitute for personal meetings on such an occasion we still managed to have an absolutely great day that we will remember for ever.



GAD 2021

It was with great pleasure we could participate in the Gulf Aluminium Dinner held in Dubai in November. An event postponed from 2020, so eagerly anticipated by all participants.

It was very nice again to meet colleagues from the industry after a long time. The GAD is a unique opportunity to meet friends from the Gulf aluminium smelters and also here to catch up after long absence.



Dr. Andreas Sieverdingbeck and Dr. Rainer Gaebel, both Refratechnik, together with Klaus and Morten



The GAD is even becoming a tradition and as sponsors of the event we have the pleasure of inviting guests. We are proud to say our friends and partners from REFRATECHNIK again accepted the invitation and as always were part of our group.

We look forward to the next dinner in 2022 in Bahrain.

Enjoying life



Our panda SICA

Recently we received news of our sponsored SICA and her children from our contact at the Chengdu Research Base of Giant Panda Breeding:

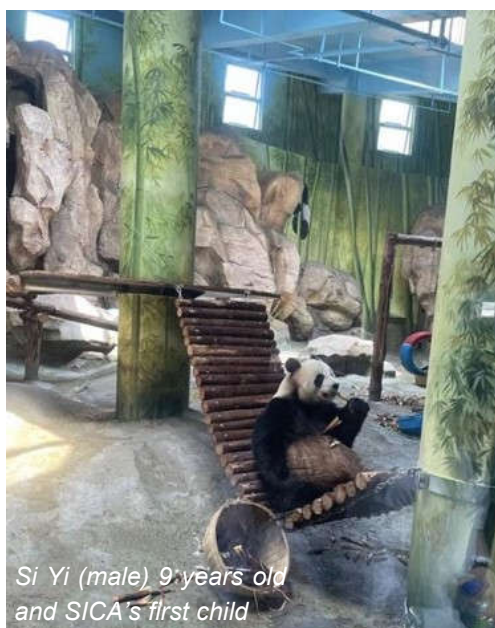
"Born: October 22, 2004
Current Living Place: Moon Nursery House

The panda SICA has a nickname "White glove aunt" and she is 17 years old this year. One year old panda is equivalent to 3.5 years old human, so SICA is equivalent to 60 years old human this year. Although she is getting older but under the careful care of her keepers SICA gradually changed her habit of eating picky food and she is still healthy and happy, so she still looks like a beautiful young lady!

She currently lives in the giant panda moon nursery house as well as her inside villa and outside playground on a rotating exhibition. Her current weight is 106 kg and she eats about 20 kg bamboo daily.

She is still acting as a child, eating slowly and behaving gracefully in general. She also eats apples, honey and panda cakes, which contain some trace elements needed by her body. She eats a panda cake almost in half an hour - very slowly. After eating she will lick her palms and stomach and never waste her panda cake at all. It is so funny that after eating she will go to the pool to "wash her hands" and we jokingly say: This is the secret why SICA is still nicknamed the "white glove aunt" for so many years.

SICA has a quiet, introverted personality and she likes to walk along the edge of the outside playground. In the playground there is a wooden frame connected to the hammock. After eating she likes to climb onto the wooden frame to sleep. Her classic sleeping style posture is to put her head on the belly, curl her body like a ball.



Even if you are unable to recognise SICA from her face and white gloves, you can recognise her through her sleeping posture!

The New Year is coming, we hope that SICA is healthy and happy. Best wishes to her and her children!"



Learning Danish

Most Danes love fish - not only as a meal but also in expressions.

You can give compliments or say that some-one is stupid All this by using the "right" kind of fish!

Line 1: The Danish expression

Line 2: Translation word by word

Line 3: Explanation in English

LEARNING DANISH FISHY BUSINESS	
DUM SOM EN TORSK [Stupid as a codfish] Very stupid	GÅ I FISK [Go in fish] Fail/Go wrong/Be unsuccessful
TRÆKKE TORSK I LAND [Drag/pull codfish to shore] Snore really loudly	IKKE EN RØD REJE [Not a red shrimp] No money at all
EN UNDERLIG FISK [A strange fish] A strange person	FRISK SOM EN FISK [Fresh as a fish] Fit as a fiddle/ Healthy
HAVE DET SOM EN FISK I VANDET [Have it like a fish in the water] Feel at home / feel on top of the world	EN LÆKKER SILD [A delicious herring] A beautiful woman
ÅLESLANK [Eel slim] Very, very slim	HVERKEN FUGL ELLER FISK [Neither bird nor fish] Not one thing or another
STÅ SOM SILD I EN TØNDE [Stand like herring in a barrel] Packed like sardines in a tin	DØD SOM EN SILD [Dead like a herring] Dead as a doornail



Hi there!



100 Years Anniversary



January this year the 100 years anniversary of the hotdog stand in Denmark was celebrated. In 1921 the first Danish hotdog stands sold their sausages on the streets of Copenhagen.



The hotdog stand is an important part of Danish culture with the quality of being able to gather people. It's all about cosiness and conversation between people - informal and a vital part of the Danish popular culture. Among Danes also known as "Restaurant Cold Feet", because you have to stand outside to eat.

Almost everyone eats hotdogs and the classic Danish hotdog comes with fried and raw onions, thinly sliced pickled cucumber and three kinds of sauces. In fact, Friday's lunch at the simonsen office is often enjoyed with take-away snacks from our local supplier!

Where Fairy Tales Come Alive



This summer a new Hans Christian Andersen museum opened in Odense, his birthplace on the Danish island of Funen and the little yellow corner house formerly known as H.C. Andersen's birth home will be part of the new museum. He was born in 1805 to poor parents before earning global fame for works including "The Little Mermaid", "The Ugly Duckling" and "The Nightingale" among many others.

The new museum does not tell Andersen's life story in a traditional way but is much more immersive: two thirds of the wood-and-glass museum is underground and comes alive through colour, texture, sound and light and revealing the airy Danish architecture of natural woods, floor-to-ceiling windows with art installations and labyrinthine gardens.



Focus is not on the person Andersen and his story but rather on the fairy tales he wrote and their voice.

Enjoy!

Nykøbing View



We wish you and your families a merry Christmas and a prosperous and happy 2022!

Warmest regards,
Morten

Klaus

A handwritten signature in blue ink that reads "MORTEN". The signature is stylized with a long, sweeping line that extends from the end of the name.

A handwritten signature in blue ink that reads "Klaus". The signature is stylized with several vertical, parallel lines that form the letters.