

TRI-WALL now!

【March Issue】

11th March, 2019

News from Tri-Wall Limited

The Headquarters of the TW Group

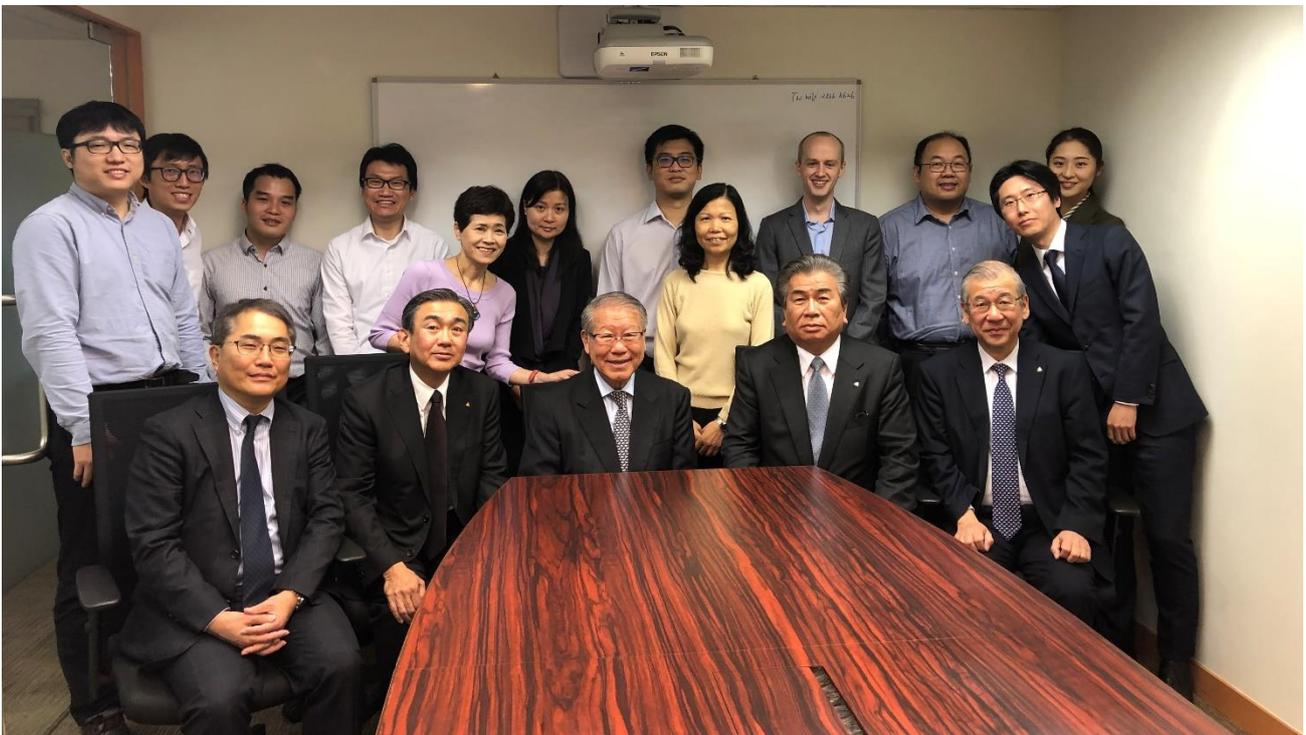


Senior Management Team of the Rengo Group Visited Tri-Wall Limited



One-Easy 2-Way Paper Pallet Competed for 2019 World Corrugated Award

Senior Management Team of the Rengo Group Visited Tri-Wall Limited



Front row from left:

Mr. Yoshizumi Nishi, Mr. Yosuke Kawamoto, Mr. Yuji Suzuki, Mr. Shigechika Ishida, Mr. Hirofumi Hori

March 7th, Hong Kong - A group of senior management officers from the Rengo Group visited Tri-Wall Limited, the headquarters of the Tri-Wall Group in Hong Kong. Members of the delegation included:

Mr. Shigechika Ishida, Representative Director and Executive Vice President, Rengo Co., Ltd.

Mr. Yosuke Kawamoto, Member of the Board and Senior Managing Executive Officer, Rengo Co., Ltd.

Mr. Hirofumi Hori, Member of the Board and Managing Executive Officer, Overseas Business Group, Rengo Co., Ltd.

