HERIOT WATT UNIVERSITY | WATT CLUB SINGAPORE

2022 YEAR END PRESIDENT REPORT

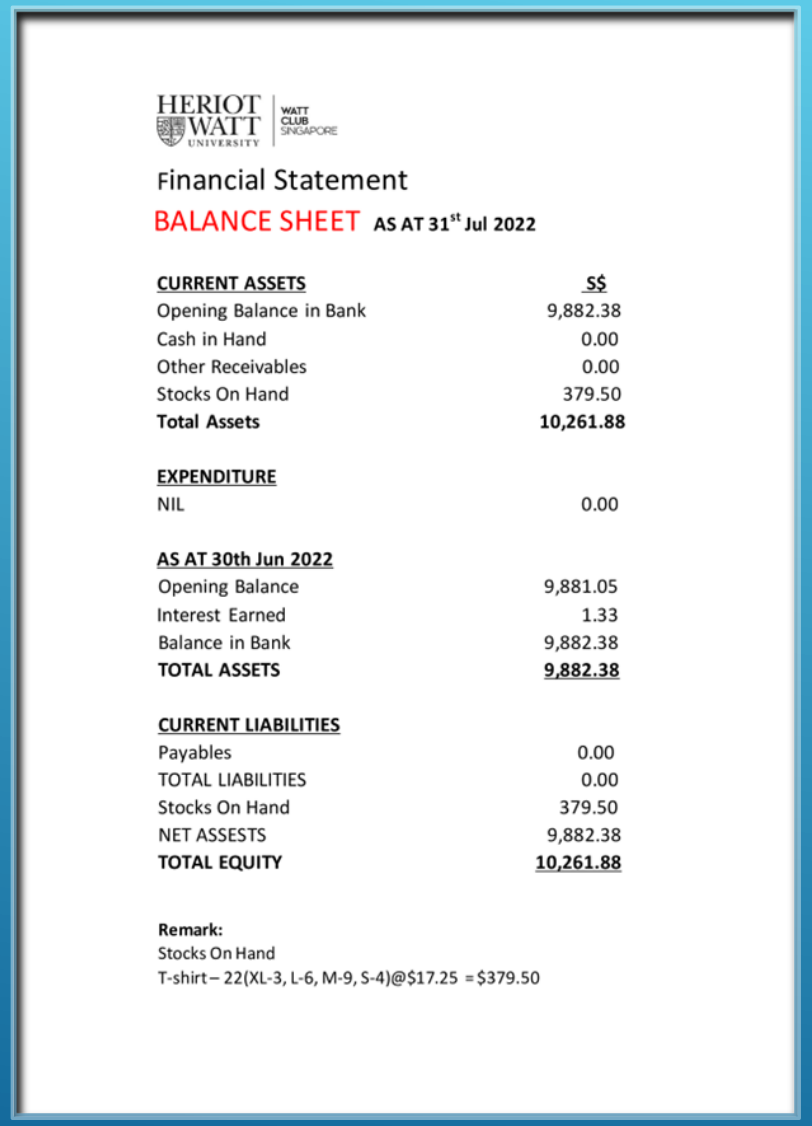
CONTENT 2022 YEAR END REPORT

- Welcome address by President of Watt Club Singapore
- Financial Statement 31st Jul 2022
- Watt Club Activities 2021-2022

- A great thanks to the WCS management committee 2021-2022 and we managed to meet at Marche Suntec on 29 Jul 2022
- At this juncture, WCS committee would like to congratulate our 2nd Vice President Mr. Han He on his wedding on 3rd December 2022 in Kuantan Pahang.
- Covid is still in our mind. Let us be positive and looking forward for a better tomorrow and I sincerely hope everyone stay safe and healthy.
- We, WCS are honoured to collaborate, share our activities and events with Chartered Association of Building Engineer Singapore Chapter, The Chartered Institute of Building (Singapore), Singapore Institute of Building Limited, Trent Global College (Singapore) and SRMEG Society for Rock Mechanics & Engineering Geology (Singapore)

- A Big Thank you for all your kind support to Watt Club Singapore.

