





CORPORATE SUSTAINABILITY REPORT 2019



Page 3	Message from CEO
Page 4	2019 Achievement at a Glance
Page 5	2019 Activities in Figures
Page 6	Key Sustainability Programs and Achievements
Page 9	CSR Commitment and Strategy
Page 22	Key Certification and Recognition
Page 24	2019 Activities in Photos
Page 26	Glossary



Message from CEO

At UTAC, we believe that our focus on sustainability creates value as well as a healthy and robust environment for our employees, suppliers, partners and the communities in which we operate. We place a strong emphasis on continually developing, reviewing and improving our sustainability programs, whether it is for social, environmental or business sustainability. It is our belief that strong governance and leadership form the foundation for growth and sustainable business development. In that line, we have developed a robust Corporate Social Responsibility (CSR) policy and implemented responsible business practices across our global footprint. We have also established systems and processes for continuous improvement in our CSR practices in our operations and all business transactions.

Our approach to sustainability is centred on identifying and managing potential environmental impact through initiatives aimed at maximising energy efficiency, effective resource management, and reducing carbon emissions. In addition, we hold ourselves to high levels of corporate governance, adhering to all the relevant local and international regulations, standards and guidelines. We have established processes for systematic monitoring and risk management for business sustainability and continuity.

Our CSR policy is aligned with the Responsible Business Alliance (RBA) Code of Conduct and serves to provide clear guidance on UTAC's business values and policies with regards to the environment, health, safety and security. Group-wide directive on our CSR Policy and Commitment Statement is continually communicated to all our employees. We regularly monitor and conduct audits of our sustainability performance to ensure compliance and identify opportunities for continuous improvement.

I am pleased to report that 2019 was another great year as we exceeded all our CSR KPI goals, a testament to our continuous commitment towards Corporate Social Responsibility.

DR. JOHN NELSON
President and Chief Executive Officer





2019 Achievement at a Glance

In 2019,
we exceeded all our key CSR
KPI metrics (year over year)

Since 2012,
significant improvement achieved
since CSR program inception

3.9%

Reduction in Electricity
(kWh)



17.7%

Reduction in Electricity
(kWh)

4.0%

Reduction in Water (M³)



15.3%

Reduction in Water (M³)

9.5%

Reduction in CO₂ Footprint



28%

Reduction in CO₂ Footprint

33%

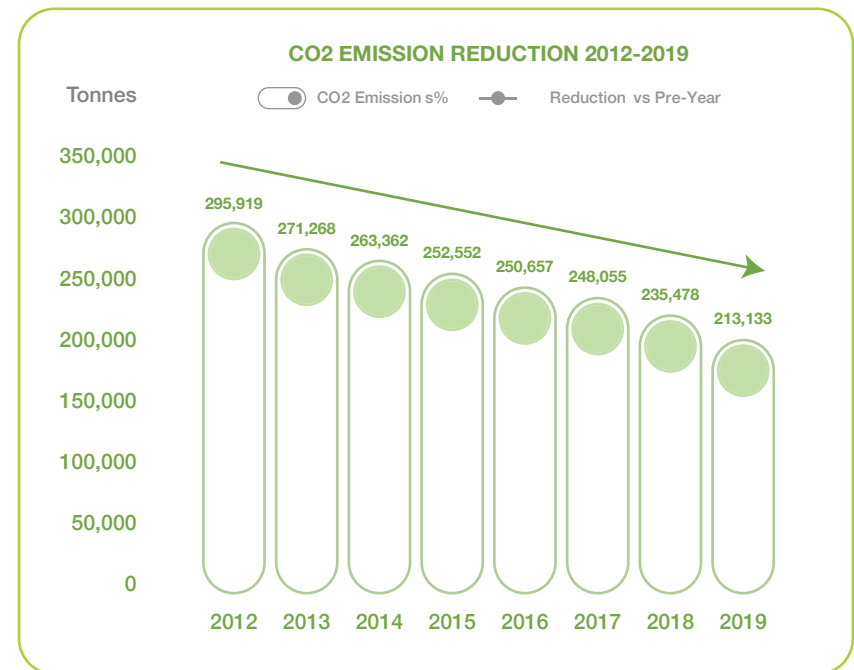
Increase in Waste
Management Recycling



42%

Increase in Waste
Management Recycling

REDUCED CO2 ADMISSION EVERY YEAR SINCE 2012



2019 Activities in Figures



163
Activities



735
Volunteer
Hours



\$66.4K
Donations



11
Blood Drives
(270,100cc)



260
Trees

- ▶ 11 Blood drives with blood donated 270,100 cc
- ▶ Used cloths donated 2,087 kgs
- ▶ Vaccine donated 215 doses



51%
Volunteering / CSR /
Community Outreach



8%
Environmental



32%
Fitness / Health /
Safety



9%
Philanthropy

2019
CSR /
COMMUNITY
OUTREACH
ACTIVITIES

- ▶ Fund Raised US\$66,423

UDG

UID

UMY

USG1

USG2

UTC

UTL

2019: CSR / Community Outreach Hours

05

0

100

150

200

250

300

350



Key Sustainability Programs

2019 Achievement Summary

UTAC's CSR KPIs indices include areas of energy efficiency improvement focusing on water consumption reduction and our carbon footprint reduction, waste management through reuse and recycling, EHS compliance through number of incidents/accidents by site. It also includes awards we receive for our efforts in CSRs. We strongly believe that awards in the form of recognition from the community is a significant testament to our CSR success. **In 2019, we met and exceeded all overall corporate CSR KPI indices.** Additionally, we have met our KPI across all our manufacturing sites. The results are summarized in Table 1.