Mr. Yoshizumi Nishi, Executive Officer and General Manager, Marketing Strategy Group of Packaging Business Unit, Rengo Co., Ltd.

(Above titles are effective from 1st April, 2019)

The delegation was warmly received by Mr. Yuji Suzuki (Chairman and CEO of the Tri-Wall Group), Ms. Keiko Tachibana (Chief Administrative Officer of the Tri-Wall Group) as well as members of the Tri-Wall Limited office. Mr. Suzuki was delighted to have the opportunity to exchange opinions with the senior management officers from Rengo. They had a brief meeting regarding the role Tri-Wall shall play as a member of the Rengo Group and future visions.

We were so pleased to have these honored guests present and took delight in introducing the staff and daily operations of the headquarters of the Tri-Wall Group. As Rengo advances toward their 110th anniversary in 2019, the Tri-Wall Group will work closely with the Rengo Group to achieve its aim of becoming the world's number one General Packaging Industry.



A lovely gift from Mr. Ishida - spice set from Japan! The packaging box was creatively designed by Mr. Ishida. All items inside - including *Shichimi* (seven spices powder), chili oil and chopped dried chilies - were carefully selected and matched by Mr. Ishida himself, making it a unique gift that you will find nowhere in the market.

Thank you so much, Ishida-san!

One-Easy 2-Way Paper Pallet Competed for 2019 World Corrugated Award



World Corrugated Awards is an international event co-organized by Reed Exhibitions and corrugated industrial associations from all over the world. This event is designed to select the most pioneering design, marketing, management and social responsibility cases of the year to award the teams and individuals who have made outstanding contributions to the development of the global corrugated industry.

This year, we are proud to have One-Easy 2-Way Paper Pallet from Tri-Wall Singapore enrolled in the competition for the Design Innovation Award. After a month of voting, we received over 20,974 votes in total and ranked in 3rd place. A big thanks to everyone who offered their votes and support! In April, the top 3 designs will be invited to attend an award ceremony that will be held in Shanghai, China.

It is an achievement which was made possible with the support of everyone who has voted for us. Therefore, the honor goes to all of you. Great thanks again for your valuable vote!

News from Tri-Wall SEA

Tri-Wall Asia: Providing Tri-Wall Solutions to Asia's Tiny Giant

- Chinese New Year Celebrations at Singapore
- A Good Start to 2019 – New Order Came!
- We Made It - Thanks for Your Vote!
- Tri-Wall on TV

Chinese New Year Celebrations at Singapore

May the year of the pig be a year that brings you joy, laughter and positive energy!

Wishing our Tri-Wall Group another prosper year ahead! Something good will happen to you in 2019 - believe and receive!

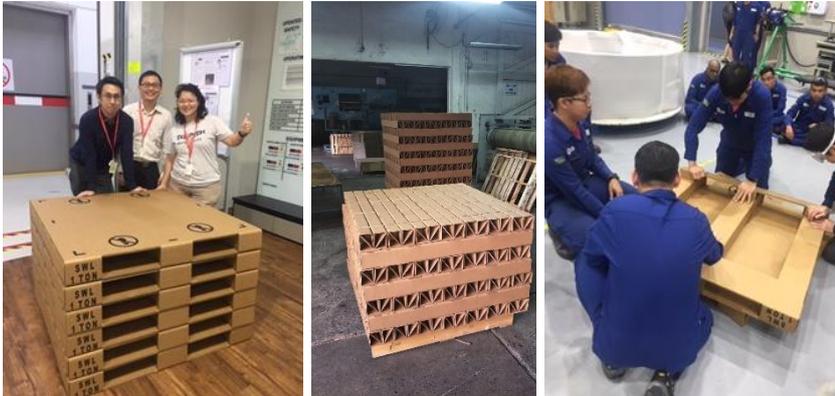


Annual Appreciation lunch with Tat Seng Group. Tat Seng has been supporting our export containers to Batam, Indonesia. They also purchase Tri-Wall heavy-duty board from our Thailand corrugation plant as part of their portfolio of products ranging from conventional boards to heavy-duty corrugated boards.

Chinese New Year Dinner organized by Corrugated Box Manufacturer's Association (CBMA). It is good to network to understand market trends and to meet new SMEs (small & medium enterprises) that we may collaborate with.



