

SUNWAY[®]

CONSTRUCTION



Corporate Presentation

Dec 2019

CORPORATE PROFILE

- Incorporated in 1976 & commenced business in 1981
- First listing in year 1997 & delisted in year 2004
- Relisting under the construction sector of the Main Market of Bursa Malaysia on 28th July 2015
- Cumulative revenue since inception of RM27 bil
- Market capitalization: Around RM2.7bil (Dec 2019 : 3.2% Foreigner; 46.6% Non Bumi and 50.2% Bumi)
- Top external shareholders (EPF 8.4%, Amanah Saham 6.8%, Great Eastern, AIA, Kumpulan Wang Persara)



Tan Sri Dato Seri Dr Jeffrey Cheah

65.05%

SUNWAY®

Other shareholders

34.95%

54.4%

10.65%

SUNWAY®
CONSTRUCTION

100%

100%

100%

100%

100% / 60%

100%

Building
Construction
Services

Civil/Infrastructure
Construction
Services

Foundation and
Geotechnical
Engineering
Services

Mechanical,
Electrical and
Plumbing
Services

Renewable
Energy
Services

Manufacturing
and Sale of
Precast Concrete
Products

FULLY INTEGRATED BUSINESS MODEL

Building Construction Services



- Design and construction service provider specializing in Building Information Modeling System (BIM /VDC)
- International portfolio includes projects in Singapore, UAE and Trinidad and Tobago
- Special Purpose Building Projects include Kuala Lumpur Convention Centre, Pinewood Studio, Sunway Medical Centre, Monash University Campus M'sia; Sunway Shopping Mall; Putrajaya Govt Agency Offices; International School of Kuala Lumpur

Civil/Infrastructure Construction Services



- Roads, highways, airports, bridges and rail transportation infrastructure projects over the last 30 years
- Local Projects include Ipoh Airport, SILK, Maju Expressway, SKVE, MRT, LRT and BRT
- Overseas Projects include 7 highways and bridges in India

Manufacturing and Sale of Precast Concrete Products



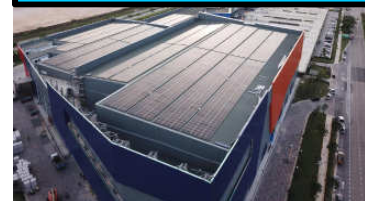
- Develops, designs, manufactures and supplies precast concrete products with manufacturing plants located in Iskandar and Senai, Johor, Malaysia
- Precast concrete products manufactured, include Industrialised Building System ("IBS") components, for residential, commercial and infrastructure development projects

Mechanical, Electrical and Plumbing Services



- Main services are categorised into mechanical, electrical, plumbing and specialised engineering solutions
- Services offered to both internal and external clients as part of integrated services and on stand alone basis

Renewable Energy



- Solar : Rooftop (Sunway projects) and large scale
- Gas District Cooling System (Putrajaya)
- Biomass system (BioExcel in Johor)

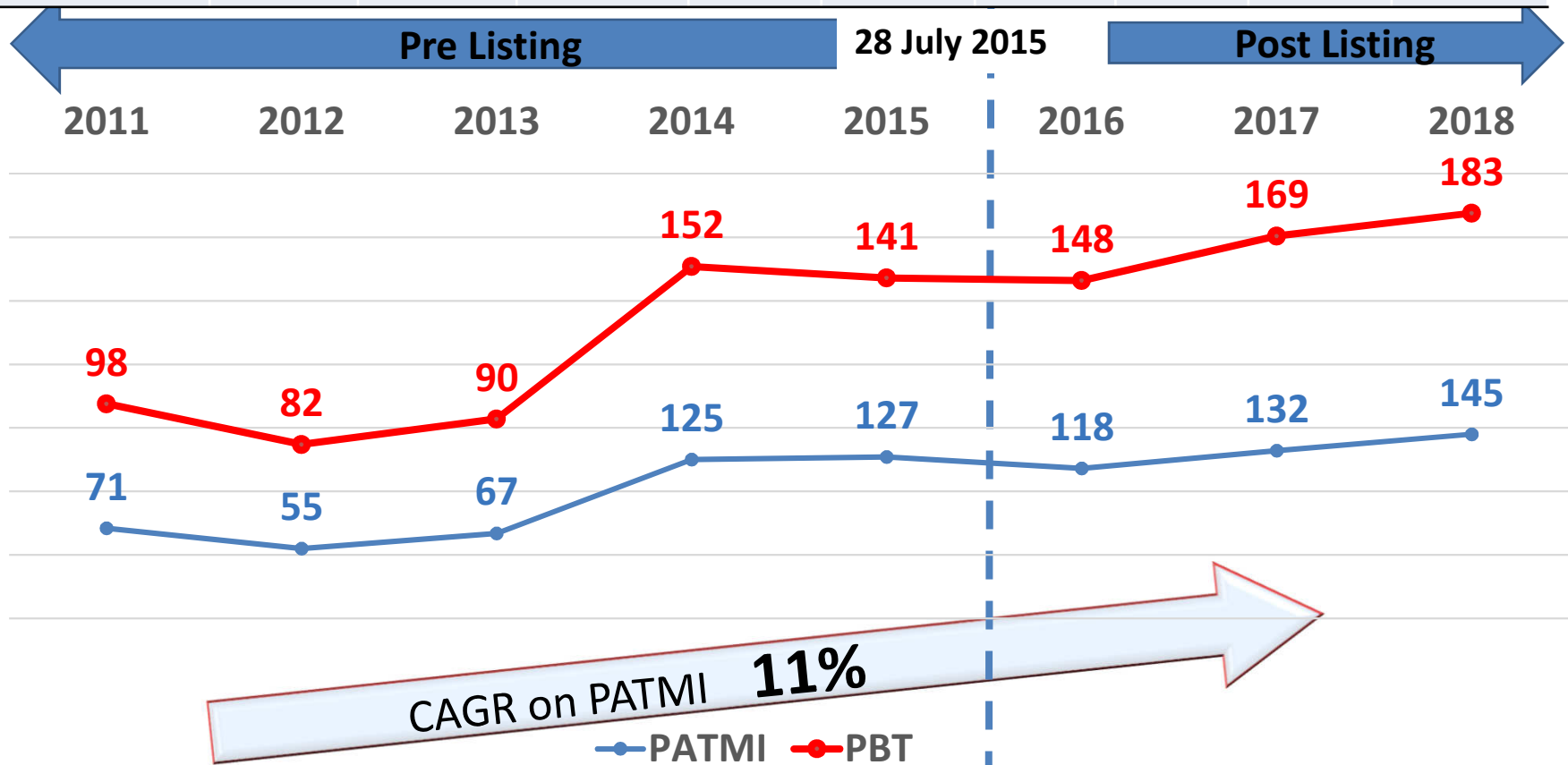
Foundation and Geotechnical Engineering Services



- Core services include piling solutions and earth retaining systems
- Services cover all types of buildings such as residential, commercial, institutional, purpose-built or specialty buildings, and civil/infrastructure construction projects.