TABLE 1. UTAC SUSTAINABILITY PERFORMANCE KPI AND PERFORMANCE GOAL FOR CY2019

KPI Index	Area	Definition	Weight	Goals	UTL1	UTL2	UTL3	UDG	UTC	USG1	USG2	UMY	UID	UTAC
Energy Efficiency Improvement	Water Consumption Reduction	Water Liter/KPCs Reduction From Same Time Period in 2018	25%	Target	2.0%	5.2%	9.9%	-12.0%*	0.0%	0.7%	0.1%	10.0%	3.6%	2.2%
				2019	3.7%	7.5%	34.3%	-3.4%	10.3%	3.9%	8.4%	9.3%	23.2%	4.0%
	Carbon Footprint Reduction (MTCE)	Electricity, Fuel and GHG Consumption Reduction	25%	Target	1.9%	2.9%	5.7%	-10.0%*	2.6%	2.7%	0.9%	4.0%	1.1%	1.3%
				2019	21.9%	21.8%	28.0%	-6.8%	9.5%	9.8%	15.7%	5.7%	5.6%	9.5%
Waste management	Reuse & Recycling	Hazardous & Non hazardous waste Reuse & Recycling	15%	Target	20%	80%	80%	20%	20%	8%	8%	8%	8%	28.0%
				2019	20.4%	88.9%	92.7%	33.3%	47.2%	31.0%	10.9%	49.7%	85.2%	33.0%
EHS Compliance	Site	# of Incident / Accident	25%	Qtr Limit	0.12	0.30%	0.49	0.34	0.62	0.52	0.45	0.43	0.26	0.36
				Yr Limit	0.04	0.08	0.09	0.27	0.15	0.21	0.18	0.08	0.03	0.14
				2019	0.0	0.0	0.0	0.11	0.0	0.04	0.0	0.0	0.0	0.02
Awards	Corporate Social Responsibility	Recognition from Local Government, Customers, or 3rd Party Audit Improve	10%	Target	1	1	1	1	1	1	1	1	1	9
				2019	2	3	3	0	25	2	3	2	5	20
				Score (total 100 points)	100.0	100.0	100.0	80.0	100.0	95.2	100.0	98.3	100.0	95.8

100% of target met 90-100% of target met <90 of target met

Results of 2019 CSR KPIs showing exceeding all the targets
(*Water and energy management in UDG for 2019 shows negative number as the site expanded significantly in 2019)



Additionally, we have made significant progress in all these KPI every year since their inception in 2012 – the details of these achievements are discussed in section “CSR Commitment and Strategy”.

In 2019 we invested in some key CSR initiatives/projects across all our manufacturing sites such as solar cell installation to reduce carbon footprint in our Thailand facility and high-efficiency LED light replacement across multiple sites. Details of our CSR investment items are listed in table 2.

TABLE 2. DEDICATED CAPITAL INVESTMENT IN 2019

Size	Projects
UTL	Solar cell project to reduce carbon footprint
	Chilled water plant efficiency improvement
	High efficiency LED replacement
	Collect saw waste water back to system for reuse
USG1	High efficiency LED replacement
	Chilled water plant efficiency improvement
	Improve RO Recovery Efficiency of RO-CDI Plant
USG2	High efficiency LED replacement
	Chilled water plant efficiency improvement
	Consolidation of Corporate offices
	Replace aging cooling tower
UDG	Upgrade air compressor to improve efficiency
	High efficiency LED replacement
UTC	Install VSD at various pumps
	Power optimization for 58 AHUs
UMY	Re-piping Vacuum pipe to reduce energy usage
	Overhaul AHU & Install split type unit to reduce energy
	Reuse RO reject water to top-up cooling towers
UID	High efficiency LED replacement
	Install VSD at various pumps
	Optimize Vacuum pump running program



Our focus on comprehensive, quality sustainability programs has been guided by frameworks such as the RBA. Our efforts have been recognized by international organizations such as the Environmental Management System (EMS) and the Occupational Health & Safety Advisory Services (OHSAS), as we prepare to transition to a new safety certification ISO 45001 group wide in 2020.

We are also pleased to report that in 2019, we have received several awards and recognition for our CSR efforts from government agencies and international industry associations from Malaysia, Indonesia, Thailand, Taiwan and Singapore. These recognition and awards are listed in table 3.

TABLE 3. 2019 CSR RECOGNITION AND AWARDS

Site	Recognition & Awards	Date
UMY	Cooperation and support in enabling the Swcorp Malacca One-Year Program with Bemban State Assemblyman Jasin	Jan 2019
UID	Zero Accident Award from Government	May 2019
UTL 1-2-3	Good Governance Award by Dept. of Business Development	Jul 2019
UTL 2-3	Zero Accident Award from Ministry of Labor and Welfare	Jul 2019
UID	2019 Award from Nuclear Energy Regulatory Agency of Indonesia	Jul 2019
UTC	Appreciation Letter from CTSP (Central taiwan Science Park) Bureau for executing "Talent Development Plan on IC Tesing"	Aug 2019
UID	Self Managed Bonded Zone Award	Sep 2019
USG 1-2	Appreciation Letter from Singapore Cancer Society for Generous Donaion	Sep 2019
USG 1-2	Certificate of Appreciation from National Fire and Civil Emergency Preparedness Council (NFEC) for participation in Mass Fire Evacuattion Drill 2019	Sep 2019
UTL 1-2-3	2019 Happy PVD Company by The Securities and Exchange Commission, Thailand	Oct 2019
USG 2	Communiy Chest Bronze Award 2019	Oct 2019
Corp.	Human Resources Excellent Awards	Oct 2019
UMY	Recognition letter from Department of Environmental (DOE) for participating in CSR during National Environment Day	Nov 2019
UID	HR Excellent Award: The Winner of The Well Being	Nov 2019
UID	CSR Award from West Java Governor	Nov 2019

As part of our commitment to sustainability, UTAC also prioritizes risk mitigation and business continuity planning to proactively address and prepare for any vulnerabilities and potential risks to our business operations. This is discussed in detail under section "Business Continuity Plan and Risk Mitigation" in page 20.

