



CORPORATE SUSTAINABILITY REPORT 2021



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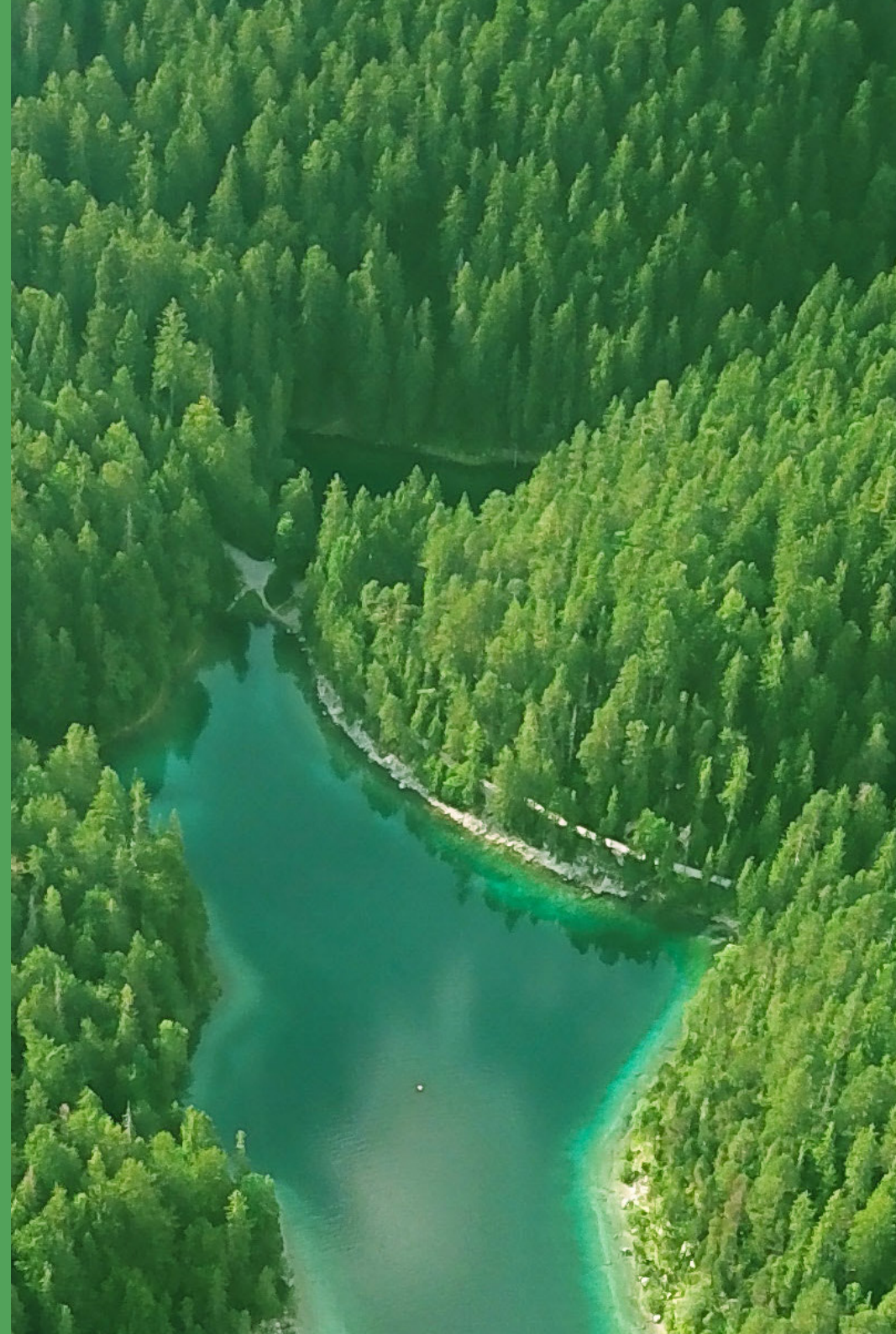
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A low-angle, upward-looking photograph of several modern skyscrapers with glass facades. The buildings are framed by a network of dark, intersecting lines, creating a sense of height and architectural complexity. The sky is a vibrant blue with scattered white clouds. The overall color palette is dominated by blues and greys, with a touch of green from the text underline.

OVERVIEW

MESSAGE FROM OUR CHIEF EXECUTIVE OFFICER

“*Even as we adapt to a world in which Covid-19 is endemic, it is important that we continue to push forward on our sustainability agenda, and focus on having a positive impact on every life we touch.*”

For most of us in the semiconductor industry, 2021 was a year of extraordinary challenges, from the continued health implications of the pandemic to meeting the surge in demand amidst persistent supply chain disruptions.

Despite this, we were able to make significant headway with our sustainability agenda, strengthening the foundations of long-term, profitable and sustainable growth. Against the backdrop of a pandemic and stringent measures to safeguard our employees, we reduced our carbon footprint by maximizing energy efficiency, using resources effectively, and reducing emissions. We also made great strides across our ESG commitments, and exceeded our annual and longer-term CSR goals.



MESSAGE FROM OUR CHIEF EXECUTIVE OFFICER

COVID-19 response: As we entered the second year of the pandemic, the health and safety of our employees remained top of mind. To that end, we installed temperature scanning terminals and initiated regular testing and safe distancing at all sites. Where possible, we procured our teams free vaccines under national vaccination programmes and, where rollouts were slower, sponsored vaccines to ensure their safety. We also appointed dedicated safety officers responsible for ensuring a safe workplace and assisting employees who became ill. In the broader community, we made donations of Personal Protective Equipment and meals to the most vulnerable.

Environmental, Social, and Governance: Across our operations in the region, we brought down CO₂ emissions by 8.9% year-on-year, and by 37.7% since 2012. Over the same period, we doubled the amount of recycled water used in our operations to 41.1%. We also innovated to improve product performance and energy efficiency, and worked with our partners and suppliers to reduce our environmental impact throughout the product life cycle.

Corporate Social Responsibility: A key development for us was the formalization of our Corporate Social Responsibility Policy and Commitment Statement, which aligns with the Responsible Business Alliance (RBA) framework and defines our approach to creating a sustainable, safe and uplifting environment for all our colleagues. It ensures consistency in how our principles are executed across the organization. We also established a formal Sustainability Platform and teams to drive our initiatives in each market. These efforts were

recognized last year, and we were pleased to receive CSR awards from the Thai, Singapore, Malaysia, and Chinese governments, as well as professional and accreditation bodies in acknowledgment of our commitment and progress. These include the Excellence in CSR Strategy (Silver) at the HR Excellence Awards 2021 in Singapore, and the Environmental Good Governance Award from the Industrial Estate Authority of Thailand.

All this would not have been possible without the cooperation and collaboration of the entire UTAC community. I am immensely proud of how our management team, employees, customers, suppliers and stakeholders all worked in sync and pulled together through a very challenging 2021.

Dr. John Nelson
President and Chief Executive Officer



MESSAGE FROM THE CHIEF SUSTAINABILITY OFFICER

I am honored and proud to have come on board as UTAC Group's first female Chief Sustainability Officer, especially at a time when the company is making such significant strides in its sustainability efforts.