PROVEN TRACK RECORD

	IPO (28.7.15)	29.12.17	30.6.18 Post GE14	28.9.18	31.12.18	29.3.19	28.6.19	30.9.19	31.12.19
Price (RM)	1.20	2.51	1.81	1.82	1.33	1.91	2.01	2.05	1.91
Market Capitalisation	1.55b	>3.0 b	2.34b	2.35b	1.72b	2.47b	2.6b	2.7b	2.5b



2011 to 2014 figures as per prospectus and circular AND 2016 to 2017 have been restated for MFRS 9

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STRONG FINANCIAL PERFORMANCE

	2013	2014	2015	2016	2017	2018	2019	1Q 19	2Q 19	3Q 19	4Q 19
	Audited*	Audited*	Audited	Restated	Restated	Restated	Unaudited	Unaudited	Unaudited	Unaudited	Unaudited
	RM mil	RM mil	RM mil	RM mil	RM mil	RM mil	RM'mil	RM mil	RM mil	RM mil	RM'mil
Revenue	1,839.6	1,880.7	1,916.9	1,788.8	2,076.3	2,256.8	1,768.7	440.0	440.2	402.6	485.9
PBT	89.8	152.3	140.8	148.0	168.7	182.7	157.4	40.1	41.2	35.6	40.5
PBT %	4.9%	8.1%	7.3%	8.3%	8.1%	8.1%	8.9%	9.2%	9.4%	8.8%	8.3%
PBT % - Con	2.5%	3.2%	3.8%	6.0%	7.3%	8.6%	9.5%	9.9%	10.2%	9.7%	8.6%
PBT % - Precast	21.6%	39.1%	30.4%	20.3%	19.0%	0.8%	1.9%	0.3%	0.2%	0.5%	5.5%
PATMI	66.9	124.8	127.2	117.8	132.3	144.7	129.3	31.0	33.2	33.5	31.6
ROE (%)	11.0%	16%	31%	26%	26%	25%	21%				

Management's commitment is 35% of full year PATMI

Dividend for 2015 : 4 cents or > 40% of full year PATMI

Dividend for 2016 : 5 cents or > 55% of full year restated PATMI

Dividend for 2017 : 7 cents or > 68% of full year restated PATMI

Dividend for 2018 : 7 cents or > 62% of full year PATMI

Dividend for 2019 : 7 cents or 70% of full year PATMI

SOUND BALANCE SHEET

	2014 Audited* RM mil	2015 Audited RM mil	2016 Restated RM mil	2017 Restated RM mil	2018 Restated RM mil	2019 Unaudited RM' mil
SHF	328.3	451.7	488.5	544.0	591.7	625.1
Total assets	1,272.2	1,397.4	1,475.8	1,810.2	1,768.0	1,904.9
Bank borrowings	135.2	136.8	136.5	134.7	113.6	286.1
<i>In-house advance</i>	<i>1.1</i>	<i>21.9</i>	<i>56.9</i>	<i>131.5</i>	<i>96.3</i>	<i>95.8</i>
Cash + Placement	291.6	468.5	465.8	487.2	484.9	692.6
Net Gearing Ratio**	N/A	N/A	N/A	N/A	N/A	N/A

Note : To be read in conjunction with our Combined Audited Accounts.

**As per prospectus*

***Net Gearing Ratio = Net debt / Shareholders' Funds*

NON FINANCIAL INDICATORS

	2014	2015	2016	2017	2018	2019
<u>Quality</u>						
QLASSIC-construction	79%	75.3%	73.3%	77.2%	73.6%	75.0%
CONQUAS-precast	100%	100%	100%	100%	99.2%	N/A
Customer Satisfaction	75.6%	76.5%	74.3%	75.7%	77.6%	77.7%
<u>ESH</u>						
Work Man-Hours	16,376,137	14,676,640	16,918,924	18,790,437	20,242,286	16,611,284
Fatal Accident	2	2	2	-	-	1
Environmental Inspection	71%	74.44%	80.41%	83.6%	84.5%	84.5%
FTSE4Good Inclusion	✓	✓	✓	✓	✓	✓
<u>Employees</u>						
% Woman	15%	16%	15%	23%	27%	24%
Ratio Men: Women pay	0.97:1	0.97:1	0.98:1	0.97:1	0.96:1	1:0.93
Man day training/staff	3.23	3.6	2.7	1.2	2.8	3.4
Attrition	17%	14%	13%	13%	13%	10%

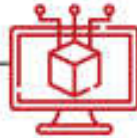
SUSTAINABILITY

MANAGING OUR ENVIRONMENTAL IMPACTS

HIGHLIGHTS

- 100% Environmental monitoring at all project sites
- Sunway Southern Region Office GBI certified
- Percentage of SunCon's machines that are less than 5 years of use: 52%
- Achieved average monthly environmental inspection score at SunCon's project sites: 84.47%
- All SunCon's project sites are ISO 14001 certified

Project	Water Saving Initiatives
KLCC	<ul style="list-style-type: none"> • Accumulated rainwater on ground level is channelled into collection tanks to be used for skim coating works • Water extracted from wells as measures to reduce height of water table is used for wheel washing facilities on site
Parcel F	<ul style="list-style-type: none"> • Water pumped from Putrajaya Lake for dust suppression on internal roadway to prevent air pollution reduces dependency on main water supply • Recycling and reusing of water at wheel washing facilities on site
MRT V201	<ul style="list-style-type: none"> • Water pumped from site sedimentation pond is use for road washing works, water browsing and wheel washing facilities which reduces dependency on main water supply. Total Suspended Solid (TSS) level of water used has been ensured to be within the limit



Using Technology that Minimises Construction Waste

Our investment in Virtual Design and Construction (VDC) since 2010 has benefited us as such that our construction wastage generations are within the allowable percentage. The use of Building Information Model (BIM) has allowed us to detect potential internal and external clashes before construction begins, thereby reducing the amount of rework which would contribute to considerable amount of construction waste going into the landfill.

BENEFITS OF RECYCLING AND REUSING USED OIL

Keeps it from polluting soil and water

Increases machine reliability

Recycling waste into usable products

Motor oil does not wear out and therefore recycling it saves valuable resources

HYDRAULIC OIL RECYCLING INITIATIVE 2018

TOTAL CONSUMPTION:	TOTAL RECYCLED:	PERCENTAGE RECYCLED:
12,098	5,749	47.5%
LITRES	LITRES	

SUSTAINABILITY

ENSURING SAFE AND QUALITY CONSTRUCTION

HIGHLIGHTS

- SunCon's project sites are all certified under OHSAS 18001
- Zero life loss
- Average monthly OSH inspection scores of 81.91%
- Achieved Best QLASSIC and High QLASSIC awards with an average QLASSIC score of 73.6%
- Yearly increase in all internal quality rating like SQMS and Trade Rating



SunCon has **348** staff serving in the ESH Committee across all SunCon project sites and various subsidiaries, which accounts to approximately **24%** of total SunCon workforce.

