

madah kita

A newsletter for Customers, Business Partners and Employees
Berita untuk Pelanggan, Rakan Perniagaan dan Pekerja

Trienekens (Sarawak) Sdn. Bhd. 199901010396 (485296-V)

Special Edition (July - December 2019)

**20th Anniversary Celebration
promotes Environmental Education
& Awareness**



**Moving forward towards a
Circular Economy**



Group CEO's Message

Warkah CEO Kumpulan

Mr. Stephen Chin

Salam Sejahtera!

The year 2019 marked Trienekens' 20th anniversary in Sarawak, and we recently concluded our year-long celebration with our Anniversary Staff Gala Dinner in December.

The key operating principle of the Integrated Waste Management System has always been to eliminate the negative effects arising from waste to both the environment and society. It is heartening to see how we have developed and progressed over the past two decades, from our start as a municipal waste collector to being a full-fledged service provider. Our holistic, modern waste management system now includes a digital logistics system, a Waste Oil Distillation Plant, an ISO 17025 Certified Laboratory, a Level 4 Sanitary Landfill, Secure Landfill, Two Hazardous Waste Incineration Plants, and a Leachate Wastewater Treatment Plant among others. Trienekens Sarawak is also certified with ISO 9001 for Quality Management, ISO 14001 for Environment, and ISO 45001 for Occupational Health and Safety.

None of our achievements would have been possible without the strong support of the Sarawak Government, our partners from the City Councils, environmental agencies, customers, contractors, members of the public and of course, our dedicated team members.

Bearing in mind that treating waste as a resource and developing a circular economy are key approaches for environmental preservation; moving forward, we aim to transform our business model with the vision that we can collectively contribute towards developing a truly sustainable Sarawak.

We commemorated our 20th Anniversary with a series of events including a corporate gala dinner as well as holding an inter-school environmental programme for schools, which ran from June till August 2019. The "Greenovation School Programme" aimed to create better awareness about environmental sustainability and consisted of three-sustainability themed competitions namely the "Greenscape Upcycling Competition", the "Young Greenovators Upcycling Competition" and the "Green Runway Competition". Read more about Trienekens' 20th Anniversary events in this special issue of Madah Kita.

As we celebrate the 20 fantastic years gone by, there remains much to be done. There is no such thing as the right time to start on environmental preservation. The time to act is now and with eager anticipation and energised by the opportunities presented to us, we shall strive to further enrich the lives of all the people in the communities we serve.

Thank you.

Salam Sejahtera!

Tahun 2019 menandakan ulang tahun Trienekens yang ke-20 di Sarawak, dan sambutan ulang tahun telah kita raikan dan akhiri bersama Disember lepas di Majlis Makan Malam Ulang Tahun Gala Staff.

Prinsip utama operasi Sistem Pengurusan Sisa Bersepada adalah untuk mengurangkan kesan negatif sisa ke atas alam sekitar dan masyarakat. Amat menggembirakan apabila kita dapat menyaksikan bagaimana kita telah membangun dan berkembang sepanjang dua dekad ini, bermula sebagai pengumpul sisa perbandaran sehingga menjadi pembekal perkhidmatan penuh. Sistem pengurusan sisa moden, holistik kini merangkumi antaranya sistem logistik digital, sebuah Loji Penyulingan Sisa Minyak, sebuah Makmal bersijil ISO 17025, sebuah Tapak Pelupusan Sanitari Tahap 4, Tapak Pelupusan Terkawal, dua buah Loji Insinerator Sisa Berbahaya, dan sebuah Loji Rawatan Air Resapan. Trienekens Sarawak juga diperakui dengan ISO 9001 untuk Pengurusan Kualiti, ISO 14001 untuk Alam Sekitar dan ISO 45001 untuk Keselamatan dan Kesihatan Pekerjaan.

Segala kejayaan kita tidak mungkin tercapai tanpa sokongan padu dari Kerajaan Sarawak, rakan-rakan kita dari Majlis Bandaraya, agensi-agensi alam sekitar, pelanggan-pelanggan, kontraktor-kontraktor, anggota masyarakat dan tidak ketinggalan, anggota pasukan kita yang berdedikasi.

Menyedari bahawa sisa harus diurus sebagai satu sumber dan membangun sebuah ekonomi pusing merupakan pendekatan utama untuk alam sekitar; kita akan maju ke hadapan dan berusaha untuk mengubah model perniagaan kita dengan wawasan untuk mewujudkan Sarawak yang lestari sepenuhnya.

Ulang Tahun ke-20 ini telah kita raikan melalui beberapa acara termasuk menganjurkan majlis makan malam gala korporat dan satu program alam sekitar untuk sekolah-sekolah yang telah berlangsung dari Jun hingga Ogos 2019. "Program Greenovation Sekolah" bertujuan untuk meningkatkan kesedaran tentang kelestarian alam sekitar dan ia terdiri daripada tiga pertandingan bertemakan kelestarian iaitu "Pertandingan Upcycling Greenscape", "Pertandingan Greenovators Muda" dan "Pertandingan Runway Hijau". Teruskan membaca tentang acara-acara Ulang Tahun ke-20 ini di dalam isu istimewa Madah Kita ini.

Dalam kita meraikan kejayaan sepanjang 20 tahun ini, masih banyak yang kita perlu lakukan. Tiada istilah masa terbaik untuk memulakan pemeliharaan alam sekitar. Masa untuk bertindak adalah sekarang dan dengan semangat dan bertengagkan peluang-peluang yang diberikan kepada kita, kita akan terus memperkayakan kehidupan komuniti yang menerima perkhidmatan kita.

Terima kasih.

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The History & Milestones of Trienekens (Sarawak) Sdn Bhd

Sejarah & Pencapaian-pencapaian Trienekens (Sarawak) Sdn Bhd

Back in the 1990s, the Sarawak State Government had the foresight to recognise that the trending socio-economic growth along with the State's progressive development plans would soon necessitate the need for a much more complex waste management system than what was (then) in place. Subsequently in 1998, the Sarawak State Government signed a Joint Venture Agreement with international waste management expert Trienekens GmbH of Germany, leading to the formation of concession holder, Sarawak Wastes Management Sdn Bhd (SWM).

SWM later appointed Trienekens (Sarawak) Sdn Bhd as the operator to develop, implement and operate Sarawak's Integrated Waste Management System (IWMS) – this unique System successfully integrates the collection, transportation, treatment and disposal of municipal and scheduled waste (including commercial, hazardous and pathological waste), firmly setting Trienekens as South East Asia's leading company in the business of environmental and waste management.

Founding Chairman of Trienekens Sarawak, Jürgen Pickenhagen was essential in setting up the first Integrated Waste Management System in the State. He recalled, "The key operating principle of the System is the elimination of negative effects arising from waste, to both the environment and the society, while preserving natural resources and rendering services of the highest standards to customers. Such responsibility begins at the point of waste generation and collection, be it a domestic dwelling or a multinational industrial player. In the beginning, it took a lot of educational and awareness activities to inform

the public of the new system, the new disposal facility and the benefits of an integrated environmental management system."

Reflecting on the Trienekens Group's global development spanning over 90 years of business, founder of Trienekens GmbH, Hellmut Trienekens says, "The expansion of the Group's waste management ventures over the years including diverse innovation in the fields of waste treatment, disposal and recycling throughout Europe and Asia has been remarkable. But the aspect I find most inspiring to this day is the extraordinary spirit of solidarity among the employees. More than anything else, this has encouraged and motivated me over the years, as I believe this sense of everyone contributing towards achieving the organisation's mission in environmental protection has been crucial to our Group's success."

Chief Executive Partner of Trienekens GmbH, Rebecca Trienekens-Domrös added, "The Trienekens Group collectively works towards one goal – that is to devise long-term sustainable waste management solutions that help conserve natural resources for future generations. All our waste management ventures serve this goal, as do the many innovations in the field of recycling and waste management technologies. Today, Trienekens is a global operating company at the leading edge of the waste management industry. Of course none of our successes would have been possible without the strong support of our municipal and private partners, government agencies, the general public, and of course, our valued team members all over the world."





On the company's way forward, Trienekens' Group Chief Executive Officer (CEO), Stephen Chin says, "The main objective of any modern waste management system is to protect the public and the environment from the potential harmful effects of waste. While proper waste management can ensure that waste is taken care of in a manner which eliminates all adverse impacts (especially the negative effects on the atmosphere and ground water); every individual, business or organization must make conscientious decisions and take responsibility regarding the management of their waste." He added, "We will continue to work closely with the relevant stakeholders such as government agencies and private sectors to ensure continued compliancy, and to facilitate the development of waste management, reduction and recycling programmes. In the near future, we also hope to explore other avenues of waste technology; such as studying alternative uses of waste, functional up-cycling, energy recovery and more."

Within Sarawak, Trienekens provides residential, industrial, municipal and commercial waste management services for areas under the jurisdictions of three local Councils in the city of Kuching i.e. Kuching North City Hall, Kuching South City Council and Padawan Municipal Council, as well as part of the Serian District Council. The Company also provides comprehensive services for hazardous waste throughout East Malaysia i.e. the States of Sarawak, Sabah and the Federal Territory of Labuan.

Trienekens also manages and operates the Kuching Integrated Waste Management Park (KIWMP) – an integrated facility for the treatment and disposal of municipal and hazardous waste. Sitting on a 112 hectare site, components of the Park include a Level 4 Sanitary Landfill, a Secure Landfill, a Leachate Wastewater Treatment Plant, two Hazardous Waste Incineration Plants, a Waste Oil Distillation Plant, and a full-service laboratory, among others. Trienekens Sarawak is also certified with ISO 9001 for Quality Management, ISO 14001 for Environment, and ISO 45001 for Occupational Health and Safety.

Chief Executive Partner of Trienekens GmbH, Joachim Domrös concludes, "Effective waste management is an integral part of urban environment infrastructure and development, to ensure a safe and healthy environment

while considering the promotion of sustainable economic growth. Beneficiaries are clearly the environment and the society, especially future generations, who hopefully will be able to enjoy a life with preserved natural resources free from contamination and health hazards."