Globally, our factories not just meet, but routinely exceed their ESG targets in all areas including employee safety and well-being, our direct and broader environmental impact, and CSR.

Significant investments have been made over the last few years towards our initiatives to reduce our carbon footprint, enhance our use of recycled water, and reduce our energy use. This will allow us to continue to drive these indexes down. Included in this report are more details on these initiatives, as well as our annual progress and improvements since we started tracking our environmental impact back in 2012.

Throughout the pandemic and at present we remain vigilant in the fight against COVID, often going beyond local government mandates. We continue to be committed to creating a safe environment for all our employees within all the global UTAC facilities. We intend to increase our efforts to create a more inclusive, progressive and gender-neutral workplace.

Underlining these achievements have been the creation of more formal structures. In the last year, we established a Sustainability Platform to address various aspects of risk mitigation through workshops, websites and town halls. We also defined our approach to sustainability in a Corporate Social Responsibility Policy and Commitment Statement to ensure that it is executed consistently across our global operations.

Together, these will continue to turn UTAC Group's sustainability commitments into action.

Janice Wong
Chief Sustainability Officer & General Counsel



“Prioritizing sustainability is critical to the health of our home planet. We will continue our journey in this effort to ensure that we not only help our current generation but also the future ones.”

ABOUT THIS REPORT

The UTAC Group's Sustainability Report spotlights key aspects of our Environmental, Social and Governance performance and impact, and reflects our commitment to transparency and accountability for our targets and achievements across our operations. This report covers the 2021 calendar year.

OUR APPROACH

This report was guided by the Group's Corporate Social Responsibility Policy and Commitment Statement, which is aligned with the Responsible Business Alliance (RBA) framework. The RBA outlines principles for Labor, Health & Safety, the Environment, Management Systems, and Ethics for global supply chains of leading industries.

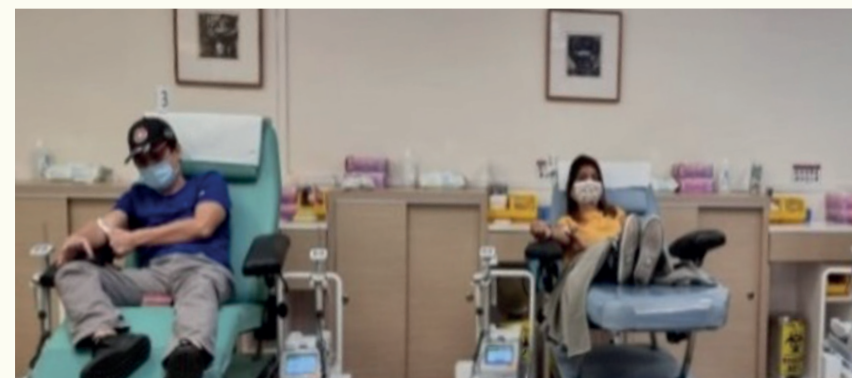
In 2021, our sustainability systems, processes and practices across our operations were certified as having met ISO14001, ISO45001 and IATF 16949 industrial standards.

To ensure the value of our business continuity plan, the Group conducts regular audits of our systems and processes, using established third-party frameworks by the Environmental Management System (EMS) and the Occupational Health & Safety System (OH&S). This ensures our environmental, health, and safety regulations are up to date.

UTAC's operations are in compliance with RBA and Environmental, Health and Safety (EHS) guidelines, and our assembly and testing process are in compliance with the Restriction of Hazardous Substances (RoHS), the REACH Directive, and the Montreal Protocol on Substances that Deplete the Ozone Layer.



UTL : COVID-19 Donate (\$45,534)



USG : Blood Donation Donated 10,850 cc



UTL : Food Donation to Fragile groups

ABOUT THIS REPORT

2021 KEY HIGHLIGHTS

UTAC continuously works to inculcate a sustainability mindset in all aspects of our business, from product and service development to employee education initiatives.

This year's report zooms in on a few key areas:



UTAC Group's Pandemic Response



Key Achievements and Metrics



Our Corporate Social Responsibility Policy



Our Strategy and Structure



Our Environment and Climate Initiatives



Resource Management and Energy Conservation



Carbon Footprint and Environmental Protection



Water Conservation



Waste Management



Safety Standards



Corporate Governance and Compliance



Business Continuity Plan and Risk Mitigation



Recognition and Awards

COVERAGE

This report covers the environmental, social, and governance (ESG) principles, initiatives and performance of our operations across our core markets: Thailand, Indonesia, Malaysia, China, and Singapore, which also serves as our corporate headquarters. It contains information for our calendar year 1 Jan 2021 to 31 Dec 2021.

FEEDBACK

We welcome feedback on this report and any aspect of our sustainability performance. Please address all feedback or enquiries to Carol Chiang (Marketing), carol_chiangsm@utacgroup.com. More details on our CSR activities can be found at <https://www.utacgroup.com/about/corporate-social-responsibility.html/>



UTL : Blood Donation Donated 39,900 cc



UID : Green Campaign at KIIC

UTAC GROUP: OUR PANDEMIC RESPONSE

The impact of COVID-19 has been far-reaching, both across the electronics value chain and on people and organizations. As the pandemic evolved, UTAC Group continued to keep a close eye on developments, adapting our response to a rapidly changing situation.

In countries in which we have production facilities – Singapore, Malaysia, Indonesia, Thailand, and China – we have strict protocols in place to keep our teams safe. Besides Thermal Temperature Scanning Terminals (TTSTs) and check-in and check-out systems, we initiated regular COVID-19 testing at all our sites. Dedicated safety officers acted as extra eyes on the ground, ensuring that we operated safely, and responding swiftly to any need for help.

While we were not entirely spared, we did our utmost to ensure staff who became ill were well-supported in their recovery or through any quarantine periods, and had measures in place to contain the spread and minimize downtime.

Where possible, our employees worked virtually, supported with the necessary technology and tools to continue to work seamlessly. For essential workers who remained on our sites across Asia, rigorous COVID-19 protocols minimized risk to our workers, while keeping operations going and growing.

As vaccinations became available, and the global vaccination program gained momentum, we worked with local governments and the private

sector to provide free vaccines to our employees, where possible. Where national rollouts took longer, we sponsored vaccines for all employees to quickly ensure their safety. We also prioritized mental and emotional well-being, providing our employees with frequent updates and health tips, and organizing both virtual and in-person events to foster camaraderie. As our workforce began to return to the office, enhanced health and safety protocols allowed us to continue to respond promptly to any pandemic developments.

The Group also took the opportunity to support local pandemic efforts through various donations, including \$46,543 in Personal Protective Equipment (PPE), and food donations to vulnerable groups.

While it is too early to anticipate the long-term impacts of the pandemic, we remain vigilant and ready to respond to developments, with the well-being of our employees and communities top of mind.