ESH Competent Personnel in SunCon

30 SHO
registered with
DOSH

4 Malaysian
Certified Inspector of
Sediment and Erosion
Control (MY-CISEC)

3 Certified Professionals
in Scheduled Waste
management (CePSWaM)

1 Certified Erosion,
Sediment and Storm
Water Inspector
(CESSWI)

1. Compliance to ESH statutory requirements

- Occupational Safety and Health Act (OSHA) 1994
- Factories and Machinery Act (FMA) 1967
- Environmental Quality Act (EQA) 1974
- CIDB Act 520
- All related regulations and guidelines

2. Safe Work Method Statement for all activities

3. Implementation of Permit to Work System

- Hot work
- Scaffolding
- Working at Height
- Excavation
- Confined Space
- Lifting
- Night work

4. Provision of safe system of work

5. Continual learning through awareness and on-the-job training

6. Compulsory Personal Protective Equipment (PPE)

- Safety helmet and chin strap
- Full body harness
- Reflective vest
- Safety footwear
- Hearing protection and ear plugs
- Eye and face protection
- Hand protection
- Dust mask

SUSTAINABILITY

HUMAN CAPITAL DEVELOPMENT

HIGHLIGHTS

- SunCon's ranking in the 100 Leading Graduate Employers' in Malaysia has leaped from 32nd in 2017 to 22nd in 2018
- A total of 36 SL1M trainees were employed as Permanent and Contract staff upon completion of their programme
- Hired a total of 85 SL1M trainees on an 8-month programme
- Number of man-days dedicated to formal classroom training in 2018 was 2,321 days for 820 participants

205
UNIVERSITY
students
completed their
internships at
SunCon in 2018

Connected
with more than
**22 PRIVATE
AND LOCAL
UNIVERSITIES**
in Malaysia

**3 to
6-MONTH**
placements

**REHired
9.6%**
of the total interns
that we have offered
a placement in
SunCon since 2016

Name of the Programme	Date	Description
Water Rafting and Paragliding	31 March 2018	SSC organised a trip to Kuala Kubu Bharu for water rafting and paragliding activity to foster team spirit and bonding among SunCon employees.
Durian Festival	25 July 2018	All SunCon employees who are durian lovers were treated to a delicious spread of durians at an event held at the Sunway Machinery workshop.
SunCon Senior Leadership Retreat	27 – 29 July 2018	The SunCon Senior Leadership team with a total of 25 participants went for a 3-day 2-night trip at Eight Acres, Raub. The objective of this retreat was to rejuvenate and drive stronger bonds amongst our senior leaders.

Skill Categories	Basic Pay
General Workers	RM 1,300 per month/ RM 50 per day
Semi-Skilled Workers	RM 1,508 per month/ RM 58 per day
Skilled Workers	RM 1,690 per month/ RM 65 per day

Region	CLQ	Location
Central	CLQ Dengkil	Putrajaya
	CLQ MRT	Sungai Buloh
	CLQ LRT	Klang
	CLQ Subang	Subang
Southern	Cobra Camp	Nusajaya

Company Name	Total Headcount - Flexi Work Arrangement in 2018
Sunway Construction Sdn. Bhd.	8
Sunway Geotechnics (M) Sdn. Bhd.	5
Grand Total	13

SUSTAINABILITY

BUILDING COMMUNITY RESILIENCE

HIGHLIGHTS

- Donated RM505,000 for various community outreach programmes
- Setting up a platform for the public to register grievances (SunCon Hotline)

STRENGTHENING ECONOMIC INTEGRITY

HIGHLIGHTS

- FTSE4Good Index Series constituent for the 4th consecutive year
- FY2018 Accolades include Commendation Award in Knowledge Management from ACCA Malaysia, 5-Star SCORE Rating, High QCLASSIC Achievement, Gold and Silver Class for MSOSH Awards and Asia's Best Sustainability Report within Annual Report 2018
- 14% talent growth since 2017
- Utilisation of SAP cloud system in supply chain management and procurement strategies
- First in Malaysia to integrate Virtual Design and Construction (VDC) in the construction line since 2010
- Land acquisition for the development of the Integrated Construction and Fabrication Hub (ICPH) – awarded by Construction Authority of Singapore on 27 July 2018

INVESTMENT HIGHLIGHTS



1

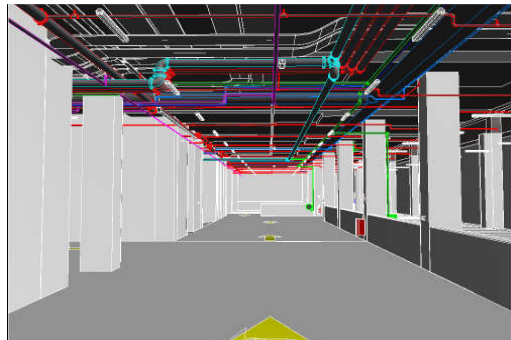
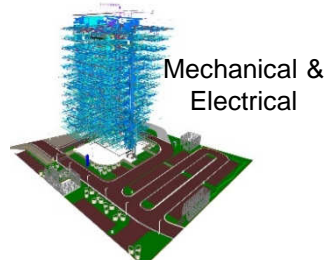
FULLY INTEGRATED COMPANY

A Turnkey Contractor with a Full Range of Integrated Services & Products



Range of Services Supported by Building Information Modelling, Large Asset Base & Best Practices

Building Information Modelling = Improved visualization for clash analysis



Large Asset Base Allows Us to Maximize Economies of Scale

28 Boring Rigs

18 Tower Cranes

3 Launching Girders

13 Crawler Cranes

17 Mobile Cranes

7 Passenger Hoist

27 Excavators

7 Skylift

47,000 M² System Formworks

Maximizing Cost Savings and Improved Operating Efficiencies = Enhanced Profitability

Quality Control

Rationalizing Functions

Consolidating Management Functions

Maximise Economies of Scale

Well Positioned to Bid for and Undertake Large and Complex Projects Both Domestically & Internationally to Diversify Risk and Ensure Sustainable Development

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SUNWAY
CONSTRUCTION

SOLID DIVERSIFIED ORDER BOOK

As at Dec 2019 (RM mil)	Completion	Contract Sum	O/S Orderbook	
Building			1,248	24%
Putrajaya Parcel F	1Q 2019	1,610	33	
PPA1M Kota Bharu	2Q 2021	582	76	
TNB HQ Campus (Ph 2)	2Q 2021	781	704	
PLC	2Q 2021	310	299	
Oxley Tower (MEP)	2Q 2022	68	67	
IOI Mall (MEP)	2Q 2021	68	68	
Infrastructure/Piling			2,026	39%
MRT Y201 + S201	2Q 2021	1,213	163	
LRT 3 : Package GS07-08	2Q 2021	2,178	1,718	
Piling works	Various	99	24	
GS06,09 + 7MD7 (Piling)	Various	99	65	
Sentul West Station (MEP)	1Q 2021	57	57	
Internal			1,654	32%
SMC 4	4Q 2021	512	379	
Sunway Serene	3Q 2021	449	261	
Yelo 2	4Q 2021	352	300	
Velocity 3C4	2Q 2021	100	75	
Sunway GEOLake	1Q 2021	223	82	
Carnival Mall Ext	1Q 2021	286	226	
SMC Seberang Jaga	1Q 2021	180	146	
BB Solar	4Q 2019	8	0	
Big Box Hotel	3Q 2020	100	72	
Parcel CP2 (piling)	3Q 2021	119	111	
Sw Pyramid Solar	2Q 2020	3	3	
Singapore			304	5%
Precast	Various	331	157	
New Order 2019	Various	160	147	
Grand Total		9,886	5,231	
<i>Red : Secured in 2019</i>		<i>1,772</i>	<i>1,533</i>	