CSR Commitment and Strategy

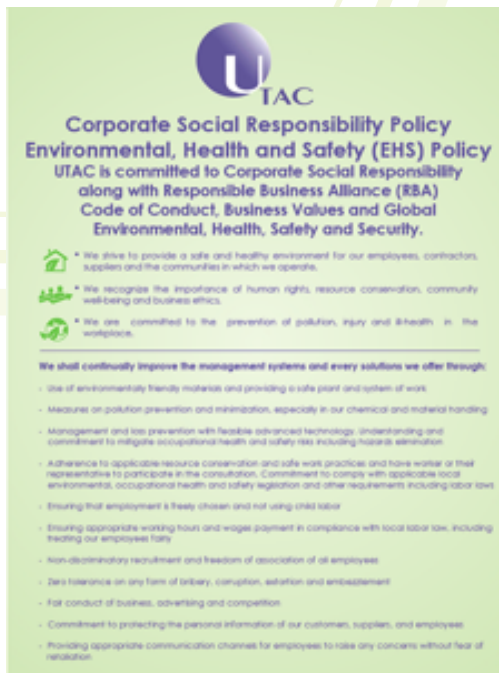


FIGURE 1.
CSR /EHS POLICY STATEMENT



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.

1. Corporate Social Responsibility Policy

Under the leadership and direction of the CEO, UTAC issued a company-wide “Corporate Social Responsibility Policy and Commitment Statement” directive to all employees to provide clear guidance on UTAC’s sustainable business practices. UTAC continuously works towards being a company that embeds environmental and social responsibility and sustainability in all aspects of our business, from product and service development to employee education initiatives.

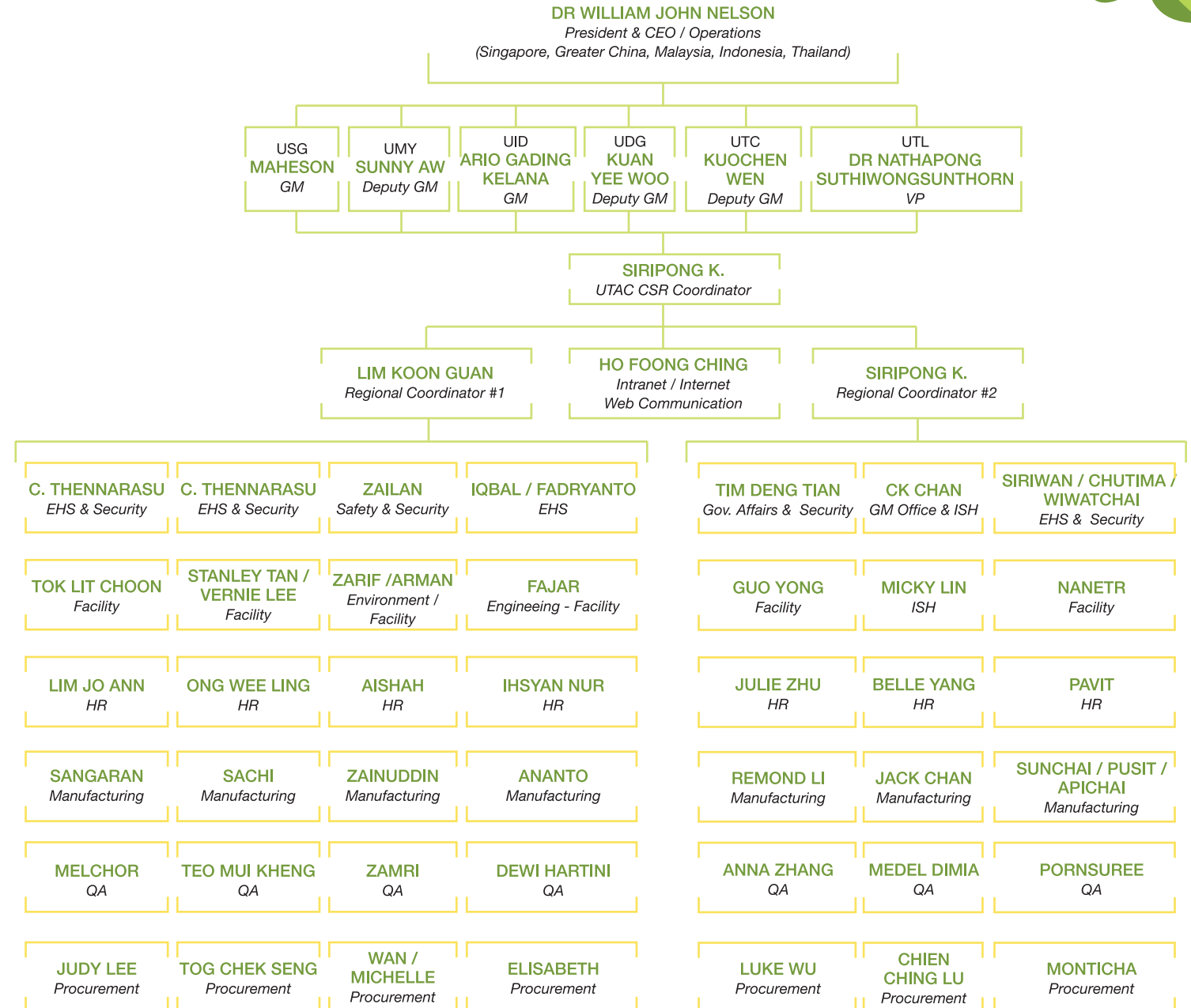
In order to transition from OHSAS 180001 to the new safety certification ISO 45001, the CSR Management reviewed and made amendments to the UTAC CSR/EHS policy and statement which were approved by the CEO. It is shown in figure 1 below.