WELCOME ADDRESS BY WCS PRESIDENT



HERIOT WATT UNIVERSITY | WATT CLUB SINGAPORE

Financial Statement

BALANCE SHEET AS AT 31st Jul 2022

CURRENT ASSETS	S$
Opening Balance in Bank	9,882.38
Cash in Hand	0.00
Other Receivables	0.00
Stocks On Hand	379.50
Total Assets	**10,261.88**

EXPENDITURE	
NIL	0.00

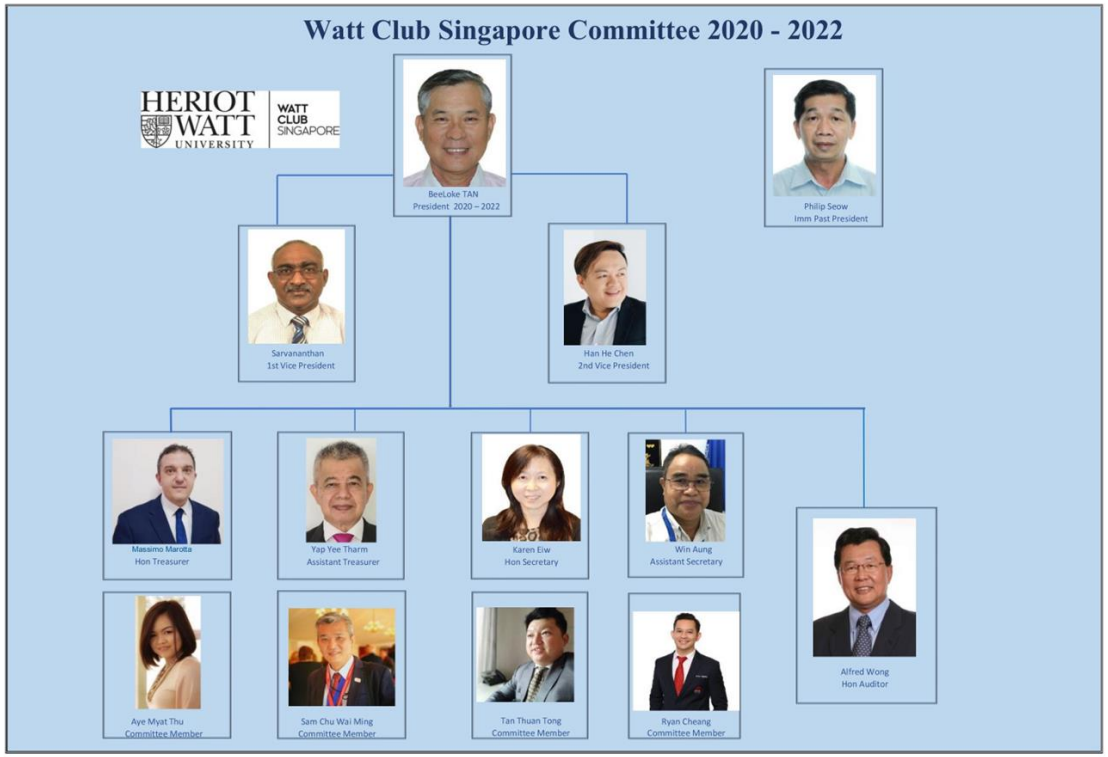
AS AT 30th Jun 2022	
Opening Balance	9,881.05
Interest Earned	1.33
Balance in Bank	9,882.38
TOTAL ASSETS	**9,882.38**

CURRENT LIABILITIES	
Payables	0.00
TOTAL LIABILITIES	0.00
Stocks On Hand	379.50
NET ASSESTS	9,882.38
TOTAL EQUITY	**10,261.88**