Pada tahun 1990-an, Kerajaan Negeri Sarawak berpandangan jauh dan telah menjangkakan bahawa perkembangan sosio-ekonomi yang kian meningkat selari dengan rancangan-rancangan pembangunan Negeri yang berkembang pesat akan memerlukan kewujudan sistem pengurusan sisa yang lebih kompleks berbanding sebelumnya. Lantaran itu, pada 1998, Kerajaan Negeri Sarawak telah menandatangani Perjanjian Usahasama dengan pakar pengurusan sisa antarabangsa Trienekens GmbH dari Jerman, dan membawa kepada penubuhan pemegang konsesi Sarawak Wastes Management (SWM) Sdn Bhd.

SWM kemudiannya melantik Trienekens (Sarawak) Sdn Bhd sebagai operator untuk membangun, melaksana dan mengendali Sistem Pengurusan Sisa Bersepadu Sarawak – Sistem unik ini telah berjaya menyepadan kutipan, pengangkutan, rawatan dan pelupusan sisa perbandaran dan terjadual (termasuk sisa komersil, berbahaya dan patologi), mengukuhkan kedudukan Trienekens sebagai sebuah syarikat Asia Tenggara yang utama dalam perniagaan pengurusan sisa dan alam sekitar.

Pengerusi Pengasas Trienekens (Sarawak), Jürgen Pickenhagen berperanan penting di dalam penubuhan Sistem Pengurusan Sisa Bersepadu yang pertama di dalam Negeri. Beliau mengimbah, "Prinsip utama operasi Sistem ini ialah untuk menyingkirkan sebarang kesan-kesan negatif sisa ke atas alam sekitar dan kesihatan awam; dan pada masa sama, memelihara sumber-sumber alam semulajadi dan menyediakan perkhidmatan yang berkualiti tinggi kepada para pelanggan. Tanggungjawab ini bermula dari titik penghasilan sisa dan pengangkutan, baik di rumah dan industri multinasional. Pada mulanya, banyak aktiviti pendidikan dan kesedaran yang dijalankan



SPECIAL FEATURE / RENCANA KHAS

untuk memaklumkan orang awam tentang sistem baru, kemudahan pelupusan baru dan faedah-faedah sistem pengurusan sisa bersepada.”

Mengenang kembali pembangunan perniagaan global Kumpulan Trienekens sepanjang 90 tahun, pengasas Trienekens GmbH, Hellmut Trienekens berkata, “Perkembangan usahasama pengurusan sisa Kumpulan selama ini, termasuk inovasi di dalam bidang rawatan, pelupusan dan kitar semula sisa di sekitar Eropah dan Asia adalah luar biasa. Namun aspek yang amat menggalakkan bagi saya hingga ke hari ini adalah semangat perpaduan yang luar biasa di kalangan para pekerja. Ini telah memberikan galakkan dan motivasi kepada saya, lebih daripada yang lain kerana saya percaya bahawa sumbangan setiap anggota itu dalam mencapai misi pelindungan alam sekitar organisasi amatlah penting dalam menentukan kejayaan Kumpulan.”

Ketua Rakan Eksekutif Trienekens GmbH, Rebecca Trienekens-Domrös menambah, “Kumpulan Trienekens bekerjasama ke arah satu matlamat – iaitu membangunkan penyelesaian-penyelesaian pengurusan sisa yang lestari secara jangka panjang untuk memelihara sumber-sumber asli demi generasi hadapan. Semua usahasama pengurusan sisa kami mendokong matlamat ini, seperti mana kebanyakannya inovasi di dalam bidang teknologi kitar semula dan pengurusan sisa. Hari ini, Trienekens adalah sebuah syarikat operasi global yang utama di dalam industri pengurusan sisa. Sesungguhnya, kejayaan-kejayaan kami ini tidak mungkin terhasil tanpa sokongan kuat dari rakan-rakan dari majlis perbandaran dan swasta, agensi kerajaan, orang awam and anggota-anggota pasukan kami dari seluruh dunia.”

Dalam merancang masa hadapan syarikat, Ketua Pegawai Eksekutif Trienekens (CEO) Stephen Chin berkata, “Objektif utama mana-mana pengurusan sisa yang moden adalah untuk melindungi masyarakat dan alam sekitar daripada kemudaratkan kesan-kesan sisa. Sementara pengurusan sisa yang baik dapat mengurangkan impak-impak negatif (terutama kesan negatif ke atas atmosfera dan air bawah tanah); setiap individu, perniagaan atau organisasi harus membuat keputusan berhemat dan mengambil

tanggungjawab ke atas cara mereka mengurus sisa,” Tambah beliau, “Kita akan terus bekerjasama erat dengan pihak berkepentingan seperti agensi-agensi kerajaan dan sektor awam agar pematuhan diteruskan, dan untuk memudahkan program-program pengurusan, pengurangan dan kitar semula sisa. Dalam masa terdekat ini, kami juga akan meninjau pendekatan-pendekatan teknologi sisa; seperti mengkaji kegunaan alternatif sisa, fungsi-fungsi upcycling, perolehan tenaga dan banyak lagi.”

Di Sarawak, Trienekens menyediakan perkhidmatan mengurus sisa untuk kawasan-kawasan perumahan, industri, perbandaran dan komersil di bawah tiga majlis tempatan iaitu Dewan Bandaraya Kuching Utara, Dewan Bandaraya Kuching Selatan dan Majlis Perbandaran Padawan termasuk sebahagian daripada Majlis Daerah Serian. Syarikat juga menyediakan perkhidmatan mengurus sisa berbahaya yang komprehensif di seluruh Malaysia Timur seperti Sarawak, Sabah dan Wilayah Persekutuan Labuan.

Trienekens juga mengurus dan mengendali Taman Pengurusan Sisa Bersepada Kuching (KIWMP) – sebuah kemudahan bersepada untuk rawatan dan pelupusan sisa perbandaran dan berbahaya. Dengan keluasan 112 hektar, Taman ini terdiri daripada Tapak Pelupusan Sanitari Tahap 4, Tapak Pelupusan Terkawal, Loji Rawatan Air Resapan, dua Loji Insinerator Sisa Berbahaya, satu Loji Penyulingan Minyak Terpakai, dan sebuah makmal penuh. Trienekens Sarawak juga diperakui dengan sijil ISO 9001 untuk Pengurusan Kualiti, ISO 14001 untuk Alam Sekitar, dan ISO 45001 untuk Kesihatan Pekerjaan dan Keselamatan.

Ketua Rakan Eksekutif Trienekens GmbH, Joachim Domrös menyimpulkan, “Pengurusan sisa yang efektif adalah sebahagian penting daripada infrastruktur persekitaran dalam bandar dan pembangunan kerana ia memastikan alam sekitar yang selamat dan sihat sementara menggalakkan perkembangan ekonomi yang lestari. Faedah-faedahnya nanti sudah tentunya akan dinikmati oleh alam sekitar dan masyarakat, terutama generasi hadapan, di mana mereka akan menjalani kehidupan dengan sumber-sumber alam yang terpelihara bebas dari pencemaran and bahaya-bahaya kesihatan.”



Hellmut Trienekens

Founder of Trienekens GmbH (Germany)
Pengasas Trienekens GmbH (Jerman)



Jürgen Pickenhagen

Founding chairman of Trienekens (Sarawak) Sdn Bhd
Pengasas Eksekutif Trienekens (Sarawak) Sdn Bhd



Stephen Chin

Trienekens' Group Chief Executive Officer (CEO)
Ketua Pegawai Eksekutif Trienekens



Rebecca Trienekens-Domrös

Chief Executive Partner of Trienekens GmbH
Ketua Rakan Eksekutif Trienekens GmbH



Joachim Domrös

Chief Executive Partner of Trienekens GmbH
Ketua Rakan Eksekutif Trienekens GmbH



1998 Signing of Joint Venture Agreement
Menandatangani Perjanjian Usahasama



1999 Trienekens Sarawak commences business operations
Trienekens Sarawak memulakan operasi perniagaan



2005 Opening of Bintulu Branch
Penubuhan Cawangan Bintulu



2004 • Operation of Kuching Integrated Waste Management Park (KIWMP) commences
KIWMP mula beroperasi
• Launching of Scheduled Waste Management services
Pelancaran perkhidmatan Pengurusan Sisa Terjadual



2014 Launching of Second Hazardous Waste Incineration Plant
Pelancaran Loji Insinerator Sisa Terjadual Kedua



2019 Commissioning of new Distillation Plant
Pentaulahan Loji Penyulingan baru





Development Milestones

- 1999: Trienekens (Sarawak) Sdn Bhd commences business operations.
- 2000: Introduction of the Integrated Waste Management System (IWMS) in the State, and upgrading of waste management Logistics System (i.e. changing to wheel bins, use of proper waste compactor trucks, re-boundary etc.)
- 2004: - Operation of the Kuching Integrated Waste Management Park commences (i.e. Sanitary Landfill, Leachate Wastewater Treatment Plant, Hazardous Waste Incineration Plant and Laboratory).
- Launching of Scheduled Waste services throughout Sarawak, Sabah and WP Labuan.
- 2005: Opening of Trienekens Bintulu Branch.
- 2006: Gas flare operation commences.
- 2007: Safe closure of former Matang dumpsite.
- 2013: Recovery of landfill gas as supplementary fuel for Hazardous Waste Incineration Plant.
- 2014: Second Hazardous Waste Incineration Plant starts operations.
- 2015: Extended Leachate Wastewater Treatment Plant starts operations.
- 2018: - E-waste partial recovery operation commences.
- Implementation of live tracking system for all vehicles, or “In-vehicle Monitoring System”.
- 2019: Commissioning of new Distillation Plant.