FIGURE 2. DETAILED CSR ORGANIZATION CHART

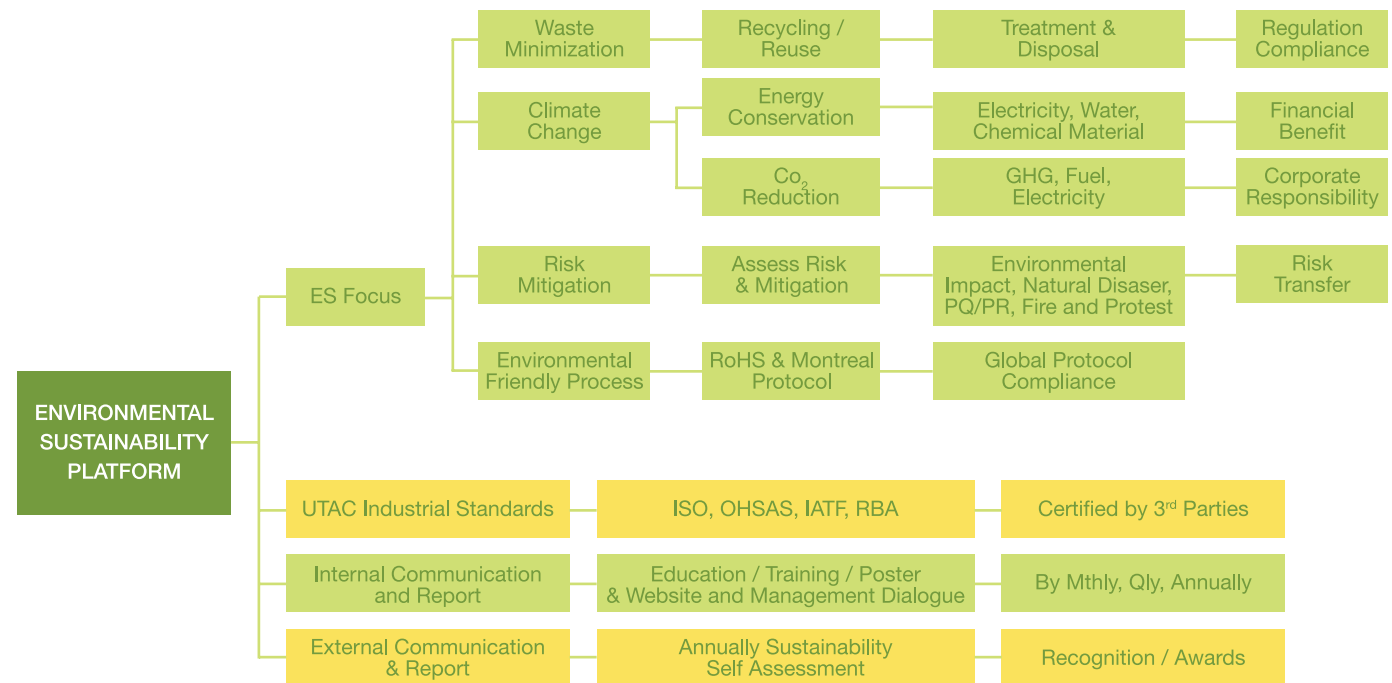
2. Strategy and Structure

In order to effectively execute UTAC's commitment across all sites, UTAC has established a Sustainability Platform led by a global sustainability team that is responsible for driving and implementing initiatives within each local community. UTAC has a single point of contact to manage CSR activities across all sites. The CSR organization chart is shown in figure 2.



This team is responsible for driving sustainable business practices throughout each of our offices or facilities. Figure 3 shows the detailed scope of our CSR activities. While we focus on all aspect of the CSR work, some of the key areas worth mentioning is our focus on Environment and Climate. Additionally, we take the safety of our employees as one of the top priorities and we monitor it through FSI chart.

FIGURE 3. DETAILED SCOPE OF CSR





Education and enablement are key to ensuring that each employee understands the importance of sustainability. As such, beyond the organizational adoption of environmental sustainability, every employee will learn the value and significance of these concepts through educational workshops, our informative UTAC Sustainability webpage and at town hall dialogues with senior management.

In summary, our CSR policy is formed based on the following key aspects.

- Assess environmental aspect and risk; identify significant environmental impact; and initiate control and/or mitigation procedures.
- Build a platform to focus on significant sustainability risk mitigation; and quantify financial benefit associated with sustainability programs.
- Enhance internal and external environment education, to not only adopt environmental sustainability approaches within UTAC, but also advocate and promote sustainable practices with contractors and suppliers.



Some of our key focus areas: While we focus on all aspects of our CSR work, some key areas of our CSR activities are described below.