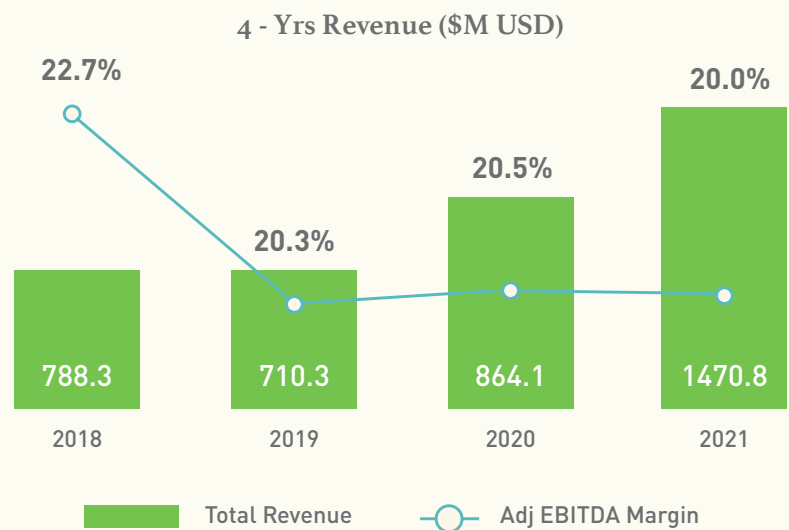
UTL : COVID-19 Donation to community 300 doses



UDG : Blood Donation Donated 26,800 cc

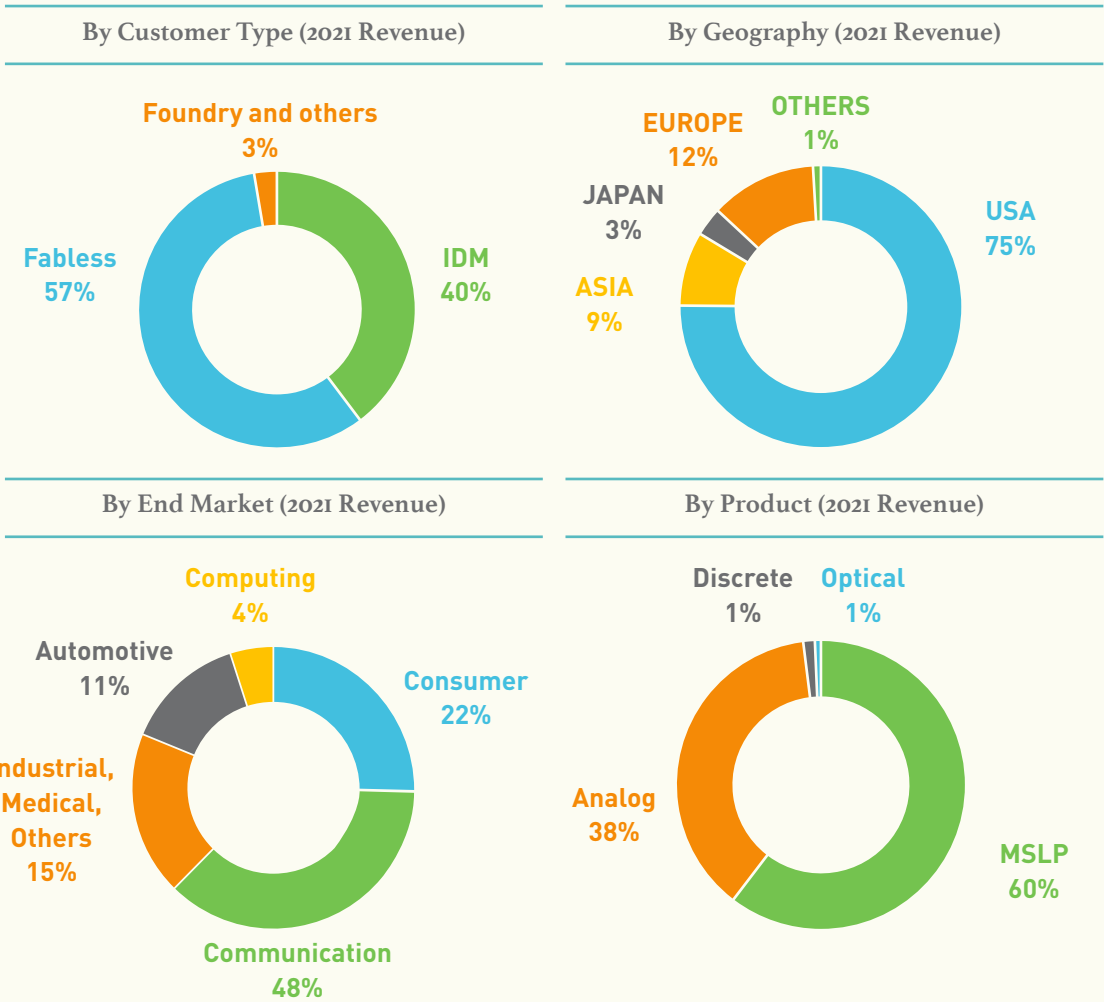
UTAC BUSINESS AT A GLANCE

UTAC 2021 Financials



2021 CAPEX : \$302M

Diversified 2021 Revenue Portfolio



A high-angle photograph of two hands shaking over a dark wooden table. The hand on the left is wearing a white shirt cuff. The hand on the right is wearing a dark brown leather watch. On the table, there is a black pen, a small potted plant with green and purple leaves, and a light blue cup filled with yellow liquid. A laptop is partially visible on the left side of the frame.

2021 **ACHIEVEMENTS AND AWARDS**

2021 **ACHIEVEMENT AT A GLANCE**

UTAC's Conservation Results 2012 - 2021



19.1%
Reduction in
Electricity (kWh)



8.9%
Reduction in
Water (M3)

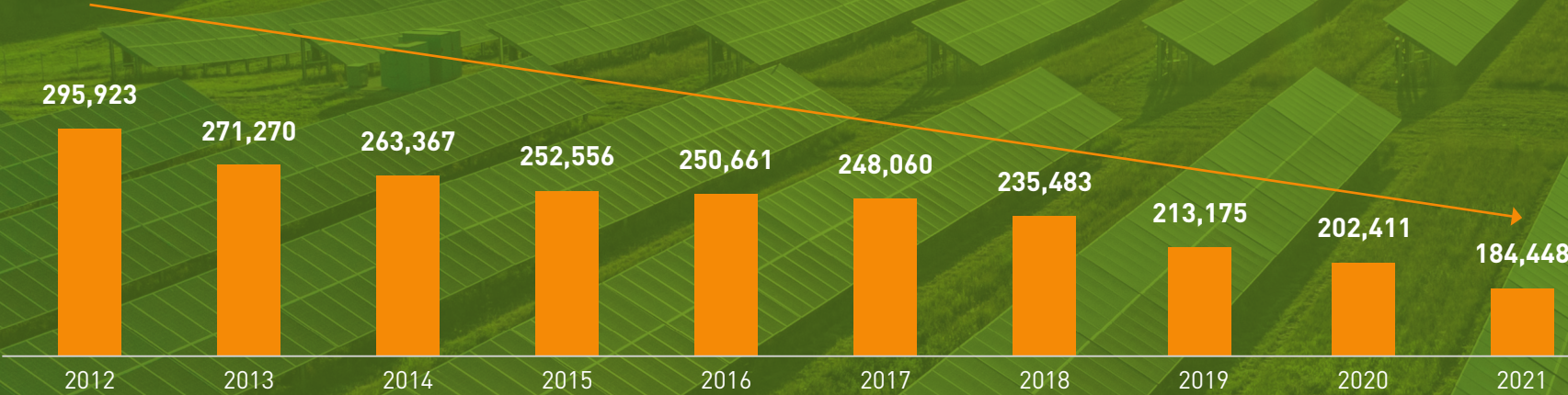


37.7%
Reduction in
CO₂ Footprint



41.1%
Increased
Water Recycling

CO₂ Emission Reduction Trend in Tons CO₂e 2012 - 2021



2021 **ACHIEVEMENT AT A GLANCE**



2021 RECOGNITION & AWARDS



2021 ACTIVITIES IN PHOTOS



1



4



7



2



5



8



3



6



9



10

- 1 UDG: Vaccination Program
- 2 UDG: Blood Donation
- 3 UTL: Blood Donation
- 4 UDG: Badminton Competition
- 5 UTL: COVID-19 Donate (\$45,534)
- 6 USG: Light Bulb Donation
- 7 UTL: New Year Make Merit
- 8 UDG: Charity Dance
- 9 UTL: Scholarship, PC and Education Donation
- 10 USG: Shaping Hearts 2021 (\$7,360 Donated)