Peristiwa-peristiwa Penting

- 1999: *Trienekens (Sarawak) Sdn Bhd memulakan operasi perniagaan.*
- 2000: *Pengenalan Sistem Pengurusan Sisa Bersepadu (IWMS) di Negeri, dan penaiktarafan Sistem Logistik pengurusan sisa (i.e. pertukaran tong beroda, penggunaan trak kompaktor yang sesuai, memperbaharui sempadan dsb.)*
- 2004: - *Operasi Taman Pengurusan Sisa Bersepadu Kuching bermula*
- *Pelancaran perkhidmatan Sisa Terjadual ke seluruh Sarawak, Sabah dan Wilayah Persekutuan Labuan.*
- 2005: *Penubuhan Trienekens Cawangan Bintulu.*
- 2006: *Operasi gas nyalaan api bermula.*
- 2007: *Tapak pembuangan Matang yang lama ditutup dengan selamat.*
- 2013: *Perolehan gas tapak pelupusan sebagai tenaga tambahan untuk Loji Insinerator Sisa Terjadual.*
- 2014: *Loji Insinerator Sisa Terjadual Kedua mula beroperasi.*
- 2015: *Loji Tambahan Rawatan Air Sisa Resapan mula beroperasi.*
- 2018: - *Operasi perolehan separa sisa elektronik bermula.*
- *Pelaksanaan sistem “IVMS” (sistem penjejakan langsung) untuk semua kenderaan.*
- 2019: *Pentaulihan Loji Penyulingan baru.*

From Disposal Site To Leisure Zone: The Second Life Of A Landfill

Dari Tapak Pembuangan ke Zon Riadah: Kehidupan Kedua Sebuah Tapak Pelupusan



In a recent visit to Germany, Trienekens (Malaysia) Sdn Bhd's Group CEO Stephen Chin and Deputy Group CEO Elvin Wee, observed the different waste disposal and recycling systems that are in practice in Europe and what becomes of a former landfill site.

Baru-baru ini, dalam satu lawatan ke negara Jerman, CEO Kumpulan Trienekens (Malaysia) Sdn Bhd Stephen Chin dan Timbalan CEO Kumpulan Elvin Wee, telah berpeluang meninjau beberapa sistem pelupusan dan kitar semula yang diamalkan di Eropah dan bagaimana sesebuah tapak pelupusan lama diubahsuai.

Once a landfill for construction and household waste, the now alpine sports and conference hotel, "Fire & Ice", is a 4-star hotel with an eye-catching, giant skiing hall standing 110 meters tall known as the Alpenpark Neuss. About one million people visit the remarkable active-leisure park every year, to ski or snowboard down the 300-meter long snow course; to play golf as well as to enjoy the many events and parties hosted at the hotel.

The visit to Germany was hosted by Rebecca Trienekens-Domrös and Joachim Domrös, the Chief Executive Partners of Trienekens GmbH, to share the possibilities of contemporary disposal and recycling systems. The hosts and visitors meeting up in Neuss out of all places was no coincidence: the former landfill site belonged (from 1975 until 2005) to the Trienekens Germany Group. For almost three decades the city of Neuss disposed of approximately 2.3 million tonnes of waste from the surrounding cities and communities. Following the closure of the landfill site, the rehabilitation back to nature and construction of the Alpenpark Neuss began.

Today, the 80-hectare site functions as a nature reserve. The repurposing of former disposal sites for something entirely different after the end of their lifespan is somewhat of a norm in Germany. In many places they become vacation

and leisure centres, with some being converted to research and innovation centres or solar parks.

The next part of their schedule brought them to EGN's facility in Niederrhein where they met Thomas Fremmer, who manages landfill operation on the remaining active part of Trienekens' former landfill site. Construction waste, gypsum and asbestos of up to 25,000 tonnes a year are disposed of here, making this EGN facility one of the circa 1000 landfills still in use in Germany today.

These landfills do not accept organic waste though. "Since 2005, it is against the law to dispose of such waste at landfills. They have to either be incinerated or biologically treated," explained Joachim Domrös during the site tour.

The group was brought to view a storage space for crushed concrete from construction waste. The concrete waste does not end up directly on the landfill: whenever possible, it gets crushed into grains with a diameter of less than 45 millimetres. "They're used in road construction, for instance", Fremmer explained. Bigger pieces however do end up in the landfill.

The visitors were then directed to the collection area for special household waste. In Germany, most households



not only divide their trash into the separate bins for organic and recyclables, but also send special waste to collection points for items such as scrap metal, gypsum waste, construction waste and residual waste like old paint, varnishes, medication, pesticides, batteries, fluorescent tubes and electrical waste; which are further subcategorised into 30 different disposal codes.

The group then visited a sorting facility for municipal waste where the waste is crushed before landing on conveyer belts. Here NIR (Near Infrared) technology is employed to differentiate and sort various contents. NIR refers to a spectrum range of 750nm to 2500nm not visible to the human eye. In this range of wavelengths, substance's typical patterns can be detected with light based on molecular vibration. Following this sorting process, remnants with high energy value are compressed into pellets (heat value of 15-25 MJ/kg) which are used as substitute fuel in energy production.

E-Waste Management

In Germany, most appliances are dismantled for recycling. A prime example of such operations can be seen at EGN's daughter company, NOEX in nearby Grevenbroich, which the group also visited. "Roughly 70,000 tonnes of old appliances are delivered each year", explained NOEX representative Axel Riemann. "Refrigerators, mobile phones, computers, CRT and Flat-Panel TVs, washing machines, stoves and much more. In 2016, 782,200 tonnes of electrical and electronic appliances were collected throughout Germany, which is almost 10 kilograms per resident. Approximately 90 percent ends up in the recycling loop."

During the tour of the NOEX site, majority of their 75 employees were seen busy with the disassembling process, partially a conventional method using tools such as hammers and screwdrivers. In this process they remove the recyclable components which are then separately sorted for instance copper cables, rubber cuffs and driver belts from washing machines, processors, computer memory units and batteries or fluid-drained radiators. For older model refrigerators, CFCs are extracted from the cooling circuit and insulation foam which then gets incinerated to prevent the environmentally hazardous substance from being released into the atmosphere. Part of the separated recyclables are marketed directly by NOEX and supplied to the respective processors. Through this process, roughly 20,000 tonnes of metal, amongst other things, gets to be used again.



Notwithstanding Recycling, Landfills Remain Relevant

In 2017, a total of 412.2 million tonnes of waste was generated in Germany. Municipal waste made up 51.8 million tonnes; 56 million tonnes of waste came from production and trade; and roughly 220 million tonnes from construction and demolition waste. 46.1 million tonnes ended up in one of the 1100 operational landfills in the country consisting mostly inert or non-recyclable waste. Germany's Landfill Ordinance in alliance with the TA municipal solid waste regulation, governs what is permitted to end up on a landfill site and also lists the requirements which a landfill has to meet and how it should be run.

A distinctive year for disposal companies in Germany was 2005. Since then it is generally only allowed to deposit pre-treated municipal waste at landfill sites. The pre-treatment separates recyclables like metals or minerals. Additionally, biodegradable or other organic waste gets separated and treated in mechanical-biological plant or local waste facility. This prevents landfill gas and highly concentrated leachate from forming. Many inorganic materials however still end up in a landfill.

Landfills are therefore still important in Germany. For this reason it is concurrently necessary that as much waste gets recycled or recovered. Minimising the waste that ends up in landfills will ensure that each site can stay in use for longer period of time.

Asalnya satu tapak pelupusan untuk sisa pembinaan dan perumahan, hotel sukan pergunungan dan persidangan, "Fire & Ice" ialah satu hotel bertaraf 4-bintang yang lengkap dengan satu dewan permainan ski yang besar dan menarik berketinggian 110 meter dikenali sebagai Alpenpark Neuss. Setiap tahun, lebih kurang satu juta orang melawat taman riadah aktif yang mengagumkan ini sama ada untuk bermain ski atau meluncur sepanjang haluan bersalji sehjauh 300 meter; bermain golf dan untuk bergembira di banyak acara dan parti-parti yang sering diadakan di hotel tersebut.

Lawatan ke Jerman tersebut telah dihoskan oleh Rebecca Trierenekens-Domröös dan Joachim Domröös, Ketua Rakan Eksekutif Trierenekens GmbH. Tujuan lawatan ialah untuk berkongsi pengetahuan tentang sistem-sistem pelupusan dan kitar semula yang kontemporari. Perjumpaan kedua-dua hos dan tetamu di Neuss bukanlah satu kebetulan:

tapak pelupusan lama tersebut pernah dimiliki oleh Kumpulan Trienekens Germany (dari 1975 hingga 2005). Selama tiga dekad, bandaraya Nuess telah melupuskan lebih kurang 2.3 juta tan sisa dari bandaraya-bandaraya dan masyarakat sekelilingnya. Dengan tertutupnya tapak pelupusan tersebut, proses pemulihan alam sekitar dan pembinaan Alpenpark Neuess kemudiannya bermula.

Hari ini, tapak berkeluasan 80-hektar ini berfungsi sebagai satu kawasan simpanan alam semulajadi. Pengubahan semula sesbuah tapak pelupusan lama kepada satu tempat yang amat berbeza di penghujung hayatnya merupakan perkara yang biasa dilakukan di negara Jerman. Di kebanyakan tempat, tapak-tapak ini menjadi pusat percutian dan riadah sementara di tempat-tempat lain, ia dijadikan pusat penyelidikan dan inovasi atau taman-taman solar.

Para pelawat kemudiannya dibawa ke satu tapak kemudahan milik EGN di Niederrhein di mana mereka telah berjumpa dengan Thomas Fremmer yang mengurus sebahagian operasi tapak pelupusan Trienekens yang masih aktif. Di sini, sebanyak 25,000 tan sisa pembinaan, gipsum dan asbestos dilupuskan di sini setiap tahun, menjadikan EGN sebagai salah satu dari 1000 tapak pelupusan yang masih digunakan di negara Jerman pada hari ini.

Namun begitu, tapak-tapak pelupusan ini tidak boleh menerima sisa organik. "Sejak 2005, pembuangan sisa tersebut adalah dilarang dari segi undang-undang. Ia mesti dibakar atau dirawat secara biologikal," terang Joachim Domrös semasa lawatan tersebut.

Rombongan pelawat kemudiannya meninjau satu ruang simpanan pecahan konkrit hasil daripada sisa pembinaan. Sisa konkrit tidak dibuang terus di tapak pelupusan: sekiranya perlu, ia akan dipecahkan menjadi butiran-butiran kecil berdiameter kurang daripada 45 milimeter. "Ia digunakan, contohnya, di dalam pembinaan jalan raya," jelas Fremmer. Ketulan-ketulan yang lebih besar pula dihantar ke tapak pelupusan.