3. Environment and Climate

UTAC strives to reduce the environmental and climatic impact of our operations through active effort to boost energy efficiency whilst reducing our carbon footprint and managing resources effectively to lower energy consumption. We do this through technological innovations to provide customers with energy efficient and environmentally-friendly products and solutions, as well as working with our partners and suppliers to reduce environmental impact throughout the product lifecycle.

We focus on using resources wisely and promoting environmental-friendly process applications to conserve energy and reduce consumption of electricity, water, raw materials; reduce carbon footprint; minimize waste generation and avoid intractable waste generation; maximize waste reuse and recycling; and treat and dispose waste responsibly in accordance with the relevant laws and regulations.

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

- The RoHS (Restriction of Hazardous Substances) Directive, which originated in the European Union, and restricts the use of six hazardous materials found in electrical and electronic products.
- The Montreal Protocol on Substances that Deplete the Ozone Layer.

i. Resource Management and Energy Conservation

In UTAC, environmentally responsible behaviour is an essential part of our philosophy. We take action to minimize our impact on the environment in every facet of our business. In this line, we continually invest in selected programs (2019 investments are shown in table 2). By efficiently and effectively managing UTAC's resources, we aim to minimize our carbon footprint, maximize energy conservation and improve water management. Furthermore, we realize that environmentally-responsible behaviour can only be achieved if employees at every level play their part. This is why we have ongoing programs to raise awareness and encourage UTAC employees to participate in energy conservation, recycling and responsible waste management initiatives.

ii. Carbon Footprint and Environmental Protection

Environmental protection is a fundamental requirement in all that we do. UTAC is committed to addressing climate change challenges through measures and initiatives to proactively minimize our carbon footprint and greenhouse gas emissions. We continuously enhance environmental-friendly processes and practices that are in line with industry standards throughout our operations in Singapore, Thailand, Taiwan, China, Indonesia and Malaysia.

In 2019, UTAC's CO₂ discharge was 213,133 tons, representing a reduction of 22,344 tons (equivalent 744,800 trees protection) on climate change or 9.5% reduction year-over-year. We have reduced our carbon footprint every year since our plan inception in 2012 and by 28% over the 7 years (since 2012) as shows in Table 4 below. Additionally, our goal is to reduce CO₂ footprint by another 15% in 2024 (over 2018).

TABLE 4. CO₂ EMISSION REDUCTION VS Y2012 BASE YEAR (%)

Carbon footprint reduction year-over-year and since 2012

Year	CO ₂ Emission (Tons)	% Reduction vs Pre-Year	CO ₂ Reduction vs Pre-Year (Tons)	% Reduction vs Y2012 as Base
2012	295,919	-	-	-
2013	271,268	-8.3%	-24,652	-8.3%
2014	263,362	-2.9%	-7,905	-11.0%
2015	252,552	-4.1%	-10,810	-14.7%
2016	250,657	-0.8%	-1,895	-15.3%
2017	248,055	-1.0%	-2,602	-16.2%
2018	235,478	-5.1%	-12,577	-20.4%
2019	213,133	-9.5%	-22,344	-28.0%

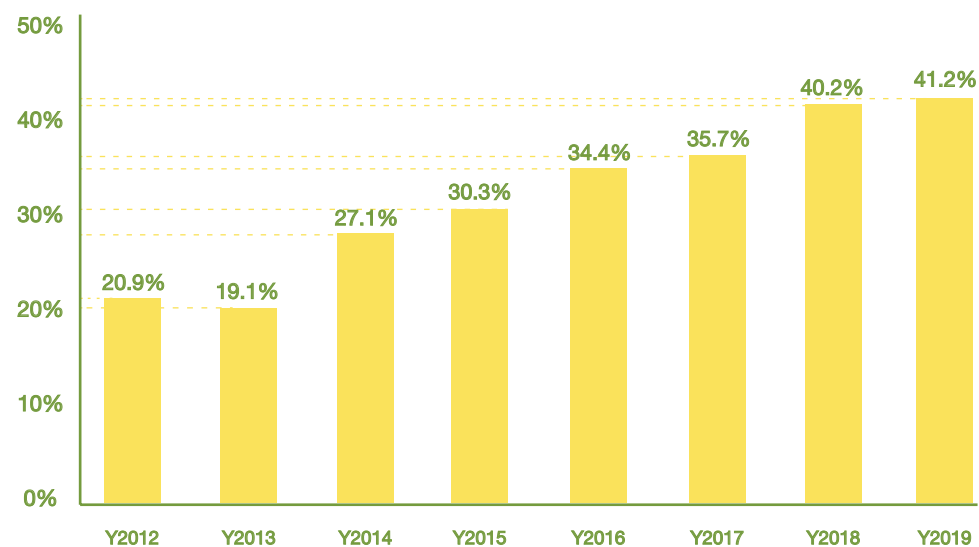




iii. Water Conservation

Water conservation is a key pillar in UTAC's 2019 environmental sustainability plan. To enhance water conservation, we utilized reclaimed water for 41.2% or 1,203,904 m3/year of our water usage through a micro filtration system in 2019. As shown in figure 4, our water recycling has continuously increased since program inception since 2012.

FIGURE 4. WATER RECYCLING TREND SINCE 2012





iv. Waste Management

UTAC's approach to waste management starts with using resources wisely and applying environmentally-friendly process to avoid intractable waste generation, minimize waste through recycling and reuse, and responsible treatment and disposal of waste in compliance with regulations where waste cannot be eliminated.