KEY SUSTAINABILITY PROGRAMS

KEY SUSTAINABILITY PROGRAMS

2021 Achievement Summary

UTAC exceeded all its key CSR KPI metrics in 2021.

UTAC sustainability performance KPI and performance goal for 2021

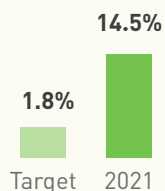


25%

Energy Efficiency Improvement

Water Consumption Reduction

Definition: Water Liter/KPCs
Reduction from same time period in 2019

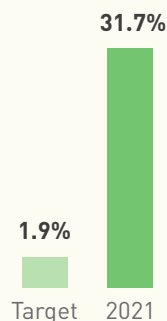


25%

Energy Efficiency Improvement

Carbon Footprint Reduction (MTCe)

Definition: Electricity, Fuel and GHG Consumption Reduction

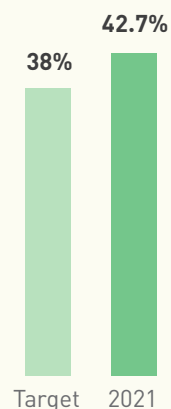


15%

Waste Management

Reuse & Recycling

Definition: Hazardous & Non-hazardous waste Reuse & Recycling

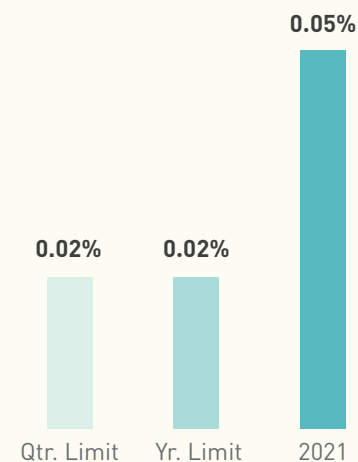


25%

EHS Compliance

Site

Definition: FSI = Frequency Severity Indicator (per 1,000,000 work hours, divided by a normalization factor of 1,000)

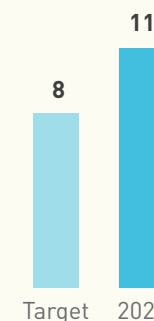


10%

Awards

Corporate Social Responsibility

Definition: Recognition from Local Government, Customers, or 3rd Party Audit



KEY SUSTAINABILITY PROGRAMS

2021 Achievement Summary

We have made significant progress in all these KPIs every year since we began tracking them in 2012. In 2021 we invested in key CSR initiatives and projects across all our manufacturing sites, these included the installation of solar panels in our Singapore facility

to reduce our carbon footprint, enhanced water recycling, and improvement of various facility system to reduce energy use. Details of our CSR investments are listed below.

Dedicated Capital Investment In 2021

UTL	USG1	USG2	UDG	UMY
<p>Wastewater recovery (invested by contractor)</p> <p>Replace high efficiency motor (5.9 KUSD)</p> <p>Install VSD for motors and pumps (0.4 KUSD)</p> <p>RO reject water reuse -recovery (3.6KUSD)</p>	<p>Water recycling-recovery (1,125 KUSD)</p> <p>Improve CDA system efficiency (3,199 KUSD)</p> <p>Solar PV project (invested by contractor)</p>	<p>Reuse CDI reject water (0.2 KUSD)</p> <p>Air conditioning system efficiency improvement (2,592 KUSD)</p>	<p>Production space optimization (943 KUSD)</p>	<p>RO membrane replacement (45.6 KUSD)</p> <p>Solar street lighting (3.7 KUSD)</p> <p>Solar Hybridge system (5.5 kW)(4.2 KUSD)</p>

TOTAL EXPENSES: US\$7.9M



KEY SUSTAINABILITY PROGRAMS

2021 Achievement Summary

- UTAC's sustainability programs are guided by the Responsible Business Alliance (RBA) framework.
- Their efforts have been recognized by international organizations such as the Environmental Management System (EMS) and the Occupational Health & Safety Advisory Services (OHSAS).
- UTAC received a new group-wide safety certification in 2020 —ISO 45001.

2021					
JAN 2021	JUL 2021	SEP 2021	OCT 2021	NOV 2021	DEC 2021
UTL1, UTL2, UTL3 Green Culture Certificate Level 4 from MOI (Ministry of Industry) Valid until Dec 2023	UTL2, UTL3 Environmental Good Governance Award from IEAT (Industrial Estate Authority of Thailand)	UTL1, UTL 2, UTL 3 Excellent Practices Establishment on Occupational Safety and Health (National Level)	USG & Corp The 15th Singapore HR Awards - Bronze Winner for BCP Category	UTL1 Zero Accident Award 2021 from Thailand Institute of Occupational Safety and Health (Public Organization)	UHQ The International CSR Excellence Award (Engineering & Manufacturing Far East Bronze Winner)
	UTL1 Zero Accident Award 2021 from Thailand Institute of Occupational Safety and Health (Public Organization)	UTL 1, UTL 2 Excellent Practices Establishment on Labor Relations and Welfare (National Level)	UDG Excellent corporate culture & recruitment practice awards		
	UMY Grade A Workplace Examination by DOSH (Dept. of Occupational Safety and Health)				

Table 3. 2021 CSR Recognition And Awards

A close-up photograph of two children's hands planting a small green sapling into reddish-brown soil. The child on the left is wearing a green t-shirt and blue shorts, while the child on the right is wearing a blue shirt. The background is a blurred green forest. The text 'CSR COMMITMENT AND STRATEGY' is overlaid on the left side of the image.

CSR **COMMITMENT AND STRATEGY**

CSR COMMITMENT AND STRATEGY

Our CSR Policy ensures that employees are able to work in a safe and healthy environment. Similarly, in communities where we operate, we understand the value of creating a healthy eco-system where everyone can thrive.

01.

Corporate Social Responsibility Policy


- Embedding environmental and social responsibility, it ensures sustainability in UTAC's business through employee education initiatives.
- In 2020, UTAC achieved a new safety certification — ISO 45001.



UTL: Scholarship to Children of employees




UID: Internship Program




Corporate Social Responsibility Policy Environmental, Health and Safety (EHS) Policy


UTAC is committed to Corporate Social Responsibility along with Responsible Business Alliance (RBA) Code of Conduct, Business Values and Global Environmental, Health, Safety and Security.