A Good Start to 2019 – New Order Came!



We celebrated a good start to 2019 by receiving **an order of 100 sets** for our TW ONE-EASY 2-Way Paper Pallet!

We are so encouraged that our innovation piece has been endorsed. In fact, Singapore Aero Engine Services Private

Limited (SAESL) is using the premium grade. We have proved **Creating Value Through Innovation** – They appreciate our innovation and our enthusiasm to go GREEN, save the earth. They are going to use our TW ONE EASY Pallet to replace their plastic pallets in their warehouse.

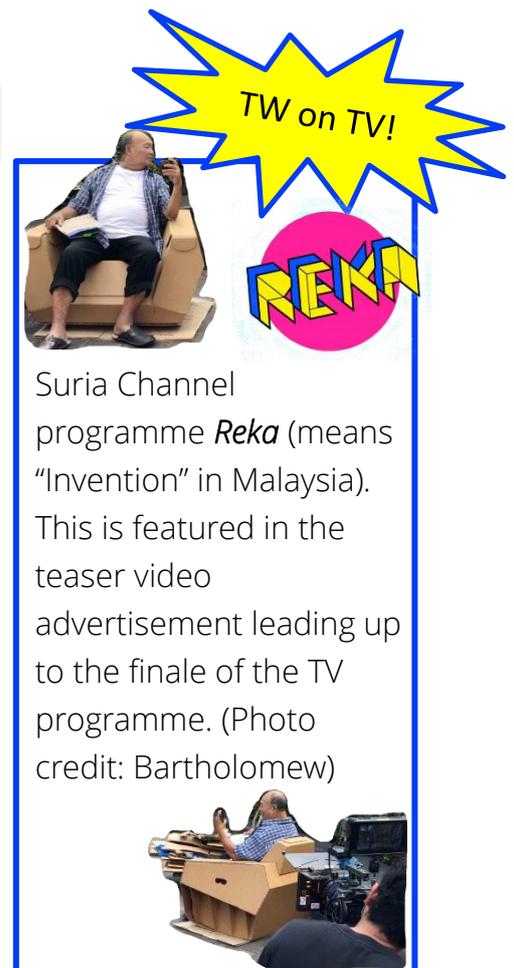
We Made It - Thanks for Your Vote!



With the support of Joan and Cecilia from Tri-Wall Limited, Public Relations and Communication, we have successfully submitted our TW ONE-

EASY 2-WAY PAPER PALLET for the World Corrugated Award 2019 under the Design Innovation Award. The Singapore Team is very honoured to be able to represent the Tri-Wall Group for this award.

Thank you all for your encouraging words and votes for us to stay in the TOP 3!



Suria Channel programme *Reka* (means "Invention" in Malaysia). This is featured in the teaser video advertisement leading up to the finale of the TV programme. (Photo credit: Bartholomew)

News from Tri-Wall SEA

Tri-Wall Vina: Tri-Wall's Newest Member in Asia

- 👉 Tri-Wall Vina – Happy New Year 2019!
- 👉 Vietnam Traditional *Tet* (New Year)
- 👉 Training Feedback from Tri-Wall Vina Team

Tri-Wall Vina – Happy New Year 2019!

2018 was a volatile year for TW Vina - we worked together very hard and got orders from a lot of new customers. Our service as well as product quality were always appreciated. We look to build upon on service and product offerings in 2019, another 12 months which promise to be a great year with many changes yet to be experienced by TW Vina. In a warm and joyous atmosphere, we had our 2018 year-end party.

Making a toast to the New Year. It's party time!



Message from Oka-san to the members of Tri-Wall Vina



Activities at the party

Vietnam Traditional *Tet* (New Year)

The Lunar New Year is also known as traditional *Tet* for Vietnamese people. It is an occasion for families to gather and reunite together after a year of hard work. For people in Vietnam, the Lunar New Year is the biggest and most important holiday of the year. In 2019, *Tet* lasted from February 2nd - 10th. Many special delicacies are made for *Tet* feasts, such as stuffed sticky square cake, Vietnamese sausage, sticky rice and jam. These foods are an interesting way to reflect Vietnam's traditions and customs.