Through UTAC's waste management strategy, we have successfully minimized waste generation by reducing the amount of waste from 5,347 tons in 2018 to 4,375 tons in 2019 (a 18% reduction). However, the drop in waste recycling from 43% to 33% in 2019 was attributed by the increase in chemical waste produced by new processes in 2019. Figure 5 shows results of our waste recycling effort on year-over-year basis since program inception in 2012.

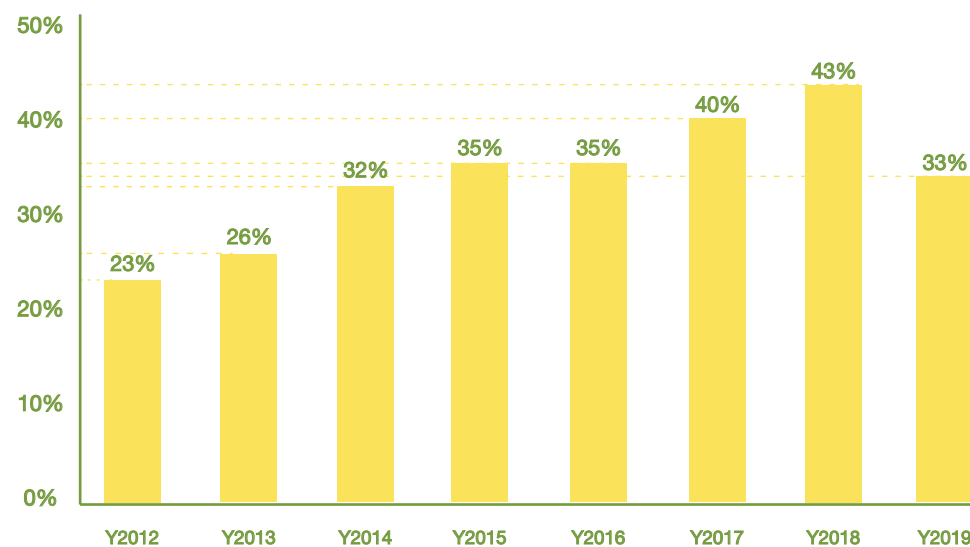




Strategy to control waste management encompasses the following:

- Avoid generation of intractable wastes
- Encourage waste minimization
- Encourage waste reuse, recovery and recycling
- Regulation collection, treatment, and disposal
- Monitor and audit collection, treatment and disposal
- Promote and support educational and training programs around waste responsibility

FIGURE 5. WASTE RECYCLING RESULTS SINCE 2012



v. Safety standards

Each site works diligently to provide a safe working environment. In this regards the ultimate goal is to get to “zero incident” at each of our site. We monitor the safety standard by site though Frequency Severity Indicator (FSI). FSI is calculated using the following formula.

$$FSI = \sqrt{\frac{(AFR \times ASR)}{1000}}$$

Where,

FSI = Frequency Severity Indicator

AFR = Accident Frequency Rate = number of accidents resulting in work hours / total number of work hours

ASR = Accident Severity Rate = number of lost hours due to accident / total number of work hours

The target is to keep FSI as low as possible with ultimate target as “zero”. Table 5 summarizes our FSI numbers since the program inception in 2015 showing a continuous downward trend.

**TABLE 5. BENCHMARK FREQUENCY - SEVERITY INDICATOR
FSI BY SITE AND FOR OVERALL UTAC**

YR	USG1	UTC	UTL1	UTL2	UTL3	UDG	USG2	UID	UMY	Semi-Taiwan	UTAC
2015	0.36	0.36	0	0.19	0.29	0.3	0.31	0.09	0.19	0.06	0.25
2016	0.08	0.23	0.1	0.04	0.08	0.32	0.07	0	0	0.13	0.14
2017	0.2	0.14	0.03	0.09	0.04	0.31	0.2	0.04	0.1	0.05	0.12
2018	0.36	0.00	0.02	0.00	0.00	0.22	0.20	0.00	0.05	0.09	0.08
2019	0.04	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.02	0.02

FSI represent safety implementation performance, keep the value as lower as possible

vi. Corporate Governance and Compliance

As a leading semiconductor testing and assembly services company, UTAC is committed to corporate social responsibility and complies with the RBA (formerly EICC : Electronics Industry Code of Conduct). Code of Conduct.

The RBA Code of Conduct provides a set of principles on Labour, Health & Safety, Environmental, Management and Ethical issues in the electronics industry supply chain. As a company that adheres to

the RBA Code of Conduct, we welcome third-party assessments every three years to ensure our policies and procedures are in line with the code to which we have pledged commitment.

UTAC's operations are in compliance with the RBA and Environmental, Health and Safety (EHS) guidelines, and we have put in place a system compliance matrix as shown in figure 6.

FIGURE 6. RBA COMPLIANCE MATRIX



vii. Business Continuity Plan and Risk Mitigation

As a global business with operations around the world, UTAC recognizes the importance of being prepared for and equipped to respond to risks to minimize any potential impact on our business. To achieve this, UTAC has developed comprehensive business continuity plans with detailed measures to manage risks and mitigate the impact of potential risks, as well as put in place recovery plans should any situation occur.

We classify risks as high, medium and low. Table 6 shows example of our risk classification and mitigation plan.