Para pelawat kemudiannya beralih ke satu kawasan kutipan sisa perumahan khas. Di negara Jerman, kebanyakan kediaman bukan sahaja mengasingkan sisa mereka ke dalam tong yang berbeza untuk sisa organik dan boleh kitar semula, tetapi sisa-sisa tertentu akan dihantar ke pusat-pusat kutipan barang-barang khusus seperti serpihan besi, sisa gipsum, sisa pembinaan dan sisa residual seperti cat lama, varnis, ubat-ubatan, racun-racun, bateri-bateri, tiub berpendarflour dan sisa elektrik; yang kemudiannya akan dibahagikan lagi mengikut 30 kod pelupusan yang berbeza.

Seterusnya, rombongan melawat satu kemudahan mengasing sisa munisipal di mana sisa tersebut akan dihancurkan sebelum diletak di atas tali pengangkut. Di sini teknologi NIR (Near Infrared) digunakan untuk membezakan dan menyusun pelbagai bahan. NIR merujuk kepada julat lingkungan 750nm ke 2500nm yang tidak boleh dilihat dengan mata kasar. Dalam jarak gelombang ini, pola tipikal bahan tersebut dapat dikesan dengan cahaya berdasarkan getaran molekul. Melalui proses pengasingan ini, sisa-sisa yang memiliki nilai tenaga tinggi akan dimampatkan menjadi pelet (nilai haba 15-25 MJ/kg) di mana ia akan digunakan sebagai pengganti bahan api di dalam pengeluaran tenaga.

Pengurusan Sisa Elektronik

Di Jerman, kebanyakan peralatan ditanggalkan untuk dikitar semula. Contoh utama operasi seumpama ini dapat dilihat di sebuah anak syarikat EGN, iaitu NOEX yang terletak di Grevenbroich yang juga telah dilawati oleh anggota rombongan. "Secara kasarnya, 70,000 tan perkakas-perkakas lama dihantar ke sini setiap tahun," terang wakil NOEX Axel Riemann. "Peti sejuk, telefon mudah alih, computer, CRT dan TV pipih, mesin pemasuh, alat memasak dan banyak lagi. Pada 2016, lebih kurang 782,200 tan barang elektrik telah dikutip di sekitar negara Jerman, iaitu hampir 10 kilogram untuk setiap penduduk. Lebih kurang 90 peratus daripadanya berakhir di dalam lingkaran kitar semula."

Semasa meninjau tapak NOEX, kebanyakan daripada 75 pekerjaannya sibuk dengan proses penanggalan, sebagianya menggunakan cara konvensional seperti menggunakan tukul dan pemutar skru. Di dalam proses ini, mereka mengeluarkan komponen-komponen yang boleh dikitar semula yang kemudiannya diasingkan, seperti kabel tembaga, kafgetah dan tali pemacu daripada mesin pemasuh, pemproses, unit memori computer dan bateri-bateri atau radiator yang sudah diasingkan cecairnya. Untuk peti sejuk model lama, bahan CFC dikeluarkan dari litar penyejuk dan busa penebat yang kemudiannya akan dibakar bagi mengelakkan sebarang bahan berbahaya daripada mencemar alam sekitar dan atmosfera. Sebahagian daripada bahan dikitar semula dipasarkan terus oleh NOEX dan dibekalkan kepada pemproses berkaitan. Melalui proses ini, lebih kurang 20,000 tan logam, selain bahan-bahan lain, dapat diguna semula.

Walaupun Dengan Kitar Semula, Tapak Pelupusan Masih Relevan

Pada 2017, sebanyak 412.2 juta tan sisa dihasilkan di negara Jerman. 51.8 juta tan terdiri daripada sisa munisipal; 56 juta tan dari pengeluaran dan perdagangan; dan lebih kurang 220 juta tan dari sisa pembinaan dan runtuhan. 46.1 juta tan daripadanya, terdiri daripada sisa lengai atau tidak boleh dikitar semula, berakhir di 1100 tapak pelupusan yang sedang beroperasi di seluruh negara tersebut. Ordinan Tapak Pelupusan Jerman yang berkait dengan perundagan sisa pepejal municipal TA, menentukan jenis sisa yang dibenarkan dilupus di tapak pelupusan. Ia juga menyenaraikan keperluan-keperluan yang mesti dipatuhi oleh sesebuah tapak pelupusan dan cara ia diuruskan.

Tahun yang distingtif untuk syarikat-syarikat pelupusan di Jerman ialah 2005. Pada tahun ini, hanya sisa municipal yang sudah melalui proses pra-rawatan dibenarkan untuk dilupus di tapak pelupusan. Pra-rawatan ini melibatkan pengasingan bahan-bahan kitar semula seperti logam atau mineral. Tambahan pula, sisa yang boleh terurai atau organik diasingkan dan dirawat di loji mekanikal-biologikal atau kemudahan sisa tempatan. Ini mengelak penghasilan gas tapak pelupusan dan air resapan yang pekat.

Lantaran itu, tapak pelupusan di negara Jerman masih penting. Pada masa yang sama, kepentingan tersebut juga menyamai kepentingan untuk terus mengitar semula atau memperoleh semula sebanyak mungkin sisa. Mengurangkan jumlah sisa di tapak pelupusan dapat memastikan setiap tapak tersebut akan dapat digunakan untuk tempoh yang lebih lama.

Media Bowling Tournament Kick-Starts

Trienekens' Anniversary Celebration

Kejohanan Boling Media Buka Tirai Sambutan Ulang Tahun Trienekens



Press members with Trienekens' management team in a photocall.
Anggota media bersama pasukan pengurusan Trienekens bergambar.

In conjunction with Trienekens' 20th Anniversary Celebration, the company hosted a bowling tournament for members of the media. More than forty members of the local news fraternity took part in the tournament held at Megalanes Adventure World Emart Batu Kawa, Kuching.

Speaking at the event, Trienekens' Group CEO Stephen Chin thanked the media for their coverage and reports on the company's environmental education and public awareness efforts as well as reports on waste management issues.

Utusan Borneo was crowned overall champion while Utusan Sarawak and Malaysian News Agency (Bernama) were second and third respectively. Guests were later feted to lunch and a lucky draw session.

Sempena Sambutan Ulang Tahun Trienekens yang ke-20, syarikat telah menganjurkan kejohanan boling untuk anggota-anggota media. Lebih daripada 40 ahli media tempatan menyertai kejohanan tersebut yang diadakan di Megalanes Adventure World Emart Batu Kawa, Kuching.

Berucap di acara tersebut, CEO Kumpulan Trienekens Stephen Chin mengucapkan terima kasih kepada media di atas liputan dan laporan mereka tentang program-program pendidikan dan kesedaran alam sekitar syarikat termasuk isu-isu pengurusan sisa.

Utusan Borneo telah muncul sebagai juara sementara Utusan Sarawak and Berita Nasional Malaysia (BERNAMA) masing-masing mendapat tempat kedua dan ketiga. Para tetamu kemudiannya menghadiri jamuan tengahari dan mengambil Bahagian dalam sesi cabutan bertuah.



Team Utusan Borneo won the first prize. Trienekens' Group CEO, Stephen Chin (far left) presented them with their prizes.

Pasukan Utusan Borneo memenangi hadiah pertama. CEO Kumpulan Trienekens, Stephen Chin (hujung kiri) menyampaikan hadiah kepada pasukan pemenang.

“Greenovation” Programme Gives Waste New Life

Sisa Dapat Kehidupan Baru Melalui Program “Grennovation”



In conjunction with its 20th Anniversary celebrations, Trienekens (Sarawak) Sdn Bhd organised “Greenovation”, an inter-school level environmental programme for schools in Kuching City, which took off in June 2019 and ran till August that year.

Aimed to create better awareness about environmental sustainability, the programme consisted of three sustainability-themed competitions namely the “Greenscape Upcycling Competition”, the “Young Greenovators Upcycling Competition” and the “Green Runway Competition”. 44 teams from 25 schools participated in the competitions which were divided into primary and secondary school categories.

Students and teachers were asked to incorporate creative, practical and sustainable re-use of waste or discarded materials into the landscaping of their school compound and in the creation of upcycled products and costume designs.

Winners of the competitions were announced at a special prize presentation ceremony on 10 August 2019 at the Spring Shopping Mall where Mr Tan Kai, Political Secretary to the Chief Minister, represented YB Dato Sri Prof. Dr Sim Kui Hian, Minister of Local Government and Housing as the

Guest of Honour. Winners were presented with cash prizes of up to RM1500 each as well as trophies and certificates. Contestants also displayed their designs and products along with special school performances and a showcase by the Green Runway contestants.

Trienekens' Group CEO, Stephen Chin said that through the programme, the company was encouraging school students to generate innovative and creative ideas on how to reduce, reuse and recycle waste; while promoting awareness on sustainability through the creation of upcycled products or designs.

A special feature of the Greenovation School Programme was a mentorship segment where students and teachers had the opportunity to learn and get advice from industry experts. For this, Trienekens collaborated with Swinburne University of Technology, Universiti Malaysia Sarawak (UNIMAS) and Lim Kok Wing Institute of Creative Technology. The company also worked with the Ministry of Local Government and Housing, local government agencies Kuching North City Hall (DBKU), Padawan Municipal Council (MPP), Serian District Council (SDC), Natural Resources and Environment Board (NREB) Sarawak and the Department of Environment (DOE) Sarawak; who formed the competitions' judging panels.

SPECIAL FEATURE / RENCANA KHAS

Sempena sambutan ulang tahunnya yang ke-20, Trienekens (Sarawak) Sdn Bhd telah menganjurkan "Greenovation", satu program alam sekitar untuk sekolah-sekolah di Bandaraya Kuching yang berlangsung dari Jun hingga Ogos tahun lepas.

Bertujuan untuk meningkatkan kesedaran tentang pentingnya kelestarian alam sekitar, program tersebut terdiri daripada tiga pertandingan bertemakan kelestarian iaitu "Pertandingan Greenscape", "Pertandingan Greenovators Muda" dan "Pertandingan Runway Hijau". 44 pasukan daripada 25 buah sekolah telah menyertai pertandingan-pertandingan tersebut yang terbahagi kepada kategori sekolah rendah dan menengah.