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NEW ORDER BOOK SECURED 2019

Projects (2019 new awards)	Client	Duration	Contract Sum (RM'mil)
TNB HQ Campus Development (Phase 2)	Tenaga National Berhad	26 months	781.3
LRT 3 - GS10 piling works	SN Akmidia	12 months	47.6
LRT 3 - GS06 piling works	Rahimkon	4 months	12.8
Transit Oriented Development - Plot 7MD7	Putrajaya Development Sdn Bhd	16 months	38.8
Big Box Hotel (14 floor, 288 rooms)	Sunway MarketPlace Sdn Bhd	16 months	99.5
Kallang Whampoa C57 (Precast)	Hock Guan Cheong Builder Pte Ltd	36 months	29.5
Punggol North C14 (Precast)	Hong Leong Building Materials Pte Ltd	18 months	36.9
Precast -others			3.8
CP2 - Earthwork and pilings	Sunway SouthQuay Sdn Bhd	20 months	119.0
Oxley mixed development in Jalan Ampang - Electrical and ELV	NSC for Oxley Rising Sdn Bhd. Main Contractor : Ssangyong Engineering & Construction Co Ltd	35 months	67.8
Petronas Leadership Centre, Bangi	Petronas Management Training Sdn Bhd	20 months	310.0
Grand Total till June 2019			1,547.0
IOI Mall (MEP)	IOI City Mall Sdn Bhd	18 months	68.0
Sental West Station (MEP)	MMC Gamuda KVMRT (UGW) JV	12 months	56.6
Big Box Rooftop solar	Sunway Century Sdn Bhd	3 months	8.0
Jurong West N2C20 (Precast)	Kienta Engineering Construction Pte Ltd	13 months	38.6
Tampines N9C18 (Precast)	Welltech Construction Pte Ltd	15 months	21.9
Secured up to 30 Sept 2019			1,740.0
Sunway Pyramid solar	Sunway PFM Sdn Bhd	4 months	2.6
Tampines N6C3 - 354 dwelling units(Precast)	Kian Hiap Construction Pte Ltd	21 months	29.0
Secured up to 31 Dec 2019			1,771.6

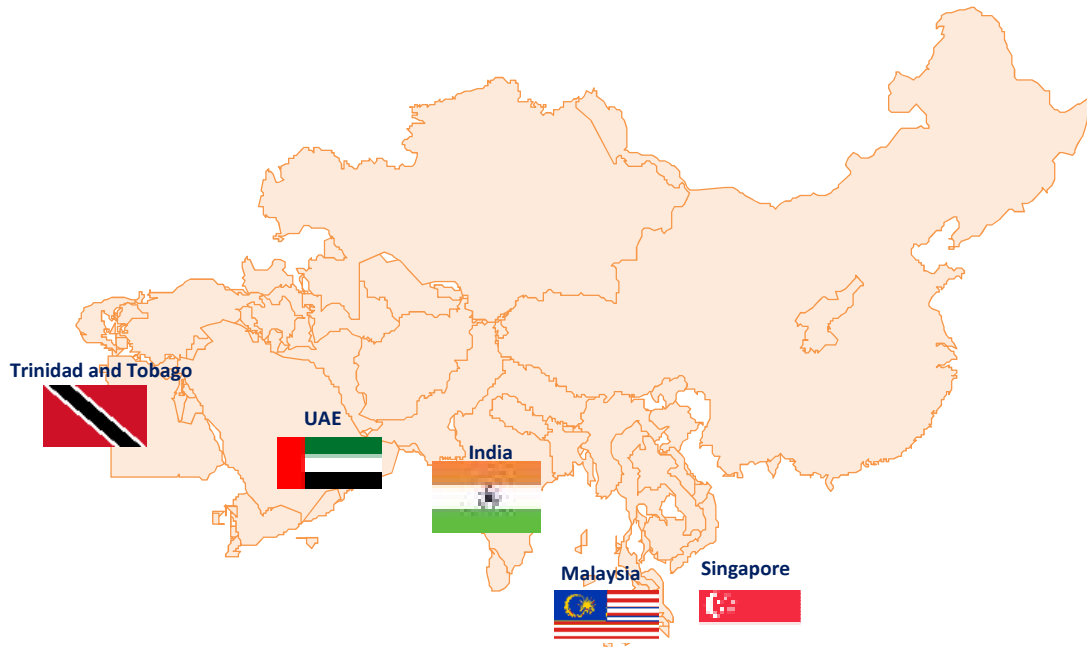
Target **NEW** order book for
FYE 2019 : RM1.5b
FYE 2020 : RM2b

New order 2018 : 1.6b, **2017** : 4.0b, **2016** : 2.7b, **2015** : 2.6b, **2014** : 0.8b, **2013** : 2.9b, **2012** : 1.9b

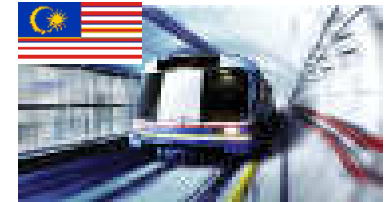
Outstanding Order book 2018 : 5.2b, **2017** : 6.1b, **2016** : 4.8b, **2015** : 3.8b, **2014** : 3.0b, **2013** : 3.2b, **2012** : 4.1b

PROVEN TRACK RECORD

Successfully Secured & Executed Major Projects both Domestically & Internationally..



Parcel F, Putrajaya
Completed : 2019
Value: RM1,610mil



Package V4
Completed : 2016
Value: RM1,172mil



Kuala Lumpur Convention Centre
Completed: 2005
Value: RM549mil



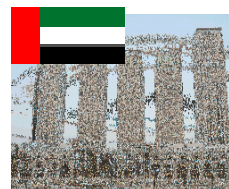
Phase 1A, Rihan Heights,UAE
Completed: 2010
Value: US\$510 mil



East-West Corridor Uttar Pradesh, India
Completed: 2008
Value: US\$67 mil



Ministry of Legal Affairs
Completed: 2007
Value: US\$58 mil



Phase 1, Plot 1 Al-Reem Island
Completed: 2009
Value: US\$362 mil



HDB – Bukit Merah
Completed: 2016
Value: SGD31mil



LRT Package B
Completed : 2015
Value: RM569mil

STRONG BRAND HERITAGE

Proven Capabilities...

Which Led to an Established Multi-Award Winning Brand...

Proven
Operating
Success

SUNWAY
CONSTRUCTION

Excellent
Reputation

Heritage of Over 30
years

Leverage on the "Sunway" Brand

2019

- **6 March 2019: 4th Asia Sustainability Reporting Awards (ASRA) Singapore** – Asia's Best Sustainability Report within Annual Report
- **31 July 2019 : MSWG Corporate Governance Awards** – Overall CG & Performance (Silver / 2nd placing) and CG Disclosure (Top 15)
- **1 Aug 2019 : MSOSH OSH Awards 2019** commendable safety and health record (1 Gold Class 1, 4 Gold Class 2 & 1 Silver)
- **18 Sept 2019 : The Edge Billion Ringgit award** – Highest ROE
- **4 Oct 2019 : MCIEAW 2019 "Contractor of the Year"**
- **28 Nov 2019 : NACRA 2019 "Industry Excellence Award"**
- **18 Dec 2019 : 3 Gold Health, Safety & Environment (HSE) awards** at Putrajaya's HSE Appreciation Lunch & Awards

FTSE4Good Bursa Malaysia Index

Bursa Malaysia has always advocated sustainability as key to business success today. A holistic approach to business management, incorporating economic, environmental, social and governance considerations alongside financial ones, will serve as a sound business model that supports business continuity and long term value creation for stakeholders and society at large.