Bánh chưng - stuffed sticky rice cake - is the most popular cake for the *Tet* holiday. It is made of sticky rice, pork and green beans with all ingredients being wrapped inside a special leaf which is called *Lá Dong*. The rice and green beans have to be soaked in water for a day. The pork is usually seasoned with pepper and salt for hours. *Bánh chưng* is boiled for 6 to 8 hours. Nowadays, families in villages still maintain the tradition of making stuffed sticky rice cakes before the Lunar New Year. But for city people, they will just buy cooked ones at shops because they don't have time to make it.



Training Feedback from Tri-Wall Vina Team

Last month, Tri-Wall Vina sent 2 representatives, Mr. Than from the production team and Mr. Tu from the machine maintenance team, to participate in a training session held in Thailand. Here is their feedback about this training session.



“This training is very useful for us - We had the opportunity to look directly at the corrugated process as well as the production line, especially some of the machines used in production to improve productivity such as automatic printers and the cap line maker (These devices are currently not applied at TWVN).

We will share this useful knowledge to all TWVN's members. Here are some pictures I took during the factory tour.”

By Dang Quang Than (Production Leader)



News from Malaysia

Meeting High-Tech Industry Demands
with Innovative Packaging Solutions

- 🚩 Tri-Wall Malaysia CSR Activity
- 🚩 Tri-Wall Malaysia 2018 Annual Dinner
- 🚩 5S On the Way!

Tri-Wall Malaysia CSR Activity – Cleaning the Beaches



January 26th, Perak - As part of our responsibility to protect the environment, we started 2019 with a very good cause, “Cleaning the Beaches” of Telok Batik, Lumut, to make it a better place for everyone. TW Malaysia went to the next level in fulfilling its CSR goals, as stated in Tri-Wall Group’s Charter of Corporate Behavior & Responsibility.

Great Job, everyone! We are proud to be a part of the Tri-Wall Group!

Tri-Wall Malaysia 2018 Annual Dinner



January 26th, Perak - It was a wonderful evening to celebrate the beginning of a new year with our annual dinner and company trip which was carried out in style.

The evening started with a speech from our General Manager, Mr. Shuhairi, in which he reminded us to work even harder to meet the

demanding challenges ahead in 2019. He thanked everyone for their contribution in 2018 and wished them all good luck in 2019.

It was a fabulous night for every employee who enjoyed the food and games presented during the event. It was indeed an evening of recognition for the employees of TW Malaysia for their contribution in 2018.

Awards were given to outstanding employees at every level as recognition for their excellent work, including long service awards which were given by Mr. Shuhairi in person.



There were two special prizes that night - the "Best Dress Award" for both male & female groups. Thus, everyone dressed up in their best attire for the night.



The celebration did not stop there, it continued the following day with fun and enjoyment. Activities including tally match, tug-of-war and team building games were prepared by the committee.

It was indeed a day to cherish for all employees. Hope there will always be wonderful moments at Tri-Wall for us to remember!

5S On the Way!



As an ongoing 5S Continuous Improvements plan, TW Malaysia never stops on its way to make changes and improvements for a better & safe working place.



With the assistance from Mr. Yamaguchi and Mr. Liang from Tri-Wall Limited, a lot of improvements could be seen in our facility. Sincere thanks to the two gentlemen for their kind advice and help!

News provided by Lee Lee from Tri-Wall Malaysia

News from Tri-Wall Europe
Tri-Wall Europe: Offering Tri-Wall
Across Many Nations, Many Cultures

 **Tri-Wall in Media:**
Special Report in *Automotive Logistics*

Tri-Wall in Media: Special Report in *Automotive Logistics*

In the Packing FF4Y Event hosted by Tri-Wall Austria last November, Mr. Krenar Komoni, one of the guest presenters, introduced a high-tech logistic tracer which showcased the application of IoT (Internet of Things) in the logistic industry. Recently, *Automotive Logistics*, a brand which provides magazines, conference planning and online news, posted an article about this tracer in its website in which Tri-Wall Austria was highlighted. Since *Automotive Logistics* magazine goes to a large number of OEM procurement executives, this report will be a good opportunity to attract potential enquiries for Tri-Wall.

Here we would like to share the entire article with all Tri-Wall people - for the purpose of not only sharing the joy of increased brand awareness, but also bringing you certain inspirations in this age of technology.

