



Sime Darby Property Sustainability in Action to Support the SDGs

6 NOVEMBER 2019

MEMBER OF
**Dow Jones
Sustainability Indices**

In collaboration with  **SAM**
a RobecoSAM brand



Property

Leader in Building Sustainable Communities

To create a place that inspires,
connects and last for generations to
come

- Constituent of the Dow Jones Sustainability Indices
- Constituent of FTSE4Good Bursa Malaysia Index
- Constituent of FTSE4Good Asean 5 Index



MEMBER OF

**Dow Jones
Sustainability Indices**

In Collaboration with RobecoSAM



SIME DARBY PROPERTY – KEY SUSTAINABLE MILESTONES

2007

- Merger of Sime Darby Bhd and few other entities
- Adoption of Sustainability into Company Corporate Vision
- Board Sustainability Governance established

2009

- ISO 14001, OHSAS 18001, ISO 9001, MS1722 Certifications
- Idea House – 1st certified carbon neutral residential building in Southeast Asia
- Use of in-house “Township Sustainable Assess Tool (SUSDEX)”
- Carbon Footprint Project launch (CDP)

2011

- Development of SDP Sustainability Strategy, Goals & Formalization of initiatives
- Received Prime Ministers Hibiscus Award
- Launch of “Tree-to-Tree” tracker
- ISO 50001 EMS Certification

2012

- Launch of City of Elmina
- 1st LEED Silver & Gold Certified Building in Malaysia



SIME DARBY PROPERTY – KEY SUSTAINABLE MILESTONES

2014

- Sustainability Leadership Index into Performance Planning metrics (KPI)
- First GRI Stand Alone Sustainability Report
- ACCA MaSRA Sustainability Reporting Award
- Young Sustainability Ambassador Community Program launched

2015

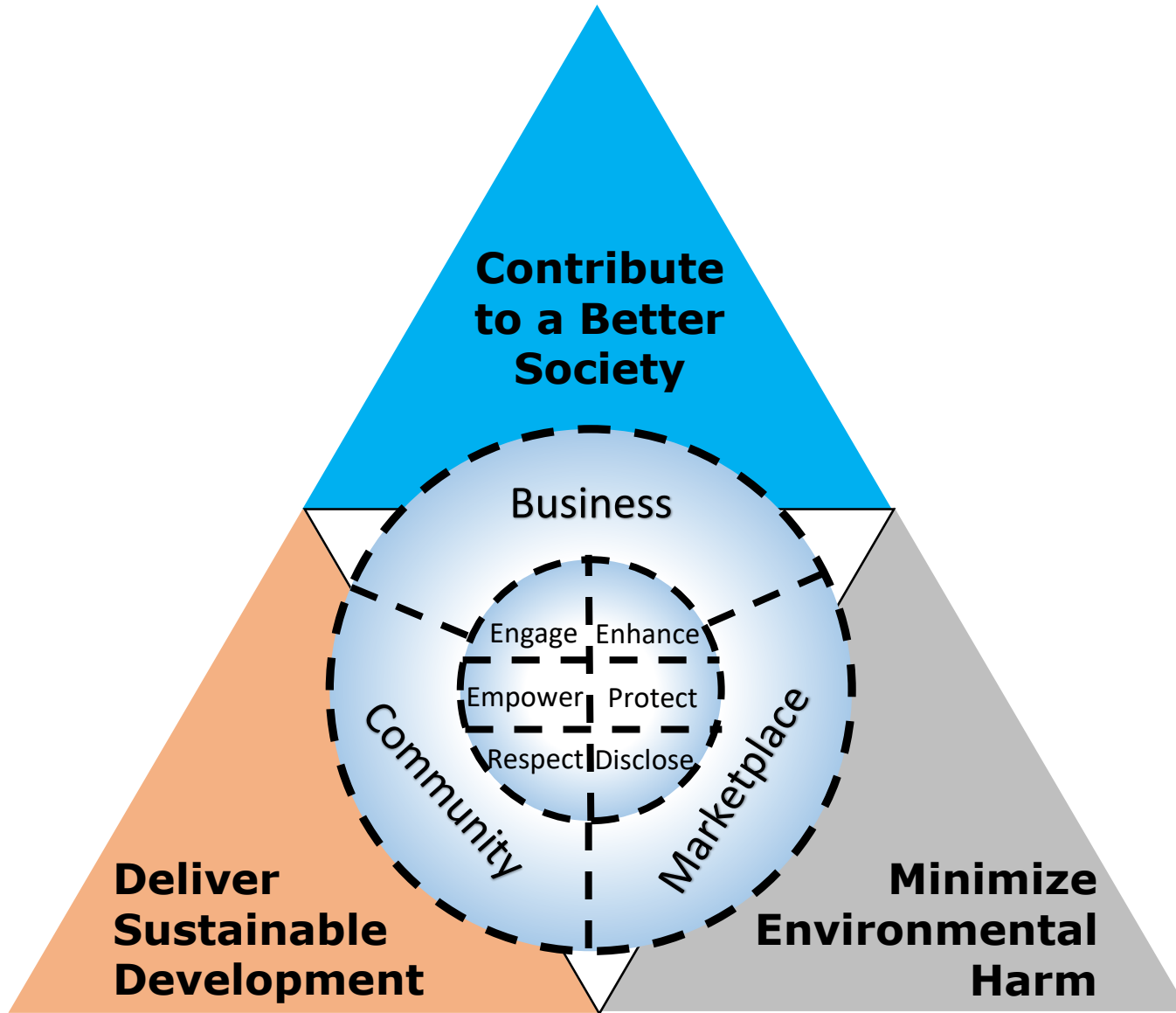
- Constituent in both FTSE4Good Indexes (BURSA & ASEAN 5)
- Threatened Tree Species Landscape Guideline launched
- SDP Average of 50% of QCLASSIC Awards Program
- Eco-Efficiency program launched
- Township Community Recycling Program