SG50 Prestige
Enterprise Award
2015 / 2016



Singapore Successful
Brand 2015



MCIEA Builder of The
Year Award
2018, 2013, 2005 &
2003



MCIEA
International
Achievement Award
2012



Industry Excellence
Awards 2014 – Export
Excellence Award



MCIEA Project Award:
Building-Major Scale –
KL Convention Centre
2006

5 CONTINUOUS SUPPORT INTERNALLY

Sunway Group Strategic Relationship

SUNWAY®

- ✓ Major property developer in Malaysia. Revenue =2019 : 0.6b (2018 : 0.6b 2017:0.9b, 2016:RM1.2b) from its property development divisions
- ✓ Total gross development value of remaining landbank (3,362 acres) Johor 50%, Klang Valley 28%, Penang 6%, Singapore 12%, Others 4% – **RM59 bil (15 years)**
- ✓ 2020 Launch Target : **RM3.5b** (2109 : 1.2b, 2018 : 2.1b, 2017 : 1.1b, 2016 : 0.65b, 2015 : 1.4 bil)
Sales target 2020 : **RM2.0b** (2019 : 1.55b; 2018 : 1.7b; : RM2017 : 1.2b; 2016 : 1.2b, 2015 : 1.2b)
- ✓ At least 51% stake in Suncon Group post IPO

Bed rock orders even during a decline in the construction sector

SUNWAY®
CONSTRUCTION

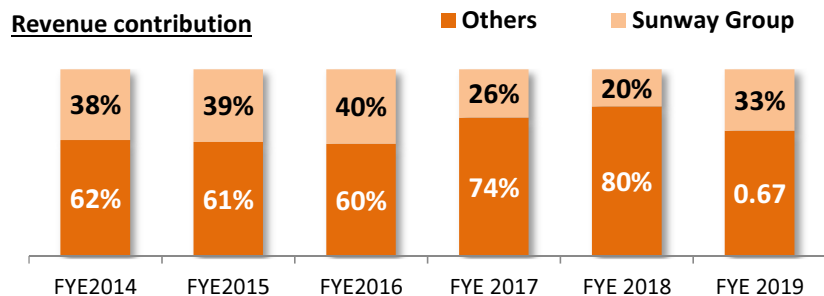
- ✓ Competitive advantage in property development – design optimization, assurance on quality & timeliness
- ✓ Portfolio of diversified services across the construction sub-sector

Our Key Developments with Sunway Group



Sunway Group's Continued Support

Revenue contribution



- ✓ 2019 : Internal new job order win = 13% [2018 : 77%]
- ✓ 2017/8 : reduced reliance on in-house jobs

Symbiotic Relationship with Sunway Group Provides Stability During Periods of Downturn

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SUNWAY®
CONSTRUCTION

HIGHLY EXPERIENCED MANAGEMENT TEAM

Chung Soo Kiong



Designation : Group Managing Director

Years in Suncon Group : >20 years

Construction Industry Experience : Over 20 years

Liew Kok Wing



Designation : Managing Director

Years in Suncon Group : > 20 years

Construction Industry Experience : Over 20 years

Ng Bee Lien



Designation : Chief Financial Officer

Years in Suncon Group : 15 years

Construction Industry Experience : 20 years

Evan Cheah



Designation : Non-Independent Non-Executive Director

Years in Suncon Group : 20 years

Construction Industry Experience : Over 15 years

Yip Lai Hun



Designation : Director Supply Chain & Contracts Mgmt

Years in Suncon Group : > 25 years

Construction Industry Experience : 27 years

Thomas Samuel



Designation : Director Piling Division

Years in Suncon Group : Since 2015

Construction Industry Experience : Over 33 years

Richard Wong



Designation : Director Building Division

Years in Suncon Group : 20 years

Construction Industry Experience : Over 28 years

Kwong Tzzy En



Designation : Director Precast Division

Years in Suncon Group : 20 years

Construction Industry Experience : Over 20 years

Eric Tan Chee Hin



Designation : Director MEP Division

Years in Suncon Group : 20 years

Construction Industry Experience : Over 19 years

Extensive Industry Expertise and Strong Execution Capability with an Average of Over 23 Years of Experience in the Construction Industry

KEY TAKEAWAYS

Fully integrated Construction Company

- Integrated business model providing end-to-end design and construction solutions
- VDC enabled
- Well supported by investment in capex and assets previously

Solid Order Book

- Strong order book & tender book with diversified construction capabilities across various sub – segments of the construction sector
- Proven Track Record in the Local & International Stage
- History of repeat order from reputable clients with high credit worthiness

Positioned for Growth

- The largest pure play listed construction company in Malaysia
- Top 3 construction group by turnover and profit
- Overseas venture to Myanmar and India
- M'sia Budget 2019 : RM29b budget in new hospital by JKR + Khazanah to develop 80 acres at Subang Aiport as aerospace hub + opportunities in renewable energy sector (LSS 3 : 2b)
- Construction sector growth in 2018 : 4.2%; 2017 : 6.7%; 2016 : 7.4% ; 2015 : 8.2% vs BNM forecast of 7.3% for 2018
- Singapore Precast : Construction on ICPH plant is on-going

Continuing Support from Sunway Group

- At least 51% stake in Suncon Group post IPO
- Bed rock orders even during a decline in the construction sector (past years 40% revenue)
- Treasury support from Sunway Bhd

Financial

- High Return on Equity (> 20%)
- Sound balance sheet with net cash position
- 35% dividend policy (2015 : > 40%, 2016 : > 50%, 2017 : > 60%, 2018 : > 60%, 2019 : 70%)

BUILDING – KLANG VALLEY

Job Scope : 1 storey semi basement car park, 4 storey institutional building, 2 guard house, 1 surau and other including associated works and upgrading of ancillary buildings

This building is designed with a target of Platinum rating for both GBI and LEED. The Campus is designed to encourage social collaboration and enhance future learning experiences through innovative learning spaces in support of PETRONAS work culture. The form of the campus is the curved central pedestrian spine that becomes a main Infrastructure focus and links all building components, where classes and accommodation blocks are interconnected closely to create space cohesion and spaces that are physically connected via crossing pedestrian bridge, adjoining classroom, guestroom and public spaces, to allow seamless visual interaction and connectedness to all these spaces. The building measures 470 meters long and by 36 meter depth including the central spine with a total built up area of 42,074.82 sq. m (452,725 sq. feet) including the sub-basement car park.