How IoT is the Next Step in Tracking Automotive Components

26 February 2019 | Agron Galimuna and Krenar Komoni



Mr. Krenar Komoni
CEO and founder of Tive

As vehicles incorporate more new technologies and highly sophisticated components, it has become increasingly complicated and expensive to ship these parts. Consequently, the risks for OEM shipments have increased proportionately. A sea container packed with \$20,000 worth of car engines may take six weeks, or even longer, to travel from its point of origin to its destination – and ensuring that it arrives on time and undamaged is of utmost importance.

What, historically, has the automotive industry done to mitigate parts damage throughout the supply chain?

Back in the 1990s, while working as a materials handling engineer for Chrysler Corporation in Auburn Hills, Michigan, Agron Galimuna, now of Tri-Wall Austria Packaging Systems, was



Mr. Agron Galimuna
MD of Tri-Wall Austria

part of a Chrysler team that collaborated with counterparts from General Motors and Ford to build a test laboratory where the 'Big Three' could simulate packaging and shipping scenarios for the automotive industry. The mission of their joint research was to identify hypothetical supply chain problems and avoid costly packaging and shipping mistakes.

Fitted out with everything from an elaborate shake table to deep freeze refrigeration, the lab enabled the OEMs to replicate real-world variables, such as temperature, humidity, and mechanical motion, which can impact the quality of a product on arrival. Both the lab and the testing, however, were extremely expensive, and the data generated merely projected possible trouble spots; it never pretended to offer real-time guidance.

More than 20 years later, the automotive industry is poised for a revolution in its materials handling practices, to which Tri-Wall can attest as a provider of packaging and logistics services to OEMs such as BMW, Toyota and JLR. New technologies like Internet of Things (IoT), Cloud and mobile GPS tracking are coming together to create real-time monitoring capabilities that allow vehicle-makers to track components from the assembly line, throughout the logistics journey, to the product's arrival at its final assembly point.

With real-time visibility into variables such as temperature, humidity and motion, vehicle-makers can capture potentially harmful incidents as they happen and quickly make corrections. Both the shipper and their logistics partners also have the ability to capture a detailed profile of temperature, humidity and motion data throughout the container's journey. This information can then be processed with root cause analysis that identifies the exact time and place of real-time problems and presents opportunities for future avoidance.

Holding logistics companies to account

In addition, real-time exception analysis makes it perfectly clear who is responsible for a shipment when an incident does occur. If a container is dropped and the product damaged, the product owner can see exactly where the accident happened and who was responsible.

Similarly, if a container was left sitting on a dock in salty air for several weeks, that data can shed light on the root cause when the container is opened and rust damage is discovered. The manufacturer can use the comprehensive location data to seek recompense from the responsible shipper. With the tools to measure these exceptions, instead of just asking "Why are my parts rusted?" the manufacturer can ask instead: "Why was my container

sitting for six weeks on a dock?”.

Alternatively, the system may detect rough handling of the container during a particular time frame in a particular place. This may prove that the shipments were deliberately transported during a storm when the responsible course would have been to avoid it.

These systems can detect material handling aberrations with other transportation modes, too. For instance, air freight, which is the fastest but also most expensive mode of transport, unfortunately has the reputation for being the most physical challenging. However, with IoT tracking systems, we finally have a way of ensuring that these high-cost transports actually pay.

To be truly effective, IoT monitoring technology needs to be easy for everyone to use, as demonstrated during recent testing of a new IoT tracking product at a vehicle-maker in Austria. In this test, a sensor was attached to a car battery which was mounted on a forklift that was run over rough terrain to monitor the impact on the battery in real time. The IoT sensors quickly delivered a signal that showed up on a computer screen every time an impact occurred and the progress of the battery across the shop floor was easily tracked.

With easy-to-use and effective applications such as these, IoT technology promises to make a big impact in the near future on how automotive manufacturers maintain the quality of their products throughout the supply chain.

Article link:

<https://automotivelogistics.media/opinion/iot-next-step-tracking-automotive-components>

2019 March Public Holiday Calendar

2019 March						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Korea-Independence	2
3	4	5 India-Maha Shivaratri	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21 Japan-Vernal Equinox Day	22	23
24	25	26	27	28	29	30
31						

The above office holidays are subject to change.

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Tell me and I forget. Teach me and I remember. Involve me and I learn. - Xunzi (Chinese Confucian philosopher)

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