2018

- Constituent in DJSI (2018/2019)
- Launch D3 – Harmoni 1 @ Elmina
- MoU with UNICEF for Inclusive Playground and Toolkit
- Launch of Community Urban Farming at Elmina Valley
- MoU with TRCRC for ERKC and Native Tree IUCN Nursery & 20k IUCN Red List Trees Planted
- TPC KL Audubon Certification



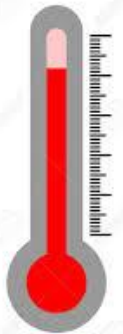
SIME DARBY PROPERTY SUSTAINABLE MODEL



KEY BUSINESS RISKS - CLIMATE CHANGE & GLOBAL WARMING

1.5°C or 2.0°C or 4.7°C

- As of March 2019, 195 UNFCCC members have signed the agreement, and 186 have become party to it. The Paris Agreement's long-term goal is to keep the increase in global average temperature to well below 2 °C above pre-industrial levels; and to limit the increase to **1.5 °C**.
- New research shows that if all countries achieve carbon reduction Nationally Determined Contributions (NDC), temp will now rise by at least 3.8 – 4.7°C.
 - (Source: IPCC, 2018: Summary for Policy-Makers – an IPCC Special Report on Impacts of Global Warming & other recent reports)
- Atmospheric carbon dioxide exceeded **415ppm** in May 2019. Safe 1980s level is **350ppm**.
- The last 4 years have been the hottest on record globally.



UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS (SDGs)



UN Sustainable Development Summit on **September 2015 in New York** saw 193 world leaders commit to the SDGs 2030. A way forward for a sustainable future, e.g., people, planet, prosperity and peace. There are a total of 17 goals, 169 targets & 232 indicators. The SDGs are universal goals, applying to countries at **all stages of development**.

Malaysia lodged the legal instrument with the UN in Mar 2016 agreeing support and has incorporated them into the Governments Manifesto, the Mid-term Review of the 11th Malaysia Plan and more recently the essence of the SDGs are embedded into the Malaysian '**Shared Prosperity Vision 2030**'.

SDP has reviewed these global goals and mapped them against our existing sustainability strategic framework and value chain. All SDGs relate to our companies purpose of developing sustainable communities and in nation building. 14 red outlined are most pertinent to our business.

SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



52% income increase for 30 B20 families

SDP collaboration with Islamic Relief for 30 B20 families at PPR Taman Putra Lembah Subang Community Development Project enhancing income



RM20k income in 3 month

- Bukit Subang B40 Melati Community Chilli Farm. 3 tonne chilli production. Equipment sponsored by SDP

2,888



Number of units of statutory housing under construction (completion in 2019/2020)

>2500



Number of school children benefitting from upgrading works

PEOPLE



SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



1:10 Urban Farming Allotment to Home Target – City of Elmina

CoE Sustainability Plan 2018-2030 targets provision of 1 allotment to every 10 homes built. Elmina Valley Farm is the first launched in Jan 2019. Two more urban farms in planning. 1 farm completed. 2 in planning.



70 children fed

Lighthouse Children Welfare Home Association, Bangsar. SDCC Left over food program



PEOPLE



28km of 190km Completed

Cycling & Jogging Circuit. A mix of neighbourhood and city-wide circuits across 3 townships (City of Elmina – 90km, Bandar Bukit Raja – 50km, Serenia City – 50km)



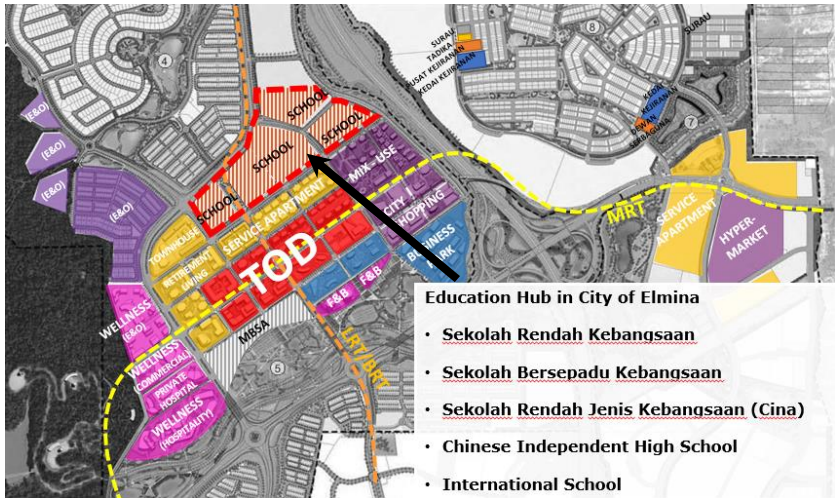
PEOPLE





2 Education Hubs (PEH and CoE) 3 Universities, 1 Polytechnic, several schools

Delivering Pagoh Education Hub in collaboration with; Universiti Teknologi Malaysia, Universiti Tun Hussein Onn Malaysia, International Islamic University Malaysia and Tun Syed Nasir Polytechnic. At KL East – Kolej Yayasan Saad. City of Elmina Education Hub.



City of Elmina



Pagoh Education Hub



PEOPLE

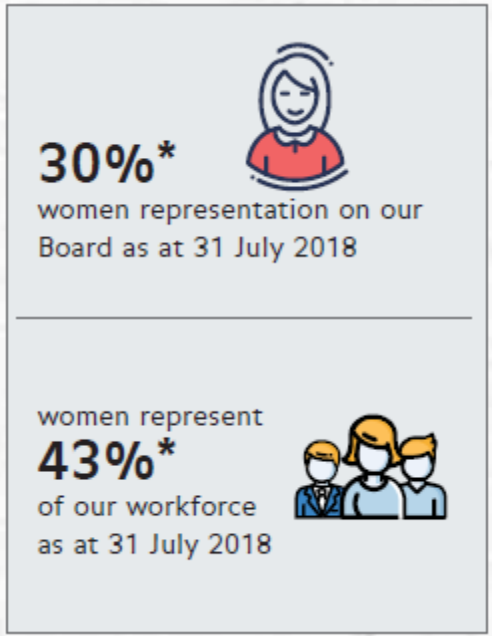
SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