- We strive to provide a safe and healthy environment for our employees, contractors, suppliers and the communities in which we operate.



- We recognize the importance of human rights, resource conservation, community well-being and business ethics.



- We are committed to the prevention of pollution, injury and ill-health in the workplace.

We shall continually improve the management systems and every solution we offer through:

- Use of environmentally friendly materials and providing a safe plant and system of work
- Measures on pollution prevention and minimization, especially in our chemical and material handling
- Management and loss prevention with feasible advanced technology. Understanding and commitment to mitigate occupational health and safety risks including hazards elimination
- Adherence to applicable resource conservation and safe work practices and have worker or their representative to participate in the consultation. Commitment to comply with applicable local environmental, occupational health and safety legislation and other requirements including labor laws
- Ensuring that employment is freely chosen and not using child labor
- Ensuring appropriate working hours and wages payment in compliance with local labor law, including treating our employees fairly
- Non-discriminatory recruitment and freedom of association of all employees
- Zero tolerance on any form of bribery, corruption, extortion and embezzlement
- Fair conduct of business, advertising and competition
- Commitment to protecting the personal information of our customers, suppliers, and employees
- Providing appropriate communication channels for employees to raise any concerns without fear of retaliation

Figure 1. CSR /EHS Policy Statement

CSR COMMITMENT AND STRATEGY

02.

Strategy and Structure

- UTAC's Sustainability Platform is led by a global sustainability team.
- Workshops, informative webpages and townhall dialogues with senior management educate employees on the company's CSR efforts.

The primary focus of UTAC's CSR work is on the **environment and climate**.

The secondary focus is the **safety of their employees** that is monitored through the Frequency Severity Indicator (FSI) chart.



UTL: Excellent Practices
Establishment on Occupational
Safety and Health (National Level)



UDG: Safety Week



UTL: Environmental Good
Governance Awards

CSR COMMITMENT AND STRATEGY (CONT.)

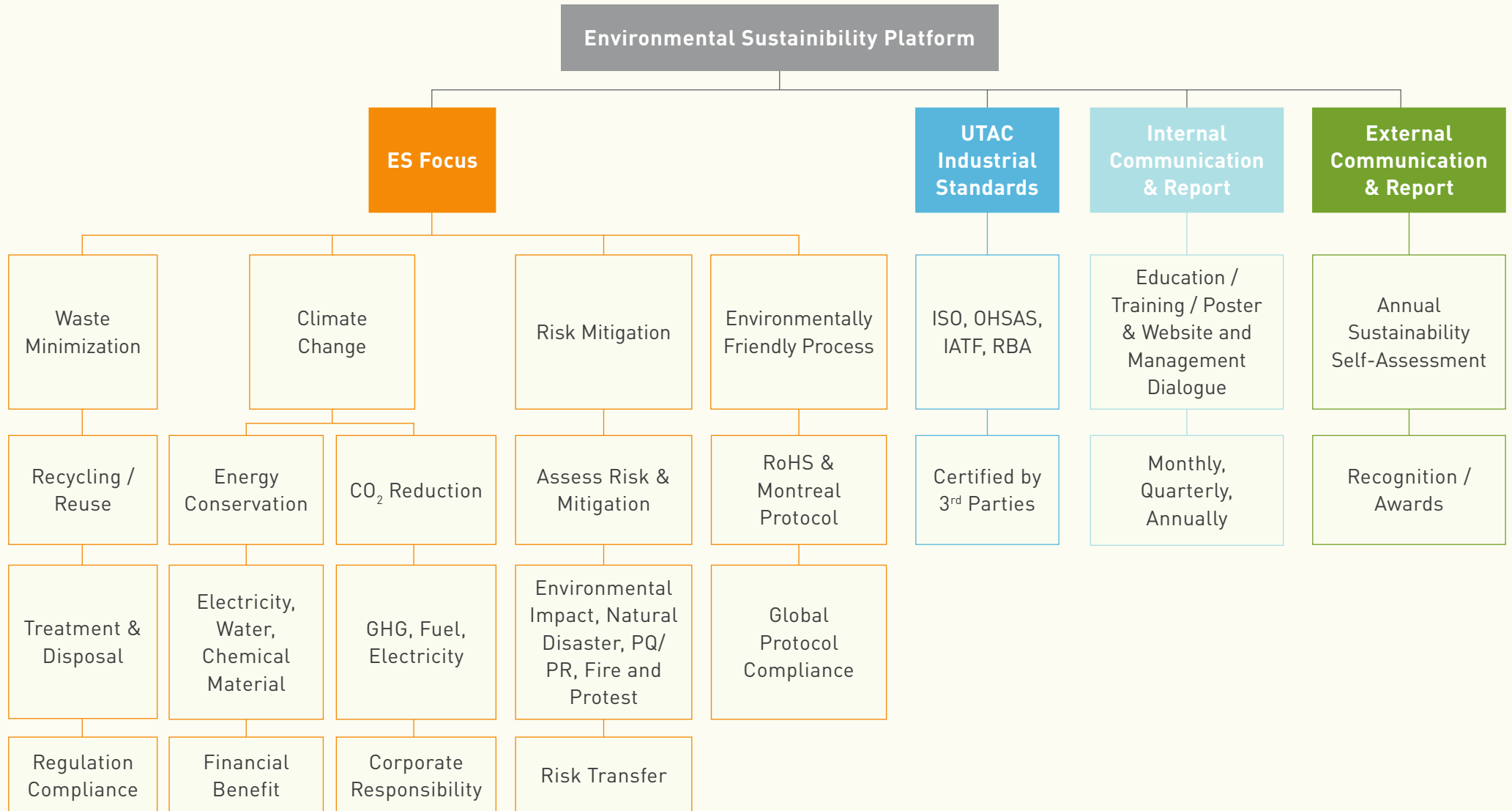


Figure 2. Detailed Scope Of EHS/CSR

CSR COMMITMENT AND STRATEGY (CONT.)

02. Strategy and Structure

In summary, UTAC's CSR policy is formed based on the following key aspects:

- Assessing environmental aspects and risk; identify significant environmental impact; and initiate control and/or mitigation procedures.
- Building a platform to focus on **significant sustainability risk mitigation**; and quantify financial benefit associated with sustainability programs.
- **Enhancing internal and external education**, to adopt environmental sustainability approaches within UTAC, and advocate and promote sustainable practices with contractors and suppliers.



UID: Eco Green Activity



UTL1 : Wastewater Recycling



UTL1 : Energy Saving

CSR COMMITMENT AND STRATEGY (CONT.)

03. Environment and Climate

- Boosting energy efficiency while reducing carbon footprint.
- Providing customers with energy efficient and environmentally-friendly products and solutions.
- Managing resources effectively to lower energy consumption.
- Working with partners and suppliers to reduce environmental impact throughout the product life cycle.

UTAC's assembly and testing processes and products are in full compliance with:



The RoHS (Restriction of Hazardous Substances) Directive:
Restricts the use of 6 hazardous materials found in electrical and electronic products.