Para pelajar dan guru telah diminta untuk menggunakan semula sisa atau bahan buangan semasa menghiasi taman sekolah mereka, mereka bahan-bahan baru dan kostum.

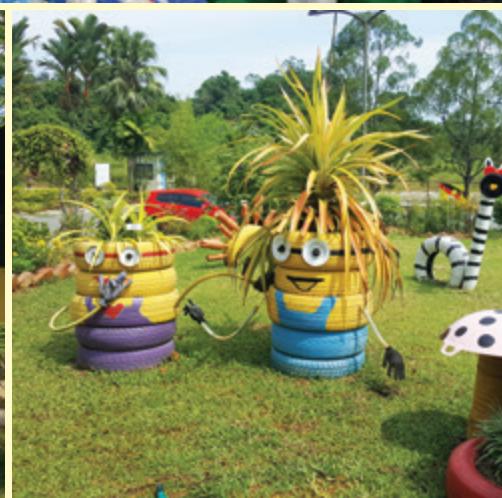
Pemenang-pemenang pertandingan diumumkan di satu majlis istimewa pada 10 Ogos 2019 di Pusat Membeli-belah The Spring yang dihadiri oleh wakil YB Dato Sri Prof. Dr. Sim Kui Hian Menteri Kerajaan Tempatan dan Perumahan, En. Tan Kai sebagai tetamu terhormat. Para pemenang telah menerima hadiah wang tunai sehingga RM1500 termasuk trofi dan sijil. Para peserta juga

berpeluang memamerkan rekaan dan barang mereka termasuk menyaksikan peragaan kostum oleh peserta-peserta Green Runway.

CEO Kumpulan Trienekens, Stephen Chin berkata melalui program tersebut, syarikat dapat menggalakkan para pelajar untuk melahirkan berbagai-bagai idea inovatif dan kreatif tentang cara mengurangkan, menggunakan semula dan mengitar semula sisa; sementara mempromosi kesedaran tentang kesedaran melalui barang atau rekaan 'upcycle'.

Ciri istimewa Program Sekolah Greenovation melibatkan satu segmen mentor di mana para pelajar dan guru berpeluang belajar dan mendapat nasihat dari para pakar industry. Untuk ini, Trienekens telah bekerjasama dengan Universiti Teknologi Swinburne, Universiti Malaysia Sarawak (UNIMAS) dan Institut Teknologi Kreatif Lim Kok Wing. Syarikat juga telah menjalin kerjasama dengan Kementerian Kerajaan Tempatan serta beberapa agensi kerajaan tempatan, Dewan Bandaraya Kuching Utara (DBKU), Majlis Perbandaran Padawan (MPP), Majlis Daerah Serian (MDS), Lembaga Sumber Asli dan Alam Sekitar (NREB) Sarawak, yang dijemput menjadi sebahagian dari panel hakim.





SWM and Trienekens Committed to Continue Developing and Innovating Waste Management Industry

SWM dan Trienekens Komited Untuk Terus Membangun dan Menginovasi Industri Pengurusan Sisa

Sarawak Wastes Management Sdn Bhd (SWM) and Trienekens (Sarawak) Sdn Bhd expressed their commitment to continue supporting and contributing towards community development, public awareness and environmental education. As the State progresses, the companies are able to effectively address evolving waste and environmental issues with in-depth knowledge, technological know-how and best industrial practices to ensure that precious natural resources remain intact and unpolluted.

The companies celebrated their 20th year anniversary of establishment at a special gala dinner graced by the Chief Minister of Sarawak, YAB Datuk Patinggi (Dr) Abang Haji Abdul Rahman Zohari bin Tun Datuk Abang Haji Openg as the Guest of Honour at the Borneo Convention Centre Kuching on 19 August 2019.

In his welcoming address, SWM Director and Trienekens' Group CEO, Stephen Chin said that over the two decades,

SWM and Trienekens had developed and progressed exponentially, starting from a municipal waste collector to being a full-fledged service provider.

2019 marked their twentieth year as the leading environmental and waste management companies in Sarawak; with SWM as the concession holder and Trienekens as the operator of the State's Integrated Waste Management System. Besides the corporate gala dinner, a series of educational and promotional events was also hosted throughout 2019 in conjunction with the anniversary.

During the dinner, SWM and Trienekens also presented contributions of RM10,000 each to Community-based Rehabilitation Centre (PDK) Mambong, PDK Sri Satok and PDK Perpikat, Bintulu to commemorate the anniversary and as part of the companies' ongoing CSR initiatives supporting community and social development.



CELEBRATING 20 YEARS... Guest of Honour, Datuk Patinggi (Dr) Abang Haji Abdul Rahman Zohari bin Tun Datuk Abang Haji Openg (5th left) cuts a special 20th Anniversary cake with Trienekens' Group CEO, Stephen Chin (4th right) while Dato Sri Prof. Dr Sim Kui Hian and Datuk Amar Jaul Samion (3rd right and 4th left respectively) look on. Also pictured here are SWM Directors, Joachim Domrös (far right), Rebecca Trienekens-Domrös (2nd right) and Tan Show Boon (2nd left), as well as Trienekens' Deputy Group CEO, Elvin Wee (far left) and Chief Operating Officer, Alice Lee (3rd left).

Tetamu kehormat, Datuk Patinggi (Dr) Abang Haji Abdul Rahman Zohari bin Tun Datuk Abang Haji Openg (ke-5 kiri) memotong kek istimewa ulang tahun ke-20 bersama CEO Kumpulan Trienekens, Stephen Chin (ke-4 kanan) sambil disaksikan oleh Dato Sri Prof. Dr Sim Kui Hian (ke-3 kanan) dan Datuk Amar Jaul Samion (ke-4 kiri). Turut bergambar ialah Pengarah-pengarah SWM, Joachim Domrös (hujung kanan), Rebecca Trienekens-Domrös (ke-2 kanan) dan Tan Show Boon (ke-2 kiri) serta Timbalan CEO Kumpulan Trienekens, Elvin Wee (hujung kiri) dan Ketua Pegawai Operasi, Alice Lee (ke-3 kiri).

The Chief Minister was also on hand to present Trienekens' Associates Awards 2018 to several recipients, namely Shell Malaysia Trading Sdn Bhd which won for Best Support & Services; Tai Tong Tyre & Batteries Sdn Bhd (Best Vendor); Toh Ah Kaw Contractor Sdn Bhd (Best Performance by a Municipal and Commercial Waste Contractor); and Petrojadi Sdn Bhd (Best Performance by a Scheduled Waste Contractor). The inaugural Award recognises the

dedication and excellent performance of Trienekens' most outstanding major suppliers and contractors.

Among those present were the Chief Minister's wife, YABhg Datuk Amar Hajjah Juma'ani Tun Tuanku Haji Bujang; Local Government and Housing Minister YB Dato Sri Prof. Dr Sim Kui Hian; as well as Sarawak State Secretary and SWM Chairman, YB Datuk Amar Jaul Samion.



Community-based Rehabilitation Centre (PDK) Mambong, PDK Sri Satok and PDK Perpikat, Bintulu representatives with Datuk Amar Hajjah Juma'ani Tun Tuanku Haji Bujang (centre); Datuk Amar Jaul Samion (3rd left); Trienekens' Group CEO, Stephen Chin (2nd left) and SWM Director, Rebecca Trienekens-Domrös (3rd right).

Wakil-wakil dari Pusat Pemulihan Dalam Komuniti (PDK) Mambong, PDK Sri Satok dan PDK Perpikat, Bintulu bersama Datuk Amar Hajjah Juma'ani Tun Tuanku Haji Bujang (tengah); Datuk Amar Jaul Samion (ke-3 kiri); CEO Kumpulan Trienekens, Stephen Chin (ke-2 kiri) dan Pengarah SWM, Rebecca Trienekens-Domrös (ke-3 kanan).



Recipients of Trienekens' Associates Awards 2018 in a photo call with the Sarawak Chief Minister (5th left); Dato Sri Prof. Dr Sim Kui Hian (4th right); Trienekens' Group CEO, Stephen Chin (4th left); Deputy Group CEO, Elvin Wee (3rd right) and Chief Operating Officer, Alice Lee (3rd left).

Penerima-penerima Anugerah Sekutu Trienekens 2018 bergambar bersama Ketua Menteri Sarawak (ke-5 kiri); Dato Sri Prof. Dr Sim Kui Hian (ke-4 kanan); CEO Kumpulan Trienekens, Stephen Chin (ke-4 kiri); Timbalan CEO Kumpulan, Elvin Wee (ke-3 kanan) dan Ketua Pegawai Operasi, Alice Lee (ke-3 kiri).



Trienekens' Group CEO, Stephen Chin speaking at the gala.
CEO Kumpulan Trienekens, Stephen Chin berucap di gala tersebut.

Sarawak Wastes Management Sdn Bhd (SWM) dan Trienekens (Sarawak) Sdn Bhd menyatakan komitmen mereka untuk terus menyokong dan menyumbang kepada pembangunan komuniti, kesedaran awam dan pendidikan alam sekitar. Selari dengan kemajuan Negeri, syarikat akan menangani isu-isu berkaitan sisa dan alam sekitar secara efektif melalui pengetahuan, kepakaran teknologi dan amalan-amalan terbaik industri bagi memastikan sumber-sumber alam yang berharga berkeadaan baik dan tidak tercemar.

Kedua-dua syarikat menyambut ulang tahun penubuhan mereka yang ke-20 di satu majlis makan malam gala yang diserikan oleh Ketua Menteri Sarawak, YAB Datuk Patinggi (Dr) Abang Haji Abdul Rahman Zohari bin Tun Datuk Abang Haji Openg sebagai Tetamu Kehormat di Pusat Kovensyen Borneo Kuching pada 19 Ogos 2019.

Di dalam ucapan aluan beliau, Pengarah SWM dan CEO Kumpulan Trienekens, Stephen Chin berkata sepanjang

dua dekad ini SWM dan Trienekens telah membangun dan berkembang pesat, bermula sebagai pengutip sisa munisipal sehinggalah menjadi pembekal perkhidmatan yang sepenuhnya.