Remark:
Stocks On Hand
T-shirt – 22(XL-3, L-6, M-9, S-4)@$17.25 =$379.50

THE FINANCIAL STATEMENTS YEAR ENDED 31ST JULY 2022

WCS COMMITTEE GROUP PHOTO



- Watt Club Singapore Management Committee 2020/2022

WATT CLUB SINGAPORE 'S PAST PRESIDENT AND FOUNDING MEMBER SINCE 2011

Ms Karen Eiw Founding Member Since 2011

Paul Er 2011-2012

Wong Cheong Hong 2021-2014

Thierryson Chua 2014- 2016

Philip Seow 2016- 2020

WCS COMMITTEE MEETING

1ST	15 DEC 2020
2ND	23 FEB 2021
3RD	7 MAY 2021
4TH	6 AUG 2021

15 Dec 2020

7 May 2021

WATT CLUB SINGAPORE
Tuesday 23/2/2021 1900hr Via WebEx
Attendees

1. Seow Seng Cheong, Philip	Past President
2. Tan Bee Loke	President
3. R. Sarva	Vice President
4. Chen Han He	Vice President
5. Massimo Marotta	Treasurer
6. Eiw Pang Cheo, Karen	Secretary
7. Yap Yee Tharm	Asst Treasurer
8. Sam Chu	Committee Member
9. Tan Thung Tong	Committee Member

23 Feb 2021

6 Aug 2021

WCS COMMITTEE MEETING

1ST 3 DEC 2021
2ND 29 JUL 2022

Fri 3 Dec 2021 19.30pm Via Webex
Discussion of 2022 events and activities
Attendees
1. BeeLoke
2. Karen
3. Sam Chu
4. Han He
5. Yap Yee Tharm
6. Sarva

With apologies –
1. Massimo

3 Dec 2021

Fri 29 Jul 2022 1930hr Marche Suntec
Attendees
1. Tan BeeLoke
2. Karen
3. Yap Yee Tharm
4. Sam Chu
5. Myat Aye Thu Jin
6. Ryan Cheang

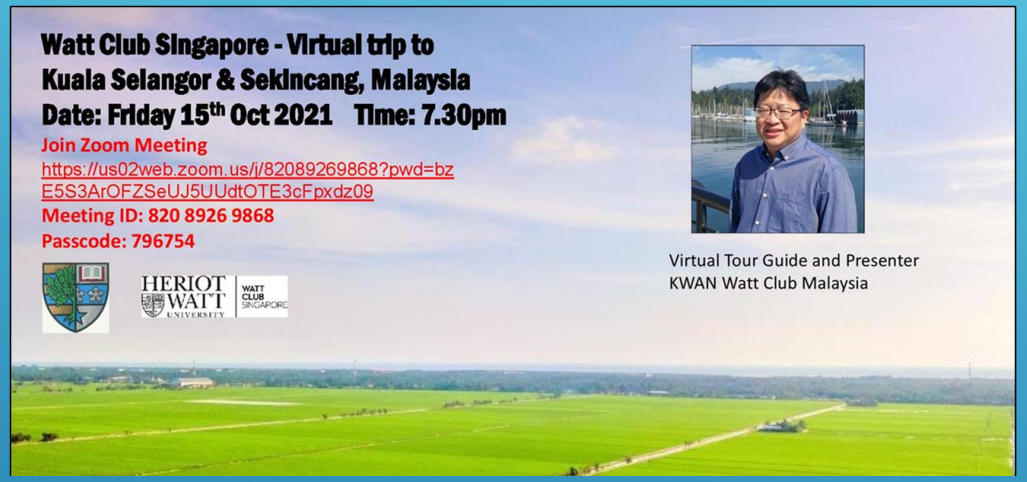
With apologies -
1. Massimo
2. Sarva
3. Tan T T

29 Jul 2022

FENGSHUI TALK DATED 27TH JAN 2021

19 TH MARCH 2021 PROPERTY OUTLOOK 2021 BY MR. RYAN CHEANG

JOINT EVENT WITH CABE SC AND WCS DATED 17TH JUN 2021



VIRTUAL TOUR OF MALAYSIA PRESENTED BY MR. KWAN (WATT CLUB MALAYSIA) DATED 15 OCT 2021

HERIOT WATT UNIVERSITY | WATT CLUB SINGAPORE

cabe chartered association of building engineers Singapore Chapter

Saturday, October 30, 2021
3:00 PM

In collaboration with the Heriot-Watt Club Singapore, the seminar provided by Engr. Alfonso R. Sincioco Jr will look at the following:

Synopsis

The presentation aims to exquisitely providing the overview of the on-going construction of Integrated Waste Management Facility (IWMF) in the western part of Singapore. This mega-project is part of Singapore's long-term plan of sustainable development.