The Montreal Protocol:
Addressing substances that deplete the ozone layer.

i. Resource Management and Energy Conservation

- UTAC invested in selected programs.
- Carried out ongoing programs to raise awareness.
- Consistently encouraged employees to participate in energy conservation, recycling and responsible waste management initiatives.



UID: Environmental Day

CSR COMMITMENT AND STRATEGY (CONT.)

ii.

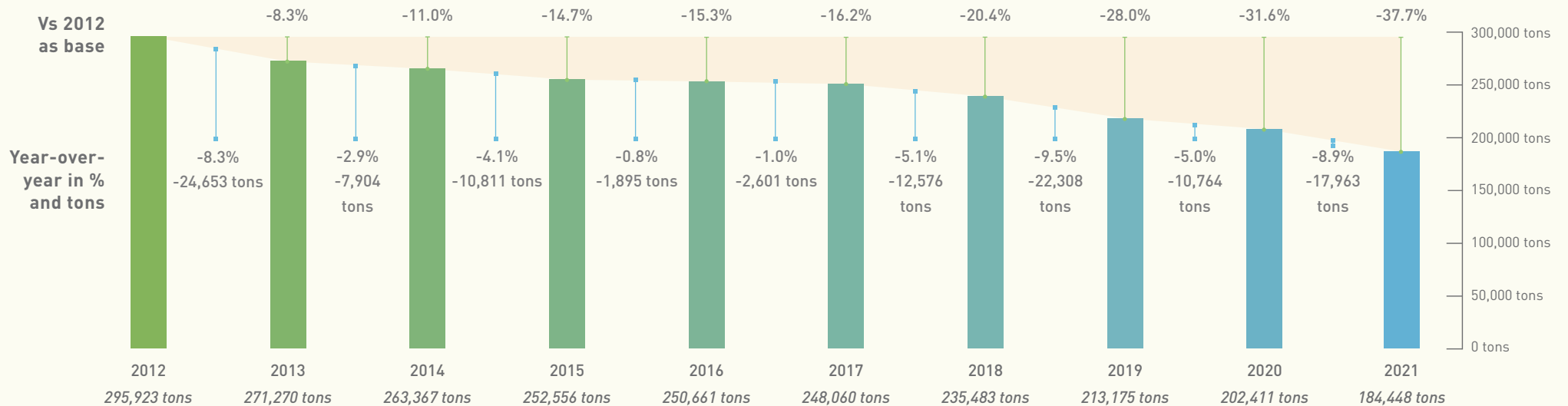
Carbon Footprint and Environmental Protection

UTAC continuously enhances its environmentally friendly processes and practices.

In 2021, UTAC's CO₂ discharge was 184,448 tons, representing a **reduction of 17,963 tons (equivalent 824,000 mature trees protection)** on climate change or 8.9% reduction year-over-year.

We have **reduced our carbon footprint every year since our plan inception in 2012** and **by 37.7%** over the 9 years (since 2012) as shown below.

Carbon Footprint Reduction Year-Over-Year and Since 2012



CSR COMMITMENT AND STRATEGY (CONT.)

iii. Water Conservation

UTAC utilized reclaimed water for 41.1% or 1,289,556 m3/year of its water usage through various filtration systems in 2021

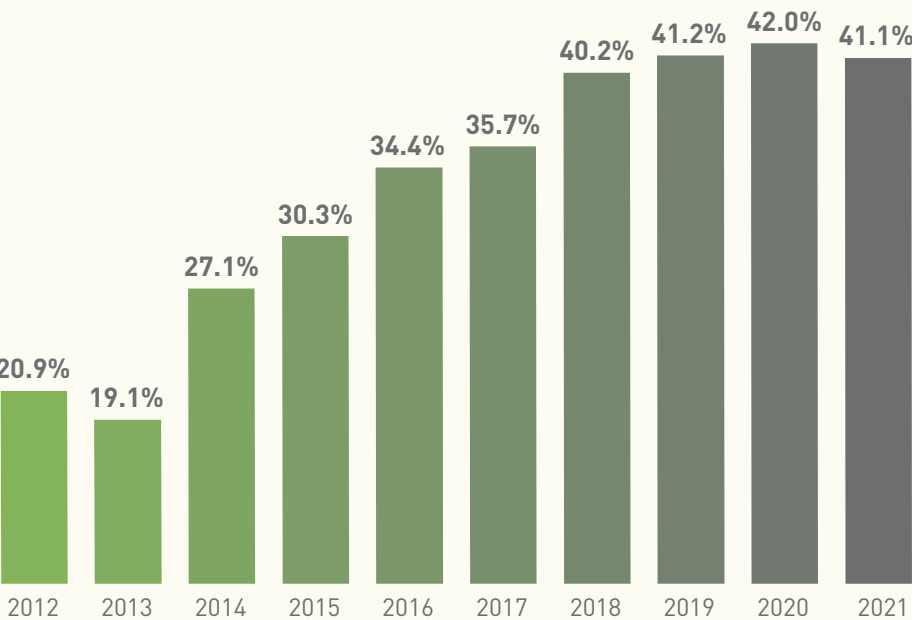


Figure 3. Double The Amount of Water Recycled Since 2012

iv. Waste Management

UTAC has increased its waste recycling from 1,745 tons in 2020 to 2,581 tons in 2021 (increasing from 38% to 43%)

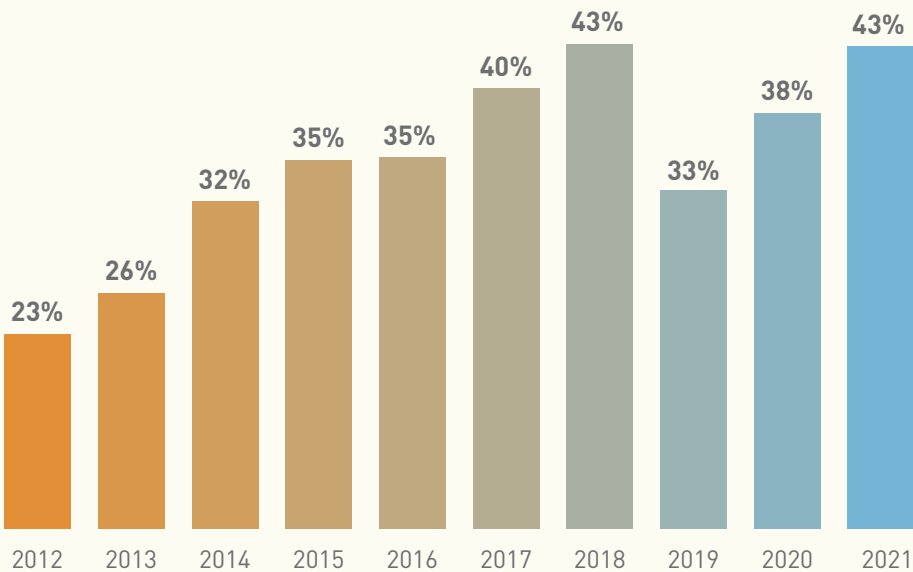


Figure 4. Almost Half of All Waste Produced Gets Recycled at UTAC

CSR COMMITMENT AND STRATEGY (CONT.)

V.