2019 menandakan tahun ke-20 Trienekens sebagai sebuah syarikat pengurusan alam sekitar dan sisa yang utama di Sarawak; SWM sebagai pemegang konsesi dan Trienekens sebagai operator Sistem Pengurusan Sisa Bersepadu Negeri ini. Selain mengadakan majlis makan malam gala korporat tersebut, Trienekens juga mengadakan beberapa acara pendidikan dan promosi sepanjang 2019 sempena sambutan ulang tahun.

Di majlis makan malam tersebut, SWM dan Trienekens juga telah menyerahkan sumbangan sebanyak RM10,000 untuk setiap agensi iaitu Pusat Pemulihan Dalam Komuniti (PDK) Mambong, PDK Sri Satok dan PDK Perpikat, Bintulu sempena sambutan ulang tahun dan sebagai salah satu inisiatif CSR syarikat untuk menyokong komuniti dan pembangunan sosial.

Ketua Menteri turut menyampaikan Anugerah Sekutu Trienekens 2018 kepada beberapa penerima seperti Shell Malaysia Trading Sdn Bhd yang telah menerima anugerah Sokongan & Perkhidmatan Terbaik; Tai Tong Tyre & Batteries Sdn Bhd (Vendor Terbaik); Toh Ah Kaw Contractor Sdn Bhd (Prestasi Terbaik Oleh Kontraktor Munisipal dan Komersil); dan Petrojadi Sdn Bhd (Prestsi Terbaik oleh Kontraktor Sisa Terjadual). Anugerah yang julung kali diadakan ini mengiktiraf dedikasi dan prestasi cemerlang pembekal-pembekal dan kontraktor-kontraktor utama Trienekens.

Antara yang turut hadir adalah isteri Ketua Menteri, YABhg Datuk Amar Hajah Juma'ani Tun Tuanku Haji Bujang, Menteri Kerajaan Tempatan dan Perumahan YB Dato Seri Prof. Dr Sim Kui Hian; serta Setiausaha Negeri Sarawak dan Pengurus SWM, YB Datuk Amar Jaul Samion.



Guests included representatives from Trienekens Germany and Spain.
Tetamu juga terdiri daripada wakil-wakil dari Trienekens Jerman dan Sepanyol.

Trienekens' Staff Celebrate 20th Anniversary

Staf Trienekens Rai Ulang Tahun ke-20



Best Employee (Logistics) Nathan Paul Dio (far right) received his award from Group CEO, Stephen Chin while Division Manager for Logistics & Services, Lee Ghee Seng (extreme left) and Deputy Group CEO, Elvin Wee (2nd left) look on.

Pekerja Terbaik (Logistik) Nathan Paul Dio (hujung kanan) menerima anugerah beliau dari Kumpulan CEO, Stephen Chin sambil disaksikan oleh Pengurus Bahagian, Logistik & Servis, Lee Ghee Seng (hujung kiri) dan Timbalan CEO Kumpulan, Elvin Wee (ke-2 kiri).



Group CEO, Stephen Chin (2nd right) presented the Best Employee (KIWMP) award to Brian Daho, witnessed by Chief Operating Officer, Alice Lee (2nd left) and General Manager for Treatment & Disposal, Simon Chow (far left).

CEO Kumpulan, Stephen Chin (ke-2 kanan) menyampaikan Pekerja Terbaik (KIWMP) kepada Brian Daho, sambil disaksikan oleh Ketua Pegawai Operasi, Alice Lee (ke-2 kiri) dan Pengurus Besar, Rawatan dan Pelupusan, Simon Chow (hujung kiri).



Best Employee (Headquarters) award recipient Anthea Thomas (right) with Group CEO, Stephen Chin.

Penerima Pekerja Terbaik (Ibu Pejabat) Anthea Thomas (kanan) bersama CEO Kumpulan, Stephen Chin.

More than 400 Trienekens staff celebrated the company's 20th Anniversary at a special gala dinner themed "Uniform Night" held at a leading hotel in Kuching. Besides entertaining performances and attractive lucky draws, the highlight of the night was the announcement of Trienekens' Best Employees for 2019.

Accorded annually to selected team members in recognition of outstanding service and dedication, the 2019 award winners were Nathan Paul Dio from Logistics & Services; Brian Daho from the Kuching Integrated Waste Management Park (KIWMP); Anthea Thomas from Headquarters; and Uda Ansa from Bintulu Branch. Each champion received a cash prize and a Certificate of Excellence.

Lebih daripada 400 staf Trienekens menyambut ulang tahun syarikat yang ke-20 di satu majlis makan malam gala istimewa yang bertemakan "Malam Uniform" di sebuah hotel terkemuka di Kuching. Selain dihiburkan dengan persembahan dan cabutan bertuah yang menarik, kemuncak malam tersebut adalah pengumuman Pekerja-pekerja Terbaik Trienekens untuk 2019.

Diadakan setiap tahun mengiktiraf beberapa pekerja terpilih di atas perkhidmatan cemerlang dan dedikasi mereka, para penerima anugurah 2019 adalah Nathan Paul Dio dari Logistik & Servis; Brian Daho dari Kuching Integrated Waste Management Park (KIWMP); Anthea Thomas dari Ibu Pejabat dan Uda Ansa dari Cawangan Bintulu. Setiap pemenang menerima hadiah wang tunai dan Sijil Kecemerlangan.



In Bintulu, Uda Ansa (left) received the Best Employee (Bintulu Branch) award from Branch Senior Manager, Patricia Susie Nyisong.

Di Bintulu, Uda Ansa (kiri) menerima Anugerah Pekerja Terbaik (Cawangan Bintulu) dari Pengurus Kanan Cawangan, Patricia Susie Nyisong.

Trienekens Bags Two Shell Malaysia Safety Awards Trienekens Raih Dua Anugerah Keselamatan Shell Malaysia



Datuk Iain Lo, Chairman of Shell Malaysia (2nd right) is pictured here with (from left) Trienekens' Environment R&D Division Manager, Dayang Sherrynazra bt Awang Sharkawi; Group CEO, Stephen Chin and HSE Senior Manager, Harris Michael at the Awards ceremony.

Datuk Iain Lo, Pengurus Shell Malaysia (ke-2 kanan) bergambar bersama (dari kiri) Pengurus Bahagian R&D Alam Sekitar Trienekens, Dayang Sherrynazra bt Awang Sharkawi; CEO Kumpulan, Stephen Chin dan Pengurus Kanan HSE, Harris Michael di majlis Anugerah tersebut.

The Shell Malaysia Safety Awards (SMSA) are awarded yearly to Shell Malaysia contractors and retailers in recognition of commendable safety culture and exemplary safety performance. The Award also serves as a platform to promulgate success stories and inspire other organizations.

Trienekens (Sarawak) Sdn Bhd was recently the proud recipient of the SMSA 2019 Bronze Award, under the “Upstream” Category in a black-tie event held in Kuala Lumpur. Besides the Bronze Award for Safety, Trienekens was also the proud winner of the SMSA “Environment Merit Award”, which recognises the company’s efforts in sustainability and environmental preservation.

The Shell Malaysia Safety Awards are presented to winners under three categories: Upstream, Downstream, and Corporate. Meanwhile, the special Merit Awards are presented under the categories of “Health”, “Most Improved” and “Environment”.

Anugerah Keselamatan Shell Malaysia (SMSA) disampaikan setiap tahun kepada kontraktor-kontraktor dan peruncit-peruncit Shell Malaysia di atas budaya, teladan dan prestasi selamat mereka. Anugerah juga bertujuan menyediakan platform untuk menyebarluas cerita-cerita kejayaan dan menjadi inspirasi kepada organisasi lain.

Trienekens (Sarawak) Sdn Bhd telah menerima Anugerah Gangsa SMSA 2019 di bawah kategori “Upstream” di satu majlis berpakaian separa rasmi di Kuala Lumpur baru-baru ini. Selain anugerah tersebut, Trienekens juga telah memenangi Anugerah Merit Alam Sekitar, yang mengiktiraf usaha-usaha syarikat di dalam kelestarian dan pemeliharaan alam sekitar.

Anugerah Shell Malaysia disampaikan kepada pemenang-pemenang di bawah kategori iaitu: Upstream, Downstream dan Korporat. Sementara itu, Anugerah Merit istimewa pula disampaikan dalam tiga kategori iaitu “Kesihatan”, “Peningkatan Terbaik” dan “Alam Sekitar”.

Trienekens Achieves ISO 14001 & 45001 Certification For Environmental and Occupational Health and Safety Management Systems

Trienekens Capai Pensijilan ISO 14001 & 45001 untuk Sistem Pengurusan Alam Sekitar, Kesihatan Pekerjaan dan Keselamatan

Trienekens (Sarawak) Sdn Bhd was recently awarded the ISO14001:2015 and ISO45001:2018 certification for its environmental and occupational health and safety management system. The certification affirmed the company's business operates ethically with a responsible and systematic approach towards all its employees, customers, environment and operations while meeting international standards.

The ISO 14001 certification was awarded after a series of audits was carried out by an external certification body, AJA EQS Certification (M) Sdn Bhd on the environmental impacts of the management of scheduled waste covering the company's collection, transportation, treatment and disposal processes; while the ISO 45001 further established the effectiveness of Trienekens' occupational health and safety management system through a risk-based approach.

"We are proud of this achievement as it demonstrates our strong commitment to continuously improve various aspects of our business operations," said Trienekens' Group CEO, Stephen Chin. "This includes effectively minimising the possible impacts of our operations by taking on measures that will protect the community and environment as well as creating a safe and healthy work place for all of our employees. With these certifications, we are further motivated to continue delivering the best quality, sustainable and safe waste management services for the public and our customers."

Trienekens has also been certified with ISO 9001 for Quality Management since the year 2002, and ISO 17025 for Laboratory Testing since 2011.

Baru-baru ini, Trienekens (Sarawak) Sdn Bhd telah menerima pensijilan ISO14001:2015 dan ISO45001: 2018 untuk sistem pengurusan alam sekitar dan kesihatan pekerjaan dan keselamatannya. Penerimaan dua sijil tersebut mengesahkan perniagaan syarikat beroperasi dengan cara yang beretika, bertanggungjawab dan sistematik ke atas semua pekerja, pelanggan, alam sekitar dan operasi dan pada masa sama, memenuhi standard antarabangsa.