Speaker's Bio

Our speaker Engr. Alfonso Sincioco, Jr, Lead Resident Engineer at Binnies Singapore Pte Ltd, has been involved in environmental engineering projects over 20 years and a Chartered Engineer in Environmental and Water Engineering in Singapore, and has worked on waste-to-energy projects in Singapore and Middle East. He is Chartered Member of CIOB and a Fellow Member of CABE. He will be presenting the Integrated Waste Facility or IWMF Project in Singapore, which is being constructed and designed. The IWMF is worth $3 billion and in synergy with Tuas Water Reclamation Project (TWRP).

Tuas Nexus Synergies

Material/Waste Handling Synergies

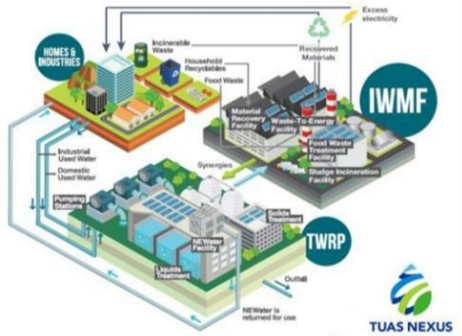
1) Food waste from IWMF to TWRP for co-digestion
2) Dewatered sludge from TWRP to IWMF for incineration
3) Screening and grit from TWRP to IWMF for disposal

Energy Synergies

4) Power supply from IWMF to TWRP for plant operations
5) Steam from IWMF to TWRP for thermal hydrolysis of sludge
6) Biogas from TWRP to IWMF to increase overall thermal efficiency

Water Synergies

7) Water from TWRP to IWMF for wet flue gas treatment process use
8) Sludge dryer condensate from IWMF to TWRP for treatment
9) Chilled water from IWMF to TWRP for air-conditioning



OVERVIEW OF INTEGRATED WASTE MANAGEMENT FACILITY (IWMF) PROJECT IN SINGAPORE DATED 30 OCT 2021

COMMUNITY WORKS IN SINGAPORE

MARCH & APRIL 2021

The Parties hereby agreed that the MOU is not legal binding.

Dated this 14th day of January 2022

For
SINGAPORE INSTITUTE OF BUILDING LIMITED
DR SUSSIE KETIT
PRESIDENT

WATT CLUB SINGAPORE
TAN BEE LOKE
PRESIDENT

Witness by
SINGAPORE INSTITUTE OF BUILDING LIMITED
Name: Shane D Ward
1st Vice President

Witness by
WATT CLUB SINGAPORE
Name: R. Sarvananthan
1st Vice President

Page 3 of 3

MEMORANDUM OF UNDERSTANDING

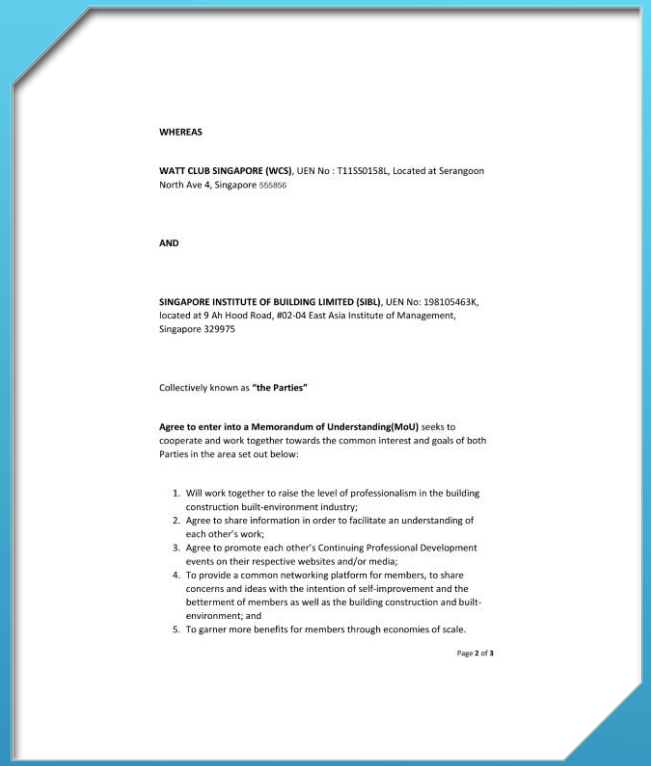
Singapore Institute of Building Limited

Singapore Institute of Building Limited

HERIOT WATT UNIVERSITY | WATT CLUB SINGAPORE

Watt Club Singapore

Page 1 of 3



WHEREAS

WATT CLUB SINGAPORE (WCS), UEN No : T11SS0158L, Located at Serangoon North Ave 4, Singapore 555856