Safety Incidents

- UTAC's aim is to keep the FSI as low as possible.
- Its ultimate target is an FSI figure of “zero”.

$$FSI = \sqrt{\frac{[AFR \times ASR]}{1000}}$$

Where,

FSI = Frequency Severity Indicator

AFR = Accident Frequency Rate =

number of accidents / total number of

work hours ASR = Accident Severity

Rate = number of lost hours due to

accident / total number of work hours

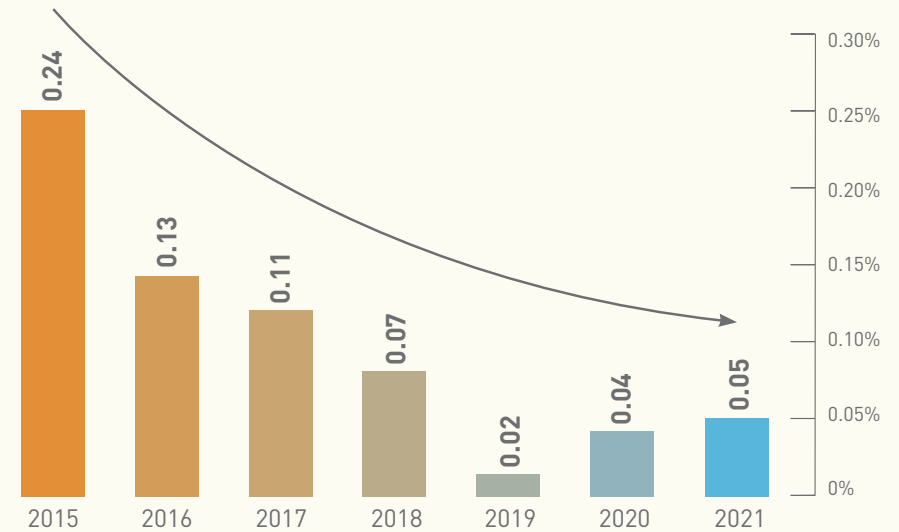
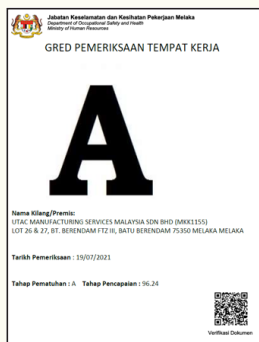


Table 5. FSI Figures Across the Years



UTL: Excellent Practices Establishment on Labor Relations and Welfare (National Level)



UID: Internship Program



UTL: Excellent Practices Establishment on Occupational Safety and Health (National Level)

CSR COMMITMENT AND STRATEGY (CONT.)

vi.

Corporate Governance and Compliance

Our Management System complies with the RBA Code of Conduct.



CSR COMMITMENT AND STRATEGY (CONT.)

vii. Business Continuity Plan and Risk Mitigation

UTAC's potential business risks are classified into 3 categories – high, medium and low. Each risk has been outfitted with a detailed business continuity plan using the FMEA (Failure Mode and Effect Analysis) assessment tool to mitigate pitfalls.

UTAC Risk Management Classification and Plan













Equipment risk assessment:		Material risk assessment:	
HIGH (as risk ranking 1 & 2)	 <ol style="list-style-type: none"> 1. Equipment is from a single source with no alternative site 2. No alternative supplier capable to manufacture the same equipment 3. No same equipment / capability in UTAC (same or another site) 	 <ol style="list-style-type: none"> 1. Single source with no alternative source. No alternative supplier with similar capacity 	 <ul style="list-style-type: none"> • Work with supplier for business continuity plan • Immediate qualification (within 1–2 quarters) of alternative source • Regular review of inventory level / commitment to 13 weeks rolling forecast
	 <ul style="list-style-type: none"> • Work with supplier for business continuity plan (<i>point 1 only</i>) • Immediate qualification (within 1-2 quarters) of alternative source (<i>points 2 & 3</i>) 		
MEDIUM (as risk ranking 3)	 <ol style="list-style-type: none"> 1. Have alternative source or supplier site with the same capability but located in the same region 2. No duplicate of equipment in another UTAC site 	 <ol style="list-style-type: none"> 1. Have alternative source or supplier site with the same capability and located in the same region 	 <ul style="list-style-type: none"> • Regular review of supplier's inventory level • Qualification of alternative source or material within (2–3 quarters)
	 <ul style="list-style-type: none"> • Qualification of alternative source or material (within 2–3 quarters) 		
LOW (as risk ranking 4)	 <ol style="list-style-type: none"> 1. Have alternative source or site with the same capability and are in different regions 2. Site has duplicate of equipment. Other UTAC sites have the same equipment and capability another site) 	 <ol style="list-style-type: none"> 1. Availability of alternative source or site with the same capability and alternative source or site is in different region 	 <ul style="list-style-type: none"> • No immediate action needed • Regular review of supplier's inventory level • Continuous review of supplier's performance and support (Supplier business review)
	 <ul style="list-style-type: none"> • No immediate action needed 		

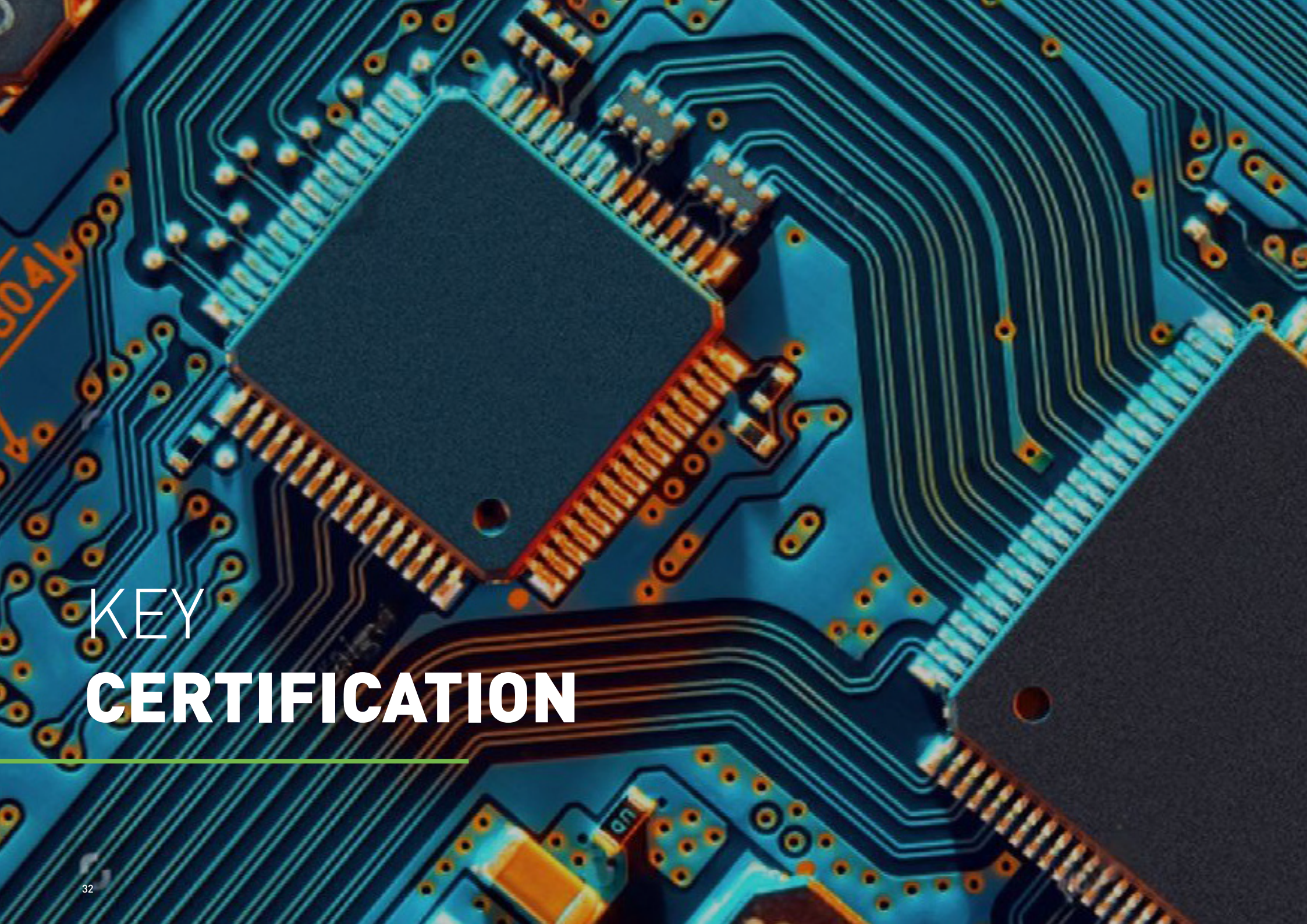
Table 7. UTAC's Risk Classification and Mitigation Plans