Sijil ISO 14001 telah diberikan selepas beberapa siri audit dijalankan oleh AJA EQS Certification (M) Sdn Bhd, satu badan pensijilan luar, ke atas impak-impak alam sekitar hasil dari pengurusan sisa terjadual syarikat yang merangkumi proses-proses kutipan, pengangkutan, rawatan dan pelupusan; sementara ISO 45001 mengukuhkan keberkesanan sistem pengurusan kesihatan pekerjaan dan keselamatan melalui pendekatan berdasarkan risiko.

"Kami amat bangga dengan pencapaian ini kerana ia membuktikan komitmen kami untuk terus memperbaiki pelbagai aspek operasi perniagaan kami," kata CEO Kumpulan Trienekens, Stephen Chin. "Ini termasuk mengurangkan impak operasi kami melalui cara-cara yang akan melindungi masyarakat dan alam sekitar serta mewujudkan tempat kerja yang selamat dan sihat untuk semua pekerja kami. Dengan pensijilan ini, kami teruja untuk terus menyediakan perkhidmatan pengurusan sisa yang berkualiti, lestari dan selamat untuk orang awam dan para pelanggan kami."

Trienekens Sarawak juga telah menerima pensijilan ISO9001 untuk Pengurusan Kualiti sejak 2002 dan ISO 17025 untuk Kajian Makmal sejak 2011.



Trienekens' ISO 14001/ISO45001 internal audit team led by Group CEO Stephen Chin (3rd right) and HSE Senior Manager, Harris Michael (2nd right) with the newly received ISO 14001:2015 and ISO 45001:2018 certificates.

Pasukan juruaudit ISO14001/ISO45001 Trienekens diketuai oleh CEO Kumpulan Trienekens (ke-3 kanan) dan Pengurus Kanan HSE, Harris Michael (ke-2 kanan) dengan sijil-sijil baru ISO 14001:2015 dan ISO 45001:2018.

Trienekens Goes Healthier, Safer, Greener

Trienekens Jadi Lebih Sihat, Selamat dan Hijau



CELEBRATING HSE... Trienekens' staff, contractors and other invited guests group together at the company's HSE Day in Kuching.

MERAIKAN HSE... Staf Trienekens bersama para kontraktor dan tetamu-tetamu lain bergambar bersama di Hari HSE syarikat di Kuching.

Trienekens (Sarawak) Sdn Bhd recently held its annual Health, Safety & Environment (HSE) Week, this year themed "Healthier, Safer, Greener". Besides promoting health and environmental awareness, the programme also aimed to highlight the importance of continuously maintaining a strong safety culture at work in order to keep a workplace free from injuries and incidents. The week-long celebration culminated with special HSE Day events at the company's Kuching and Bintulu offices.

In Kuching, guest speaker from the Road Transport Department (JPJ), Abang Nazaruddin Sharbini gave a presentation highlighting road safety as well as regulations pertaining to summons and licensing; while Christina Leysia from the Natural Resources and Environment Board, Sarawak gave an awareness talk on air pollution.

Meanwhile, attendees of the event at Trienekens' Bintulu Branch attended a talk on road safety by Mohd Amzah bin Ajis of the Road Transport Department (JPJ), Bintulu. Department of Health representative, Dr Lee Sing Seng also gave an awareness talk on the symptoms, diagnosis, prevention and management of Tuberculosis.

Trienekens' Group Chief Executive Officer (CEO), Stephen Chin officiated the event in Kuching, and later graced the presentation of Trienekens HSE excellence awards to outstanding groups and individuals for their past year's HSE performance.

The HSE Excellence Award for the "Best A.C.T Card Contribution for the year 2018/2019" was presented to Christopher Emile Rossem of the Business Development Department. The award recognises the employee's active participation and commitment in ensuring risk minimization at the workplace through the contribution of Accident Control Technique (ACT) cards.

While the awards for "Outstanding Safe (Municipal Waste) Team Performance" were presented to Mohamad Amin bin Sapari and his team members Ajis Bayod and Luis Rendy Chandy; Adi bin Abd Khalil and his team members William Sawai and Sapri bin Fadli; as well as Mannen Collin and his team members Tonik bin Jali and Sebli Disut; Halmai bin Ogik was the proud recipient of the "Outstanding Safe Driving (RoRo) Performance" award.

In Bintulu, the individual award for "Outstanding HSE Performance" went to Wilbert Entri Beliang.

From the Kuching Integrated Waste Management Park, Charles Giyow and Roysten Rendie Supot both received the "Outstanding Safe Performance in Non-Scheduled Waste Operations" awards, while Wira Podin and Jerry Kenes Tagal were presented with the "Outstanding Safe Performance in Scheduled Waste Operations" awards. The awards for "Outstanding Safe Long-Haul Driving Performance" were presented to Jensonray Sepia, Charling Nais and Claudius Munor.

"The Green Synergy Award" recognises the best overall performance by participating Divisions in Trienekens' in-house environmental awareness programmes. Trienekens' Headquarters and Kuching Logistics received the award for achieving the best overall performance in the three main Green Synergy programmes - Recycling, Energy Saving and Fuel Efficiency for the year 2018/2019.

The top two HSE performance awards – "Lost Time Injury (LTI) Free Achievement" award and the coveted "Best Overall Performance in HSE" award – went to the Kuching Integrated Waste Management Park (KIWMP) and KIWMP Maintenance Department respectively.

Trienekens' sub-contractors were also amongst participants who took part in the day's activities. "We couldn't hold an event like this without the full support of our contractors," said Chin, "Ultimately, we're all dedicated to achieving the goal of no-harm to people, or 'Goal Zero' with regards to safety."

Trienekens organises and celebrates its HSE Day annually to recognise, reinforce, improve and strengthen HSE knowledge, understanding and skills among employees, besides providing a platform for information sharing with its customers, business partners and associates.

Baru-baru ini Trienekens (Sarawak) Sdn Bhd telah mengadakan Minggu Kesihatan, Keselamatan & Alam Sekitar (HSE) tahunannya bertemakan "Lebih Sihat, Lebih Selamat, Lebih Hijau. Selain mempromosi kesedaran kesihatan dan alam sekitar, program tersebut juga bertujuan untuk menekankan kepentingan memelihara budaya kerja yang selamat demi memelihara tempat kerja yang bebas dari kecederaan dan kemalangan. Sambutan satu minggu diakhiri dengan beberapa acara Hari HSE istimewa di pejabat syarikat di Kuching dan Bintulu.

Di Kuching, seorang penceramah jemputan dari Jabatan Pengangkutan Jalan (JPJ), Abang Nazruddin Sharbini telah membentangkan ceramah berkenaan keselamatan jalan raya termasuk peraturan-peraturan berkaitan dengan saman dan lesen; sementara Christina Leysia dari Lembaga Sumber Asli dan Alam Sekitar Sarawak telah menyampaikan satu ceramah tentang pencemaran udara.

Sementara itu, para hadirin di sambutan sama oleh Trienekens Cawangan Bintulu pula menghadiri satu ceramah tentang keselamatan jalan raya oleh En. Mohd Amzah bin Ajis dari JPJ Bintulu. Dr. Lee Sing Seng, seorang wakil dari Jabatan Kesihatan telah membentangkan satu ceramah berkenaan simtom-simtom, diagnosis, pencegahan dan pengurusan penyakit tuberkulosis.

Sihat, Lebih Selamat, Lebih



Trienekens' Headquarters and Kuching Logistics received "The Green Synergy Award" for achieving the best overall performance in the company's in-house environmental awareness programmes. Campaign leads, Mariyama Buloga Nathan (left) and Behui Longe jointly represented the divisions.

Ibu Pejabat Trienekens dan Logistik Kuching menerima "Anugerah Sinergi Hijau" kerana mencapai prestasi terbaik keseluruhan dalam program-program kesedaran alam sekitar syarikat. Ketua-ketua kumpulan, Mariyama Buloga Nathan (kiri) dan Behui Longe telah mewakili Bahagian tersebut.



EXCELLENT... Deputy Group CEO, Elvin Wee (second left) presented (from right) Charling Nais, Jensonray Sepia and Claudius Munor with the "Outstanding Safe Long Haul Driving Performance" awards.

CEMERLANG... Timbalan CEO Kumpulan, Elvin Wee (kedua kiri) menyampaikan menyampaikan anugerah "Prestasi Cemerlang Pemanduan Jarak Jauh Selamat" kepada (dari kanan) Charling Nais, Jensonray Sepia dan Claudius Munor.



Trienekens' Chief Operating Officer, Alice Lee (centre) with Kuching Integrated Waste Management Park's HSE excellence award winners (from left) Roysten Rendie Supot, Charles Giyow, Jerry Kenes Tagal and Wira Podin.

Ketua Pegawai Operasi Trienekens Alice Lee (tengah) bersama penerima-penerima anugerah Prestasi HSE Cemerlang KIWMP (dari kiri) Roysten Rendie Supot, Charles Giyow, Jerry Kenes Tagal dan Wira Podin.



In Bintulu, Senior Manager, Patricia Susie Nyisong (left) presented the "Outstanding HSE Performance Award" to Wilbert Entri Beliang.

Di Bintulu, Pengurus Kanan, Patricia Susie Nyisong (kiri) menyampaikan "Anugerah Prestasi HSE Terbaik" kepada Wilbert Entri Beliang.



"Outstanding Safe Driving (RoRo) Performance Award" recipient Halmai bin Ogik (left) with HSE Senior Manager, Harris Michael. Penerima "Anugerah Cemerlang Pemanduan Selamat (RoRo), Halmai bin Ogik menerima anugerah beliau dari Pengurus Kanan HSE, Harris Michael.



HSE Senior Manager, Harris Michael (5th left) presented the "Outstanding Safe Team Performance (Municipal Waste) Awards" to (from right) Mohamad Amin bin Sapari, Ajis Bayod and Luis Rendy Chandy; Adi bin Abd Khaliq, William Sawai and Sapri bin Fadli; as well as Mannen Collin, Tonik bin Jali and Sebli Disut.