GPA A1 - 4.1

Equal opportunity and anti-discrimination Policy

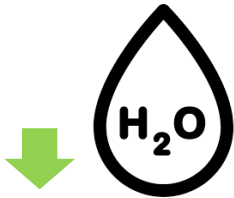
Gender balanced workplace



PEOPLE

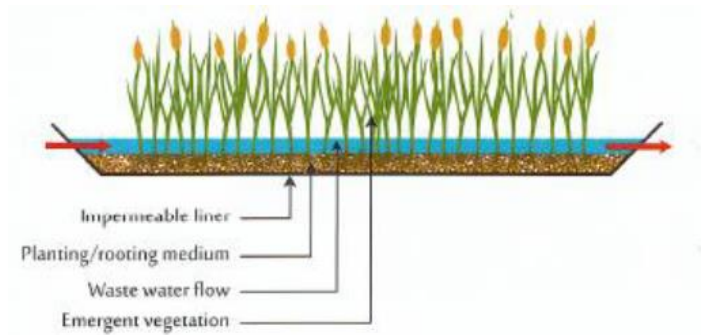


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23.1% reduction in Operational Water Intensity

2018 result from 2016 baseline intensity
(2018 Target was 1%)



1 Wetlands Construction and Maintenance Guideline

In collaboration with Wetlands International for City of Elmina. Draft under review as at Oct 2019



PLANET



SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030

7 AFFORDABLE AND
CLEAN ENERGY



513 Solar Ready Homes – 1st Tranche

Ilham, F4, Elmina. Collaboration with TNBX and Sime Darby Property.

- 2kW PV and Net Metering/house
- Planning for the next 1,800 homes



Solar Solution / Solar Ready Home

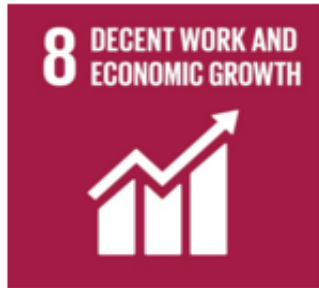
- Homes ready for solar plug and play anytime, any day



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SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



**Up to 400*
SL1M/Protégé
Trainees since
2011**

*exact record held by HR.



PROSPERITY



COBC

- Making Our Workplace a Safe Environment
- Providing Favourable Working Conditions to all Our Employees
- Freedom of Association
- Protecting the Rights of Children
- Eradicating any Form of Exploitation



SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030

9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



1st IBS Strata Development focused on delivering B40 Sustainable Homes

RSKU, Type C and D, 536 Units, 30% faster, zero construction waste, 10% lower construction cost.

1st Crowd-sourced property design platform

Aurora, SJCC the first product developed under this design technology innovation by SDP

PROSPERITY

SIME DARBY PROPERTY D3 SUSTAINABLE HOMES



Under DTO as at Oct 2019

- Aurora, SJCC
- 6T1, Putra
- A9, Serenia
- F3, Elmina Grove



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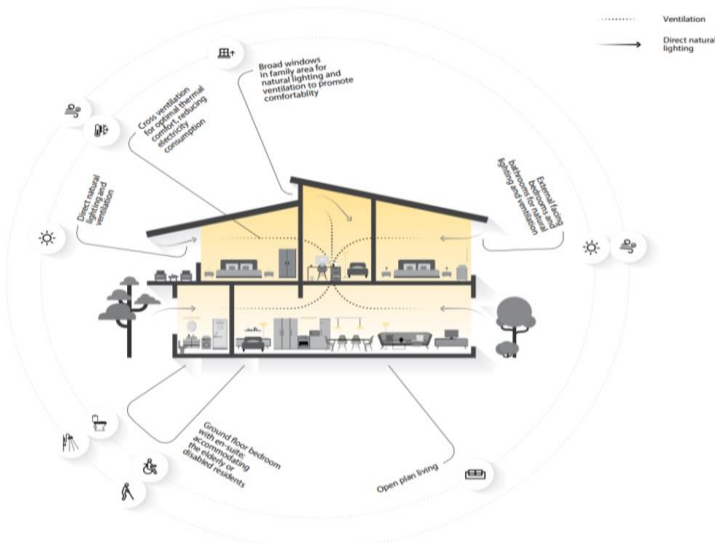


unicef Inclusive Playground Toolkit and Pilot

Collaboration between SDP and UNICEF to design a truly inclusive playground and toolkit to encourage replication and improved playground design.