CSR COMMITMENT AND STRATEGY (CONT.)

- UTAC conducts regular audits of their systems and processes.
- Third party audits — Environmental Management System (EMS) and Occupational Health & Safety.
- Advisory Services (OHSAS) provide the framework for UTAC's business continuity plan.

Risk Mitigation Flowchart





KEY CERTIFICATION

KEY CERTIFICATION AND INDUSTRIAL STANDARD COMPLIANCE

UTAC met ISO 14001, ISO 45001 and IATF 16949 industrial standards.





Compliance Topic	Site	Expiry Date	Certification Body	Description	Compliance Topic	Site	Expiry Date	Certification Body	Description
 ISO 9001 : 2015 Linkage: <i>Certified</i> Certified Period: <i>3 years</i>	USG 1	8 Jul 2024	TUV SUD PSB Pte Ltd	Certificate No. 2003-1-0565	 ISO 45001 : 2018 Linkage: <i>Certified</i> Certified Period: <i>3 years</i>	USG 1	8 Jul 2024	TUV SUD PSB Pte Ltd	Certificate No. OHS-45001-2020-0201-2
	USG 2	3 Jul 2024		Certificate No. 2016-2-2401		USG 2			Certificate No. OHS-45001-2020-0201-1
	USG 3	28 Sep 2024	TUV SUD Management Service GmbH	Certificate No. 12 100 58228 TMS		USG 3			Certificate No. OHS-45001-2020-0201-10
	UTL 1	8 Aug 2024		Certificate No. 12 100 54168/01 TMS		UTL 1			Certificate No. OHS-45001-2020-0201-3
	UTL 2	13 Jul 2024		Certificate No. 12 100 54168/03 TMS		UTL 2			Certificate No. OHS-45001-2020-0201-4
	UTL 3	29 Oct 2023		Certificate No. 12 100 54168/02 TMS		UTL 3			Certificate No. OHS-45001-2020-0201-5
	UID	7 Sept 2024		Certificate No. 12 100 55116 TMS		UID			Certificate No. OHS-45001-2020-0201-6
	UMY	29 Jul 2024		Certificate No. 12 100 54554 TMS		UMY			Certificate No. OHS-45001-2020-0201-7
	UDG	13 Aug 2024		Certificate No. 12 100 54359 TMS		UDG			Certificate No. OHS-45001-2020-0201-8
 ISO 14001 : 2015 Linkage: <i>Certified</i> Certified Period: <i>3 years</i>	USG 1	8 Jul 2024	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-2	 IATF 16949 : 2016 Linkage: <i>Certified</i> Certified Period: <i>3 years</i>	USG 1	15 Jul 2024	TUV SUD PSB Pte Ltd	Certificate No. 12 111 42103 TMS
	USG 2			Certificate No. 2016-0676-1		USG 2	28 Jul 2024		Certificate No. 12 111 52659 TMS
	USG 3			Certificate No. 2016-0676-10		USG 3	28 Sept 2024		Letter of Conformance No. 12 111 58228
	UTL 1			Certificate No. 2016-0676-3		UTL 1	8 Jul 2024		Certificate No. 12 111 54168/01 TMS
	UTL 2			Certificate No. 2016-0676-4		UTL 2	13 Jul 2024		Certificate No. 12 111 54168/03 TMS
	UTL 3			Certificate No. 2016-0676-5		UTL 3	8 Dec 2024		Certificate No. 12 111 54168/02 TMS
	UID			Certificate No. 2016-0676-6		UID	7 Sept 2024		Certificate No. 12 111 55116 TMS
	UMY			Certificate No. 2016-0676-7		UMY	29 Jul 2024		Certificate No. 12 111 54554 TMS
	UDG			Certificate No. 2016-0676-8					

Table 4. UTAC Group Industrial Standards, Key Certification Listing by Site

OUR GLOBAL FOOTPRINT

● Sales Office ● Factories ● Rep Office



GLOSSARY

A

AFR	Accident Frequency Rate
ASR	Accident Severity Rate

B

BCP	Business Continuity Plan
BI	Business Interruption

C

CEO	Chief Executive Officer
CO₂	Carbon Dioxide
CSR	Corporate Social Responsibility

E

ECN	Engineering Change Notice
EHS	Environmental, Health and Safety
EMS	Environmental Management System
ERT	Emergency Response Team
ES	Environmental Sustainability

F

FM 200	Type of clean agent fire extinguisher
FMEA	Failure Mode and Effect Analysis
FSI	Frequency Severity Indicator

G

GHG	Green House Gases
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H

HR	Human Resource
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I

IATF	The International Automotive Task Force
ISO	International Organization for standardization

K

KG	Kilograms
KPI	Key Performance Indicator
KPC	Kilo-pin- count of output
kWh	Kilowatt Hour

M

MTCE	Metric Tons of Carbon Equivalent
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N

NFEC	National Fire and Civil Emergency Preparedness Council
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O

OHSAS	Occupational Health & Safety Advisory Services
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P

PD	Property Damage
PHA	Preliminary Hazard Analysis
PPE	Personal Protective Equipment
PQ/PR	Power Quality/Power Reliability
PVD	Provident Fund

R

RBA	Responsible Business Alliance
RO	Reverse Osmosis
RoHS	Restriction of Hazardous Substances

T

TUV SUD	Name of Certification Body for all management system
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U

UDG	UTAC Dongguan (China)
UID	UTAC Indonesia
UMY	UTAC Malaysia
UPS	Uninterruptible Power Supply
USD	United States Dollar
USG	UTAC Singapore
UTAC	United Test and Assembly Center
UTL	UTAC Thai Limited

V

VSD	Variable Speed Drive
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