AND

SINGAPORE INSTITUTE OF BUILDING LIMITED (SIBL), UEN No: 198105463K, located at 9 Ah Hood Road, #02-04 East Asia Institute of Management, Singapore 329975

Collectively known as **"the Parties"**

Agree to enter into a Memorandum of Understanding(MoU) seeks to cooperate and work together towards the common interest and goals of both Parties in the area set out below:

1. Will work together to raise the level of professionalism in the building construction built-environment industry;
2. Agree to share information in order to facilitate an understanding of each other's work;
3. Agree to promote each other's Continuing Professional Development events on their respective websites and/or media;
4. To provide a common networking platform for members, to share concerns and ideas with the intention of self-improvement and the betterment of members as well as the building construction and built-environment; and
5. To garner more benefits for members through economies of scale.

Page 2 of 3

MOU – SIBL AND WCS DATED 14TH JAN 2022

WEBINAR BY SIBL DATED 21ST JAN 2022

sansan

Singapore Institute of Building Limited

UPCOMING WEBINAR

Digitalization for Greater Productivity

Friday, 21st January – 3:00 PM SGT

REGISTER NOW

FOREWORD

SIBL is pleased to announce its first joint webinar with Sansan, our newest SIBL Corporate Member. Join Edward Senju, Sansan Regional CEO and Vanessa Tang, AcePLP and SIBL Board Director as they share how on-site and back office professionals in the Singapore built environment sector can potentially rethink the ways to implement and reap the benefits of digitalization, as the industry continues to better navigate the on-going pandemic.

Seats are limited, so get your first headstart of 2022 and register now!

Dr. Keow Yeong Ming
Chairman of SIBL APDC

SESSION 1

Building Information Modeling (BIM) in a Common Data Environment (CDE)

by Vanessa Tang, AcePLP

As digitalization emerges as a major driving force for greater resilience and productivity in Singapore's built environment sector, the ability to allow project teams

to create, organise, and share information for tighter collaboration and decision-making has become a necessity. By establishing a CDE, critical project and asset information contained in BIM models and other data sources can be appropriately managed based on the principle of controlled information sharing, coupled with documented checks at key project milestones in a timely and trusted way.

Vanessa Tang, AcePLP's Director of Corporate Development, will explore the following key issues on how an organization can build a robust central information repository in the form of a CDE that is at the heart of BIM implementation.

SESSION 2

Kaizen for Business Process Transformation – From Analog to Digital

by Edward Senju, Sansan

Radical transformation does not happen overnight. Especially for an industry deeply ingrained in manual and paper-based processes – only with relevant digital tools and timely training can employees be empowered to change, beginning with gradual shifts towards digitalisation – essentially by leveraging on the Kaizen way.

In this session, join Sansan's Regional CEO Edward Senju where he will share how forward-looking Japanese companies in the building environment industries adopt Kaizen in driving effective digital transformation that generate significant benefits such as cost and time savings, and empower teams to perform at high levels of productivity.

Vanessa Tang

Director, AcePLP

Vanessa Tang is a leading BIM Advisor for guiding firms in the Built Environment to digitise and enhance their Integrated Digital Delivery workflows. She is a Corporate Development Director at AcePLP, which offers Building Information Modelling, Virtual Design and Construction, reprography and digitisation services. Her clients include government agencies, consultants and contractors working on Singapore's Built Environment projects.

Vanessa works with technology partners such as Bentley, Trimble and Autodesk to deliver technological and information management solutions for her clients. She sets up BIM teams and grooms future talent for the Built Environment.