Contract Sum : RM310 mil
Client : Petronas
Completion : 1Q2021

BUILDING – KLANG VALLEY

Building	No of Storey
Block A – Office	19
Block B - Office	12
Block C - Office	9
Block D- Office	7
Basement 2	1
Basement 1	1
LG	1
5 - Convention Centre	3
6 - Interactive Centre For Electricity	2
7 - Pelitawanis	4
8 - Child Care	3



TNB CAMPUS, BANGSAR



AERIAL VIEW	
1 BLOCK A	5 CONVENTION CENTRE
2 BLOCK B	6 INTERACTIVE CENTRE OF ELECTRICITY
3 BLOCK C	7 PELITAWANIS
4 BLOCK D	8 CHILDCARE

Contract Sum : RM781.3 mil
(13.6 acres)

Client : Tenaga Nasional Berhad

Completion Year : 1Q2021 – 26 months (19 Jan 2019)

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BUILDING – KLANG VALLEY

BLOCK	DEPARTMENT
F3	Jabatan Audit Negara
F1	Suruhanjaya Perkhidmatan Awam
F2	Jabatan Audit Negara
F5	Jabatan Perancangan Bandar dan Desa
F6	Bahagian Pengurusan Hartanah
F7	Jabatan Kerja Raya
F11	Jabatan Perangkaan
F8	<i>Shared Facilities Block</i>
F9	Unit Kerjasama Awam Swasta
	Suruhanjaya Perkhidmatan Pelajaran
	Unit Kawal Selia Felda
F10	Biro Pengaduan Awam
	Biro Tatanegara
	Jabatan Landskap Negara
	Jabatan Perangkaan



PARCEL F, PUTRAJAYA



Contract Sum : RM1.6 bil
 (34 acres, GFA = 445,170 sqm)
Client : Putrajaya Bina Sdn Bhd
Completion Year : 1Q2019

BUILDING – SOUTHERN REGION



BUILDING – NORTHERN REGION



SUNWAY CARNIVAL MALL EXTENSION

Gross floor area to 1.45 million sq ft from the current 780,000 sq ft

Net lettable area (NLA) from around 500,000 sq ft to 830,000 sq ft.

Opening Mid 2021

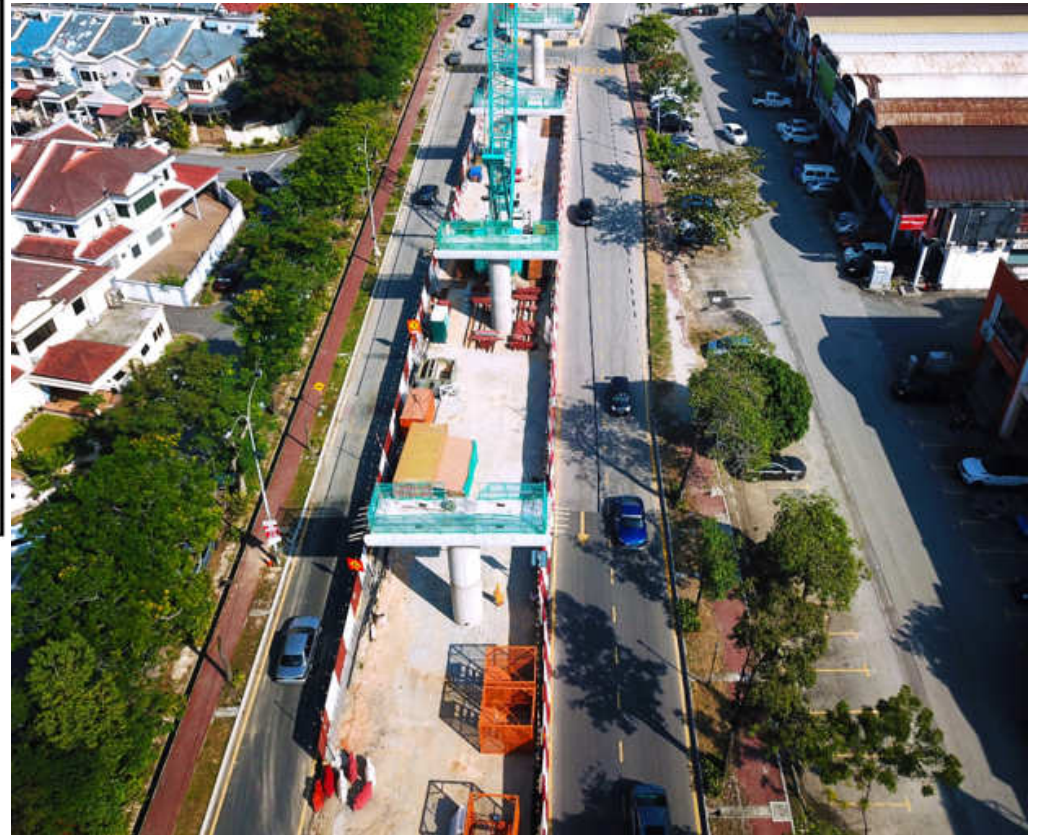
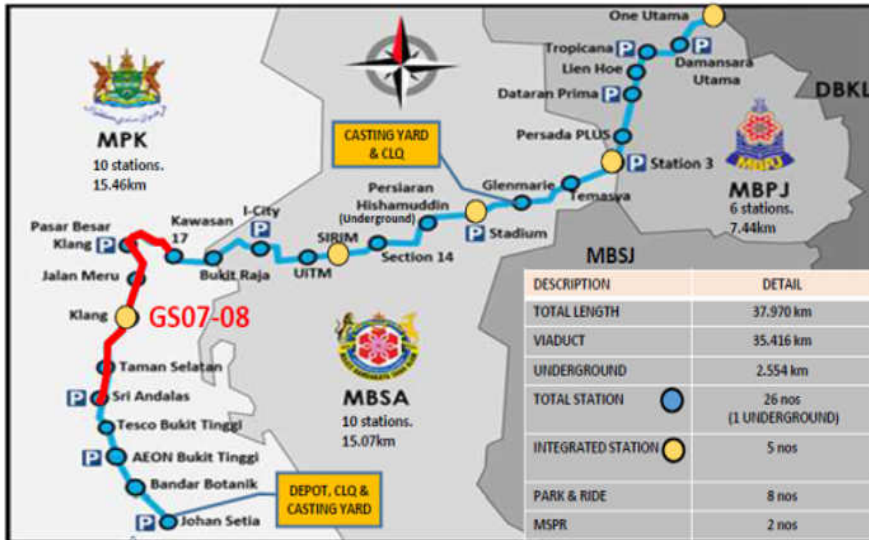
SUNWAY MEDICAL, SEBERANG JAYA

180-bed hospital with a six-bed intensive care unit

Opening Mid 2021



CIVIL / INFRASTRUCTURE



LRT 3 – GS0708 (KAWASAN 17 TO SRI ANDALAS)

Job Scope :