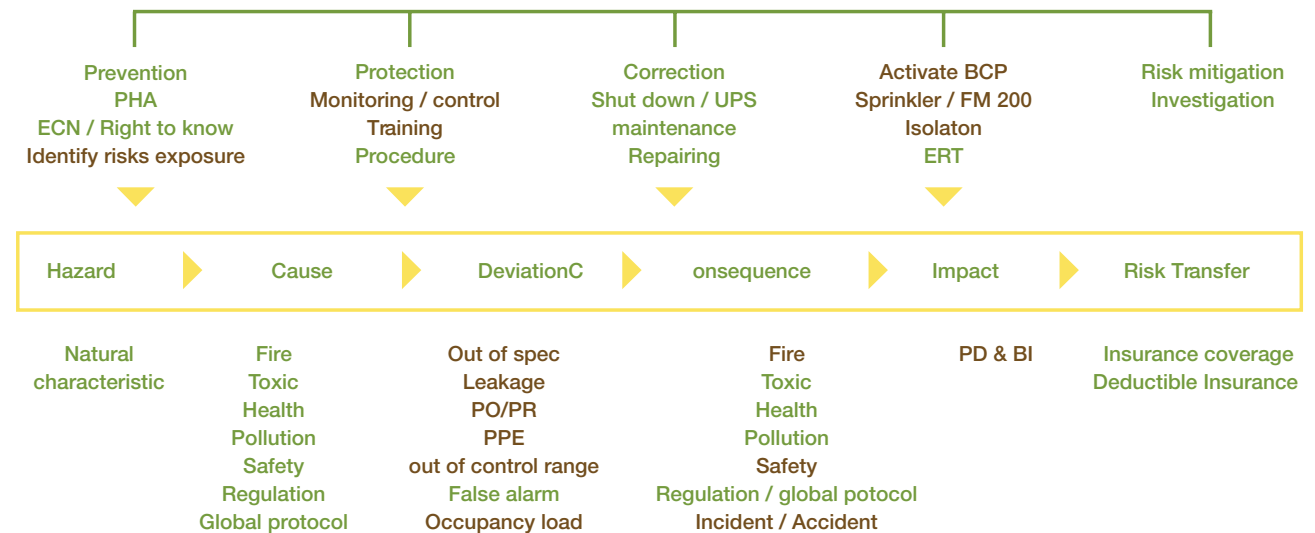


TABLE 6. UTAC RISK MANAGEMENT CLASSIFICATION AND PLAN

Equipment risk assessment		
	Risk Classification	Risk Management Plan
High (As risk ranking 1&2)	1. Equipment is from a single source with no alternative site	1. Work with supplier for business continuity plan
	2. No alternative supplier capable to manufacture the same equipment	2. Immediate qualification (within 1-2 quarters) of alternative source
	3. No same equipment / capability in UTAC (same or other site)	
Medium (As risk ranking 3)	1. Have alternative source or supplier site with the same capability but located in a different geographical location	1. Qualification of alternative source or material (within 2-3 quarters)
	2. No same equipment in other UTAC sites	
Low (As risk ranking 4)	1. Have alternative source or site with the same capability and are located in a different geographical location	No immediate action needs
	2. Site have more than one equipment. Other UTAC sites have the same	
Material risk assessment		
	Risk Classification	Risk Management Plan
High (As risk ranking 1&2)	Single source with no alternative site. No alternative supplier with similar capacity	1. Work with supplier for business continuity plan
		2. Immediate qualification (within 1-2 quarters) of alternative source
		3. Regular review inventory level / commitment to 13 weeks rolling forecast
Medium (As risk ranking 3)	1. Have alternative source or supplier site with the same capability but located in the same region	1. Regular review of supplier's inventory level
		2. Qualification of alternative source of material within (2-3 quarters)
Low (As risk ranking 4)	1. Availability of alternative source or site with the same capability, alternative source or site is located in a different region	1. No immediate action needs
		2. Regular review of supplier's inventory level
		3. Continue review of supplier's performance and support (Supplier business)

In order to ensure the value of UTAC's business continuity plan, UTAC conducts regular audits of our systems and processes, including a third-party audit from the Environmental Management System (EMS) and the Occupational Health & Safety Advisory Services (OHSAS). EMS and OHSAS provide the framework for UTAC to determine appropriate environmental, health and safety regulations, assess the environmental and hazards impact, identify significant impact, and to initiate any subsequent control procedures. UTAC has been granted ISO14001, OHSAS18008 and IATF16949 certifications. Figure 7 shows risk mitigation flow chart.

FIGURE 7. RISK MITIGATION FLOW CHART



UTAC assesses risk to mitigate its exposure in any step of business expansion and/or engineering change by using the FMEA (Failure Mode and Effect Analysis) assessment tool to mitigate and/or eliminate the potential risk exposure.

Key Certification and Recognition

Through our efforts in 2019 across our sites, our sustainability systems, processes and practices have also been certified to meet ISO14001, OHSAS18001 and IATF 16949 industrial standards. List of all the key certifications are summarized in table 7.