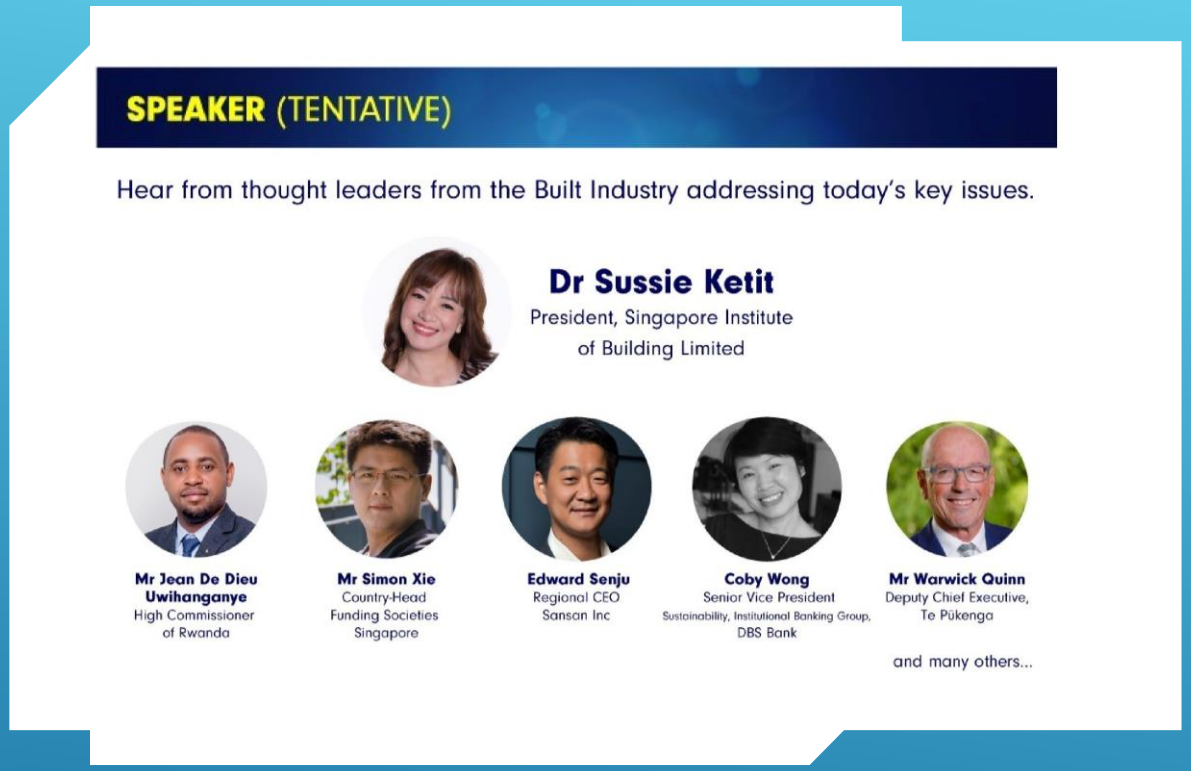
Edward Senju

Regional CEO, Sansan

As one of the core founding members of Sansan, Edward grew up and has worked in Japan, the US, Mexico and India, giving him a uniquely international perspective. Today, using Singapore as a springboard, Edward is responsible for driving Sansan's growth globally. Sansan Inc is a listed Japanese provider of cloud-based contact management and invoice management solutions for corporations.

Widely regarded as a thought leader on digital productivity, Edward is also a prolific speaker and has been featured in tech-centric stories and interviews by established media platforms such as The Economist, Business Times, Straits Times, Channel 8, CNA938, Nikkei Asia, CNBC and more.

BUILDTECH ASIA 2022 DATED 15 TO 17 MAR 2022 AT SINGAPORE EXPO ORGANISED BY SIBL



CONSTRUCTING OUR WORLD CONFERENCE (COW) DATED 17 MAR 2022 BY SIBL

- SRMEG Society for Rock Mechanics & Engineering Geology (Singapore)
  - Jan 2022 – Real-Time Monitoring
  - Feb 2022 – Innovations in Grouting Technology
  - May 2022 – Low-Carbon Sprayed Concrete
  - Jun 2022 – The Hyper Tunnel Process
  - Jul 2022 – The effect of geologic condition on fire behaviors of tunnels considering soil-structure interaction
  - Aug 2022 – Monthly Webinar 26 Aug 2022
  - Sep 2022 – Monthly Webinar 30 Sep 2022

SRMEG – MONTHLY WEBINAR- BUILT ENVIRONMENT

LONG TERM PLAN REVIEW (LTPR) EXHIBITION