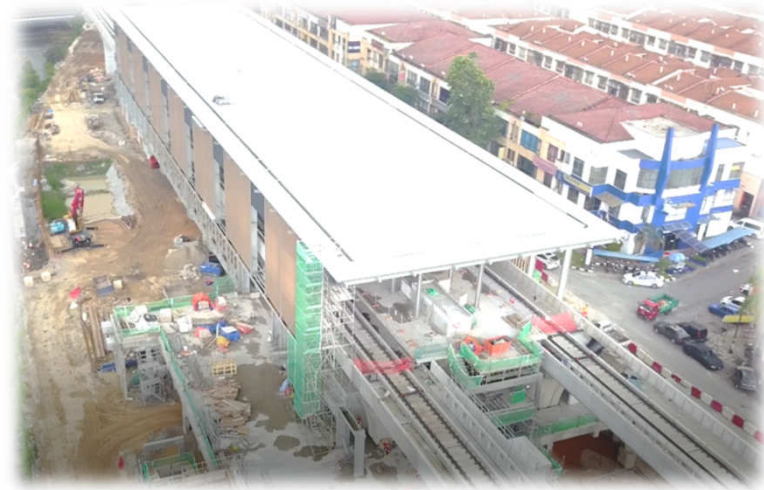
- 9.2km of viaduct works
- 6 stations works
- 1 “iconic” bridge over Klang River (Design & Build)
- 2 Park & Ride at Pasar Besar Klang and Sri Andalas
- 1 Centralised Labour Quarter at Johan Setia

CIVIL / INFRASTRUCTURE

MRT V201 (SUNGAI BULOH TO PERSIARAN DAGANG)

Duration : 60 months (completion May 2021)

Job Scope : Construction and Completion of Viaduct Guideway from Sungai Buloh to Persiaran Dagang and Advance Work Construction of Viaduct Guideway between Kampung Muhibbah to Serdang Raya . Works involves **3 nos** station, **142 nos** piers, **180 km** telco fibre optic relocation, **21.5 km** underground HT cables relocation, **5.4 km** water pipe relocation and **701 nos** bored piles



GEOTECHNICAL



Pile Foundation Works



Earth Retaining System

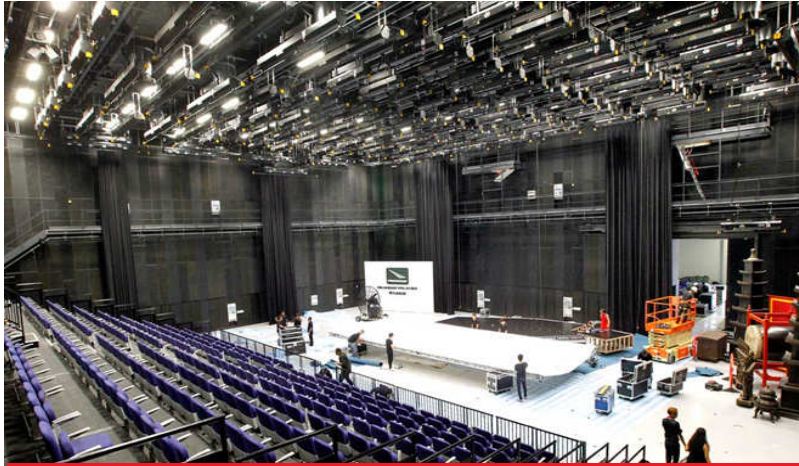


Ground Treatment



Offshore Piling

MECHANICAL, ELECTRICAL AND PLUMBING



Pinewood Movie Studio



Central Utilities Facilities



KLIA Chilled Water

RENEWABLE ENERGY



Gas District Cooling Plant - Putrajaya



Roof Top Solar – Sunway Iskandar

PRECAST CONCRETE PRODUCTS



Parapet Wall



Façade Window



Water Tank



Lift Core Wall



Column



Staircase



Hollow Core Slab



Prefabricated Toilet

PRECAST CONCRETE PRODUCTS

Plant	Area (sq. ft.)	Max Annual Capacity (m ³)	Utilisation rate 2019 (%)	Utilisation rate 2018 (%)	No. of lines
Senai Plant (own) <i>Oct 2012</i>	Built up area : 262,231 Land area : 475,409	75,000	34%	58%	6+3 (half) lines
Iskandar Plant (rented) 5 years Pioneer Status	Land area : 9 hectares	81,600	56%	39%	9 lines

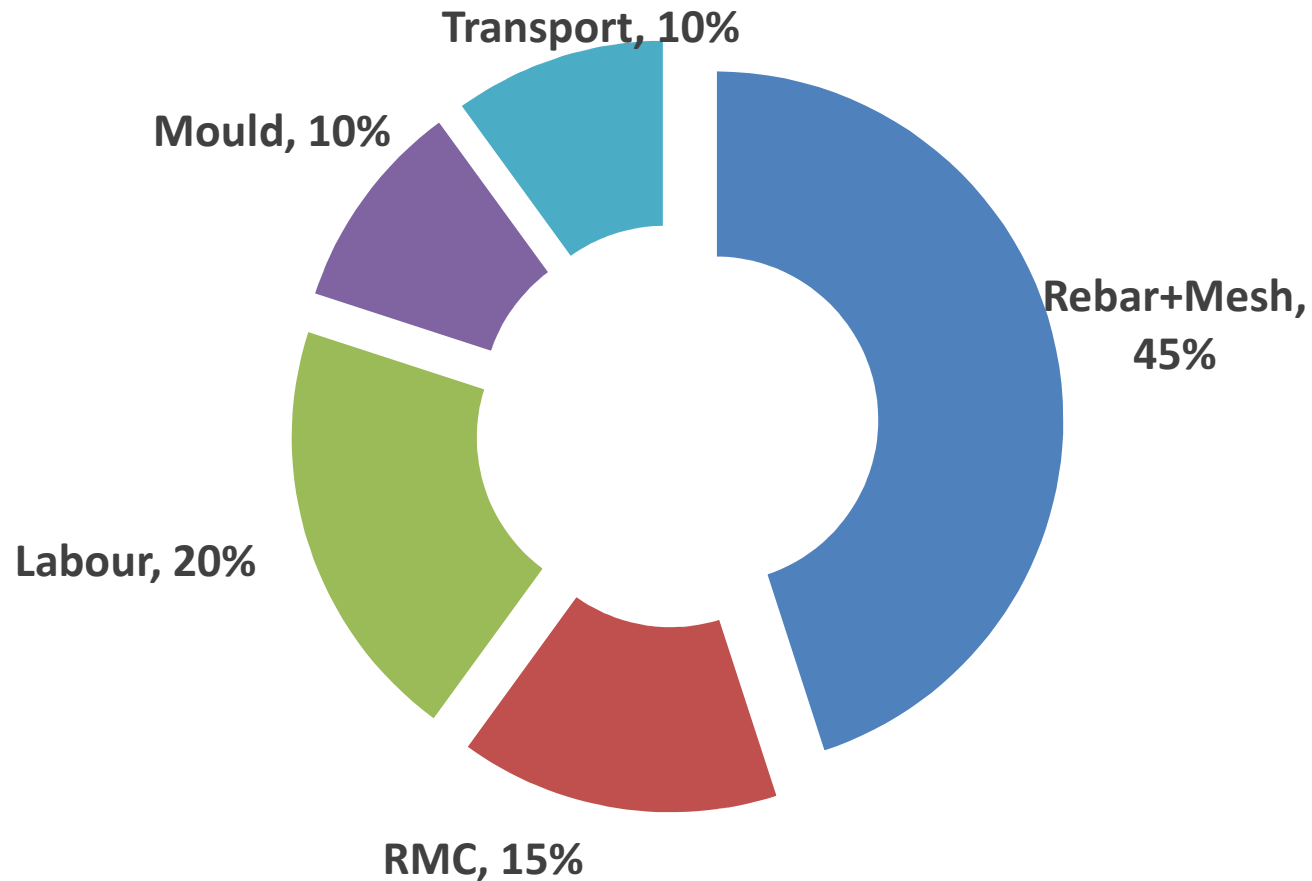
HDB BTO Launch → 2018 = 15,811 nos wit 2019(F) = 15,000 nos (2017 : 17,593; 2016 17,891; 2015 : 15,100 ; 2014 : 22,455)

Capacity building → ICPH (Integrated Construction Precast Hub) in **Pulau Punggol Barat** costing SGD80m during the 3 years construction period for a 30 years lease for a fully automated robotic precast plant
(Tender won on 27 July 2018 & tentative opening of plant : 4Q 2021)

Opportunities → HDB will implement prefabricated bathroom units (PBU) for all Singapore new flats by 2019.