TABLE 7. UTAC GROUP INDUSTRIAL STANDARDS, KEY CERTIFICATION LISTING BY SITE

Compliance Topic	Site	Linkage	Certified Period	Expire Date	3rd Body Used	Description
ISO 9001 : 2015	USG 1	Certified	3 years	8 Jul 2021	TUV SUD Mgt Service GmbH	Certificate No. 2003-1-0565
	UTL 1	Certified	3 years	5 Aug 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 100 54168 TMS
	UTL 2	Certified	3 years	18 Jul 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 100 54168/03 TMS
	UL 3	Certified	3 years	27 Sep 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 100 54168/02 TMS
	UTC	Certified	3 years	10 Sep 2021	TUV SUD PSB Pte Ltd	Certificate No. 2018-2-2499
	UDG	Certified	3 years	13 Aug 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 100 54359 TMS
	USG2	Certified	3 years	2 Oct 2021	TUV SUD Mgt Service GmbH	Certificate No. 2016-2-2401
	UMY	Certified	3 years	5 Aug 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 100 54554 TMS
	UID	Certified	3 years	13 Sep 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 100 55116 TMS
ISO 14001 : 2015	USG 1	Certified	3 years	17 Jul 2022	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-2
	UTL 1	Certified	3 years	17 Jul 2022	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-3
	UTL 2	Certified	3 years	17 Jul 2022	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-4
	UTL 3	Certified	3 years	17 Jul 2022	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-5
	UTC	Certified	3 years	17 Jul 2022	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-9
	UDG	Certified	3 years	17 Jul 2022	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-8
	USG 2	Certified	3 years	17 Jul 2022	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-1
	UMY	Certified	3 years	17 Jul 2022	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-7
	UID	Certified	3 years	17 Jul 2022	TUV SUD PSB Pte Ltd	Certificate No. 2016-0676-6
OHSAS 18001 : 2007	USG 1	Certified	3 years	14 Nov 2020	TUV SUD Asia Pacific TUV SUD Group	Certificate No. TUV116 14 3809/7
	UTL 1	Certified	3 years	14 Nov 2020	TUV SUD Asia Pacific TUV SUD Group	Certificate No. TUV116 14 3809/2
	UTL 2	Certified	3 years	14 Nov 2020	TUV SUD Asia Pacific TUV SUD Group	Certificate No. TUV116 14 3809/3
	UTL 3	Certified	3 years	14 Nov 2020	TUV SUD Asia Pacific TUV SUD Group	Certificate No. TUV116 14 3809/4
	UTC	Certified	3 years	14 Nov 2020	TUV SUD Asia Pacific TUV SUD Group	Certificate No. TUV116 14 3809/9
	UDG	Certified	3 years	14 Nov 2020	TUV SUD Asia Pacific TUV SUD Group	Certificate No. TUV116 14 3809/8
	USG 2	Certified	3 years	14 Nov 2020	TUV SUD Asia Pacific TUV SUD Group	Certificate No. TUV116 14 3809/1
	UMY	Certified	3 years	14 Nov 2020	TUV SUD Asia Pacific TUV SUD Group	Certificate No. TUV116 14 3809/6
	UID	Certified	3 years	14 Nov 2020	TUV SUD Asia Pacific TUV SUD Group	Certificate No. TUV116 14 3809/5
IATF 16949 : 2016	USG 1	Certified	3 years	24 Jul 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 111 42103 TMS
	UTL 1	Certified	3 years	5 Aug 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 111 54168/01 TMS
	UTL 2	Certified	3 years	18 Jul 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 111 54168/03 TMS
	UTL 3	Certified	3 years	12 Sep 2020	TUV SUD Mgt Service GmbH	Letter of conformance No. 12 111 54168/02
	UTC	Certified	3 years	12 Aug 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 111 52869 TMS
	UDG	Certified	3 years	13 Aug 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 111 54359 TMS
	USG 2	Certified	3 years	9 Aug 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 111 52659 TMS
	UMY	Certified	3 years	5 Aug 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 111 54554 TMS
	UID	Certified	3 years	13 Sep 2021	TUV SUD Mgt Service GmbH	Certificate No. 12 111 55116 TMS

CY2019 Total Recognition & Awards





Glossary

Acronym	Full Word
AFR	Accident Frequency Rate
AHU	Air Handling Unit
ASR	Accident Severity Rate
BCP	Business Continuity Plan
BI	Business Interruption
CEO	Chief Executive Officer
CO2	Carbon Dioxide
CSR	Corporate Social Responsibility
CTSP	Central Taiwan Science Part
DOE	Department of Environment
ECN	Engineering Change Notice
EHS	Environmental, Health and Safety
EICC	Electronics Industry Code of Conduct
EMS	Environmental Management System
ERT	Emergency Response Team
ES	Environmental Sustainability
FM 200	Type of clean agent fire extinguisher
FMEA	Failure Mode and Effect Analysis
FSI	Frequency Severity Indicator
GHG	Green House Gases
GM	General Manager
HR	Human Resource
IATF	The International Automotive Task Force
IC	Integrated Circuits
ISH	Industrial Safety and Health
ISO	International Organization for Standardization
KG	Kilograms
KPI	Key Performance Indicator
KPC	Kilo-pin- count of output

Acronym	Full Word
kWh	Kilowatt Hour
LED	Light Emitting Diode
MTCE	Mega Tonnes of Carbon Equivalent
NFEC	National Fire and Civil Emergency Preparedness Council
OHSAS	Occupational Health & Safety Advisory Services
PD	Property Damage
PHA	Preliminary Hazard Analysis
PPE	Personal Protective Equipment
PQ/PR	Power Quality/Power Reliability
PVD	Provident (Provident Fund)
QA	Quality Assurance
RBA	Responsible Business Alliance
RO	Reverse Osmosis
RO-CDI	Reverse Osmosis
RoHS	Restriction of Hazardous Substances
TUV SUD	Name of Certify Body for all management system
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
UTC	UTAC Taiwan
UTL	UTAC Thai Limited
VP	Vice President
VSD	Variable Speed Drive

Our Global Footprint





For enquiries, please contact:
UTAC

Carol Chiang / Shermaine Chia

E: carol_chiangs@utacgroup.com /

shermaine_chia@utacgroup.com

Tel: +65 6714 2220

UTAC Headquarters Pte Ltd.

22 Ang Mo Kio Industrial Park 2, Singapore 569506

www.utacgroup.com