Over 2,000 Multi-Generational Inclusive Homes



PEOPLE

SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



14,200_{kg}

Amount of recycle household materials collected by our communities (at BBR since 2017)



SUSDEX V4.1



1,362

Insulated homes completed (since 2017. 1,503 more under construction).

PEOPLE

PLANET

PROSPERITY

10 years across 20 plus townships

Guiding and measuring township sustainability performance.
Preparation for green certification and delivering company Vision.



SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



600 Members – Young Sustainability Ambassadors Program

Education engagement for children 7-17 yrs about sustainable living, civil society and the environment.



SAMPLE ACTIVITIES:

1. Visit to National Science Centre, Bukit Kiara
2. EM Mudball workshop, Ara Damansara Pond
3. Eco Camp in Kem Bina Semangat Ampang Pecah, Kuala Kubu Baru
4. Visit to Rumah Anak-Anak Yatim & Asnaf As-Solihin
5. Sleeping with Shark at Aquaria, KLCC
6. Recycling Challenge



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PROSPERITY

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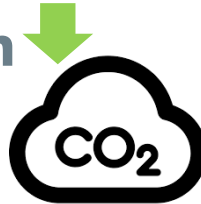


1st Carbon Neutral Certified Residential House in SE-Asia

- Constructed in 2010.
- Tested 50 Sustainability Features
- BCA Greenmark Platinum
- GBI Gold



21% reduction in Carbon Intensity



2018 result from 2016 baseline intensity. CDP Reprting since 2010.
(2018 Target was 0.5%)



7

Green Certified Projects

1st LEED Gold & LEED SILVER Buildings in Malaysia

SD Plantation HQ & SD Property HQ



PEOPLE

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PROSPERITY



SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



9.7% waste intensity reduction



From 2016 intensity baseline (2018 Target was 1% reduction).
Minimising solid waste reduces impacts on water bodies and groundwater.

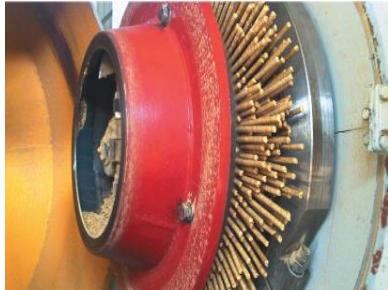


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36,000 metric tonnes biomass pelleting

Converted palm oil trunks into biomass fuel pellets at BBR and Elmina West.



SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



1st Malaysian IUCN Tree Landscape Guideline

Published 2017, covering 74 species – a tool for landscape architects and students. Possibly the only guide for landscape architects worldwide focused on IUCN Tree Species.



19,560

Number of IUCN Red List trees planted by SDP across 20 township developments (*Sep 2011-June 2019*)

PEOPLE

PLANET

PROSPERITY

Malaysian Threatened & Rare Tree Identification and Landscape Guideline

- Supported by FRIM, UPM, ILAM.
- Available FOC on SDP, ILAM, TRCRC/LM, UPM websites
- 6 Years R&D converted into useful tool for promoting urban landscape ERT Tree Conservation
- Awarded MLAA Research Merit Award 2017
- Endorsed by Knowledge Leaders in the field.
- When you plant a forest, the animals will inhabit it.
- Improves atmospheric carbon sequestration by planting native tropical species.



SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



- COBC
- Vendor Letter of Declaration
- No Gift Policy
- Whistleblowing Policy

Good corporate governance instruments, compliance and audit



**Over 30 RAs
established in
collaboration with
SDP**

Supports strong community institutions



PEOPLE

PROSPERITY



SIME DARBY PROPERTY - DELIVERING THE UNITED NATION SDGs 2030



1st Rainforest Knowledge Centre and Developer IUCN Native Tree Nursery

- SDP – TRCRC MoU signed 01 August 2019
- ERKC facility dedicated to 'connecting people to nature'
- Building built largely from Idea House recycled material
- Supported by a specialised native tree IUCN nursery
- Up to 100,000 IUCN trees to be produced at nursery



TROPICAL RAINFOREST
CONSERVATION
& RESEARCH CENTRE



PEOPLE

PLANET

PROSPERITY



*ERKC construction progress as at Sep 2019