PRECAST CONCRETE PRODUCTS

Cost component of Precast



PRECAST – OPPORTUNITIES IN SINGAPORE

SINGAPORE: By 2019, 35 per cent of newly launched housing board projects will be built using a method in which 3D modular units are manufactured and finished in factories, announced the Housing and Developing Board (HDB) in a news release on Wednesday (Sep 6).

The method, known as Prefabricated Prefinished Volumetric Construction (PPVC), is being piloted in Valley Spring @ Yishun. Construction for the 824 Build-to-Order (BTO) units began in March, and HDB said such technology will improve productivity and ensure greater quality control.

“Volumetric construction in a factory environment offers more uniform and better quality workmanship. The incidence of wet construction joints is also reduced, thereby improving the water tightness of wet areas,” said HDB.

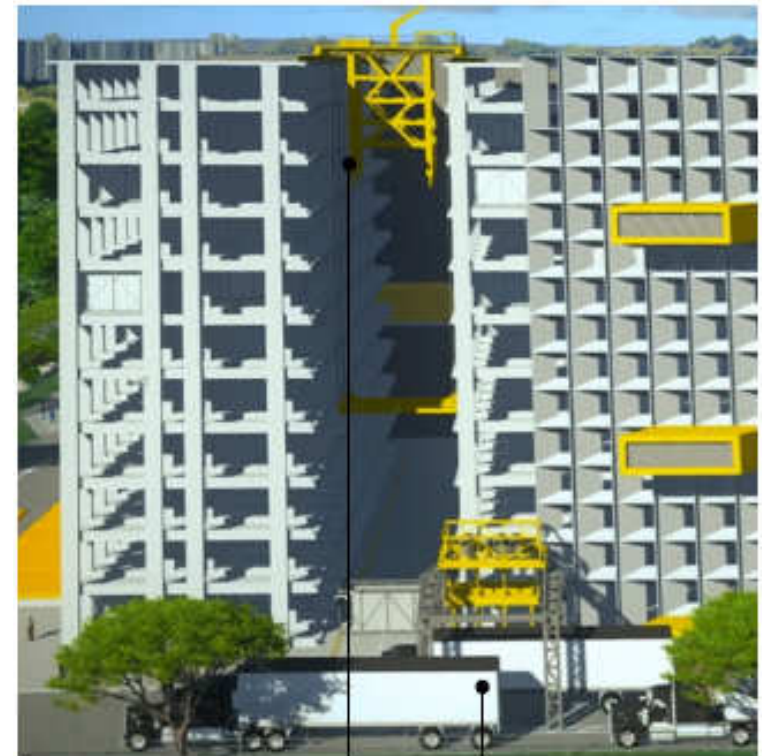
It added that with the finishes done in factories, there will be less noise and dust at the construction site. Fewer workers are also required on-site.

Apart from the PPVC method, HDB also announced that by 2019, all BTO flats will be fitted with bathroom units that are pre-assembled off-site, with finishes like copper piping, partial tiling, window frames and a waterproofing system.

The PPVC method will be 8 per cent costlier than conventional building methods, where workers hoist raw materials onto elevated blocks being built.

"These costs are expected to come down as the technology matures and the industry capacities and capabilities build up over time.

"The use of pre-fabricated bathroom units and PPVC methods will also translate to savings in terms of manpower," said the HDB.



LIFTING
CRANE

TRAILER
DELIVERY

PRECAST – OPPORTUNITIES IN SINGAPORE

THE BUSINESS TIMES

REAL ESTATE

ALL NEWS WEEKLY BREAKING TODAY'S PAPER LIFESTYLE OPINION SME WEALTH FOCUS MAGS HUB

HOME REAL ESTATE

Prefabricated bathrooms, units for all Singapore new flats by 2019



1/50, SEP 28, 2017 - 8:08 PM

CLAIRE HUANG huangly@sph.com.sg



This would drive HDB's construction productivity on a larger scale, setting it on track to achieve a productivity improvement of 25 per cent by 2020, compared with 2010. PHOTO:HDB

THE Housing Development Board (HDB) says it will improve construction productivity through a greater use of prefabricated units that are assembled off-site but that can be installed on-site.

This would drive HDB's construction productivity on a larger scale, setting it on track to achieve a productivity improvement of 25 per cent by 2020, compared with 2010.

One of the initiatives is to expand the use of prefabricated bathroom units (PBU).

The HDB on Wednesday said that it would implement PBUs in 60 per cent of the flats launched in 2017, before extending this to all projects launched by 2019.

HDB construction productivity to improve 25 per cent by 2020

HDB to use prefabricated building methods in 35% of all its projects by 2019



Linette Heng

Reporter

Sep 07, 2017 06:00 am

0 Shares

Prefabricated bathrooms units (PBUs) of better workmanship quality will be a feature of all newly launched Housing Board flats by 2019.

The Prefabricated Prefinished Volumetric Construction (PPVC) method - which involves constructing and assembling 3D modular units with finishes in a factory before it is transported to a construction site for installation - will also be used in 35 per cent of all HDB projects by that time.



Prefabricated bathrooms units are assembled with finishes in a factory before it is transported to a construction site for installation.

PHOTO: LIANHE ZAOBAO

POTENTIAL KEY RISKS

Potential Risk	Potential Impact	Controls to Mitigate Risk
Fluctuation of material price – steel rebar	Steel bar price Dec 2017: RM 2,583/mt Dec 2018 : RM2,214.75 Dec 2019 : RM1,946.50	<ul style="list-style-type: none"> Bulk locked-in steel rebar in advanced at lower prices or when price is favorable. Forward-looking steel rebar requirement (approximately 6 months in advanced).
-Bulk Cement	Dec 2017 : RM209/mt Dec 2018 : RM206 Dec 2019 : RM222	<ul style="list-style-type: none"> Managed to lock in at old price for most existing projects till completion
Foreign workers levy	RM 1,850p.a. for 800 direct workers. Cost impact: RM1.5mil	<ul style="list-style-type: none"> Manage foreign workers efficiently as the cost on existing direct workers (600pax) are fixed. Levy cost will be factored in in new tender.
Foreign currency fluctuation	Importation of special lightings, furnishing & façade components	<ul style="list-style-type: none"> FOREX hedging in advance once design and bill of quantity is confirmed. FOREX rates are fixed upfront at the contractual level.