Pengurus Kanan HSE, Harris Michael (ke-5 kiri) menyampaikan "Anugerah Cemerlang Prestasi Pasukan Selamat (Sisa Munisipal) kepada Mohamad Amin bin Sapari, Ajis Bayod dan Luis Rendy Chandy; Adi bin Abd Khaliq, William Sawai dan Sapri bin Fadli; serta Mannen Collin, Tonik bin Jali dan Sebli Disut.

Acara di Kuching telah dirasmikan oleh CEO Kumpulan Trienekens, Stephen Chin dan beliau kemudiannya telah menyerikan sesi penyampaian anugerah prestasi Kecemerlangan HSE Trienekens kepada beberapa kumpulan dan individu berdasarkan prestasi HSE mereka tahun lepas.

Anugerah Kecemerlangan HSE untuk "Sumbangan KADA.C.T Terbaik untuk tahun 2018/2019" telah disampaikan kepada Christopher Emile Rossem dari Bahagian Pembangunan Perniagaan. Anugerah ini memperakui penglibatan aktif dan komitmen pekerja di dalam mengurangkan risiko di tempat kerja melalui sumbangan kad Teknik Kawalan Kemalangan (ACT).

Anugerah untuk "Prestasi Pasukan (Sisa Munisipal) Selamat Cemerlang" telah disampaikan kepada Mohamad Amin bin Sapari dan anggota-anggota pasukannya Ajis Bayod dan Luis Rendy Chandy; Adi bin Abd Khaliq dan anggota-anggota pasukannya William Sawai dan Sapri bin Fadli; Mannen Collin dan anggota-anggota pasukannya Tonik bin Jali dan Sebli Disut, Halmai bin Ogik telah dianugerahkan dengan "Prestasi Pemanduan Selamat (RoRo) Cemerlang".



Group General Manager for Finance and Human Resources, Tan Show Boon presented the HSE Excellence Award for the "Best A.C.T Cards Contribution for the year 2018/2019" to Christopher Emile Rossem (right).

Pengurus Besar Kumpulan, Kewangan dan Sumber Manusia, Tan Show Boon menyampaikan Anugerah Cemerlang Prestasi HSE untuk "Sumbangan KAD A.C.T Terbaik untuk tahun 2018/2019" kepada Christopher Emile Rossem (kanan).

Di Bintulu, anugerah individu untuk "Prestasi HSE Cemerlang" telah disampaikan kepada Wilber Entri Beliang.

Dari Kuching Integrated Waste Management Park, anugerah "Prestasi Cemerlang Keselamatan dalam Operasi Sisa Bukan Terjadual" telah diraih oleh Charles Giyow dan Roysten Renddie SUport sementara Wira Podin dan Jerry Kenes Tagal pula menerima anugerah "Prestasi Cemerlang Keselamatan dalam Operasi Sisa Terjadual". Anugerah untuk "Prestasi Cemerlang Pemanduan Jarak Jauh Selamat" disampaikan kepada Jensonray Sepia, Charling Nais dan Claudius Munor.

"Anugerah Sinergi Hijau" mengiktiraf prestasi keseluruhan terbaik daripada setiap Bahagian yang terlibat di dalam program-program kesedaran alam sekitar dalaman Trienekens. Ibu Pejabat dan Logistik Kuching Trienekens telah menerima anugerah tersebut melalui tiga program utama Sinergi Hijau – Kitar Semula, Jimat Tenaga dan Keefisienan Bahan Api untuk tahun 2018/2019.

Dua anugerah prestasi HSE tertinggi – "Pencapaian Bebas Masa Hilang Kecederaan (LTI)" dan anugerah rebutan "Prestasi Keseluruhan Terbaik HSE" telah disampaikan kepada Kuching Integrated Waste Park (KIWMP) dan Bahagian Penyelenggaraan KIWMP.

Turut hadir di dalam acara hari tersebut adalah para sub-kontraktor Trienekens. "Kami tindak mungkin dapat mengadakan acara seperti ini tanpa sokongan para kontraktor kami," kata Chin, "Pada dasarnya, dari aspek keselamatan, kami semua berusaha mencapai matlamat bebas kecederaan ke atas manusia, atau 'Matlamat Sifar'."

Trienekens menganjur dan menyambut Hari HSEnya setiap tahun untuk mengiktiraf, mengukuh, memperbaiki dan menguatkan pengetahuan, pemahaman dan kemahiran HSE di kalangan pekerjaannya, di samping berkongsi maklumat dengan para pelanggan dan rakan-rakan niaganya.

In Loving Memory / Dalam Kenangan



Trienekens (Sarawak) Sdn Bhd's Founding Chairman, Mr. Jürgen Pickenhagen, passed away peacefully in Germany on 19 January 2020 at the age of 77.

Mr. Jürgen Pickenhagen was essential in setting up Sarawak's own Integrated Waste Management System (IWMS) in the 1990s. He spearheaded the progress of the Company from 2009 till 2017, retiring from his post as Executive Chairman at the end of 2017. He remained as the Company's Advisor until end of 2019 and was still on the Board of Directors of Trienekens (Malaysia) Sdn Bhd (Trienekens Sarawak's holding company) at the time of his passing. He also served as a valuable member of the Board of Directors of Sarawak Wastes Management Sdn Bhd, since its conception in 1998 until the end of 2017.

Mr. Jürgen Pickenhagen was deeply loved by his family and friends; and those who were lucky enough to have the opportunity to work with him feel a tremendous loss. He was

an astute and accomplished entrepreneur who was truly passionate about creating a cleaner and better Sarawak. His exceptional work ethics, dedication to the company, love for Sarawak and his pride and confidence in his team made him truly one of a kind.

We thank Mr. Jürgen Pickenhagen for his dedication, guidance and service; and we at Trienekens will strive to continue his legacy, "For A Cleaner Sarawak. For You."

Pengerusi Pengasas Trienekens (Sarawak) Sdn Bhd, En. Jürgen Pickenhagen, telah meninggal dunia di Jerman pada 19 Januari 2020 pada usia 77 tahun.

En. Jürgen Pickenhagen berperanan penting di dalam penubuhan Sistem Pengurusan Sisa Bersepadu (IWMS) di Sarawak pada tahun 1990-an. Beliau telah memimpin perkembangan Syarikat dari 2009 hingga 2017 dan bersara dari jawatan sebagai Pengerusi Eksekutif pada hujung 2017. Beliau kekal sebagai Penasihat Syarikat sehingga 2019 and merupakan salah seorang ahli Lembaga Pengarah Trienekens (Malaysia) Sdn Bhd (syarikat pemegang Trienekens Sarawak) semasa beliau meninggal. Beliau juga telah berkhidmat sebagai ahli Lembaga Pengarah Sarawak Wastes Management Sdn Bhd sejak ia ditubuhkan pada 1998 sehingga 2017.

En. Jürgen Pickenhagen amat disayangi oleh keluarga dan rakan-rakannya; dan mereka yang bertuah dan berpeluang bekerja dengan beliau akan merasai kehilangan yang amat besar. Beliau merupakan seorang usahawan bijak dan cekap serta bersemangat mewujudkan Sarawak yang lebih bersih dan baik. Etika kerja beliau yang luar biasa, dedikasi beliau kepada syarikat, cintanya kepada Sarawak, kebanggaan dan keyakinan beliau ke atas pasukannya membuatkan beliau satu antara beribu.

Kami mengucapkan terima kasih kepada En. Jürgen Pickenhagen di atas dedikasi, bimbingan dan perkhidmatan beliau; dan kami di Trienekens akan meneruskan legasi beliau, "Untuk Sarawak Yang Lebih Bersih. Untuk Anda."

New Team Members / Tenaga Kerja Baru

Kuching Headquarters & Depot / Ibu Pejabat Kuching & Depot



Jenny Cheu Teck Jing
Accountant
Aktauntan



Deanna Michele Bain Leo Augustine
Senior Assistant, Corporate Communications
Pembantu Kanan, Komunikasi Korporat



Melissa George
Supervisor, Logistics & Services
Penyelia, Logistik & Perkhidmatan



Nur Afiqah binti Mohamad
Supervisor, Logistics & Services
Penyelia, Logistik & Perkhidmatan

Kuching Integrated Waste Management Park (KIWMP), Mambong



Khairuzzaman bin Hussen
Engineer, Landfill
Jurutera, Tapak Pelupusan



Larry Yong Ken Nin
Engineer, KIWMP Maintenance
Jurutera, Penyelenggaraan KIWMP



Bolda Sipawoh
Plant Technician
Juruteknik Loji



Muhammad Fakhruallah bin Abdullah
Mechanic
Mekanik

Promotions / Kenaikan Pangkat



Mohamad Morzani bin Abg Muhie
Supervisor, Logistics & Services
Penyelia, Logistik & Perkhidmatan

Spot The Difference / Carikan Perbezaan

Spot and circle all 10 differences in the photos below and win a SONY Portable Bluetooth Speaker.
Cari dan bulatkan kesemua 10 perbezaan di dalam gambar-gambar berikut dan menangi satu Speaker Bluetooth Mudah Alih SONY.



Congratulations to Lim Ching Ching, winner of last issue's Spot the Difference Contest. She received her prize from Department Manager for Business Development (SW), Hafizah Hamdan (right).

Tahniah kepada Lim Ching Ching, pemenang peraduan Cari Perbezaan itu lepas. Lim menerima hadiahnya dari Pengurus Jabatan Pembangunan Perniagaan (SW), Hafizah Hamdan (kanan).



Please send in your entry to the following address before **15 June 2020**. Late entries will not be entertained. Sila kembalikan penyertaan anda ke alamat berikut sebelum **15 Jun 2020**. Penyertaan lewat tidak akan dilayan.

**Corporate Communications Division,
Trienekens (Sarawak) Sdn. Bhd.**
216 Jalan Sungai Tapang,
Lot 2040 Block 15 MTLD,
93250 Kuching, Sarawak.

Personal Details/ Butiran Peribadi

Name/Nama _____

IC No./No. KP _____

Are you a Trienekens Staff?/Adakah anda pekerja Trienekens?

(If yes / Jika ya) Trienekens' Employee No. / No. Pekerja Trienekens:

Yes/Ya

No/Tidak

Address/Alamat _____

Tel. No./No. Tel _____



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