



NOV//2022//



Engineers
Without Borders
(Singapore)

Annual General Meeting 2022

27 November 2022



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2022 Executive Committee





Agenda

1. President's Brief
2. Vice President (External) Brief
3. Vice President (Internal) Brief
4. Presentation Ceremony (Outgoing Members)
5. By-Election (Incoming Members)
6. Publicity Report
7. Project Updates
8. Financial Report



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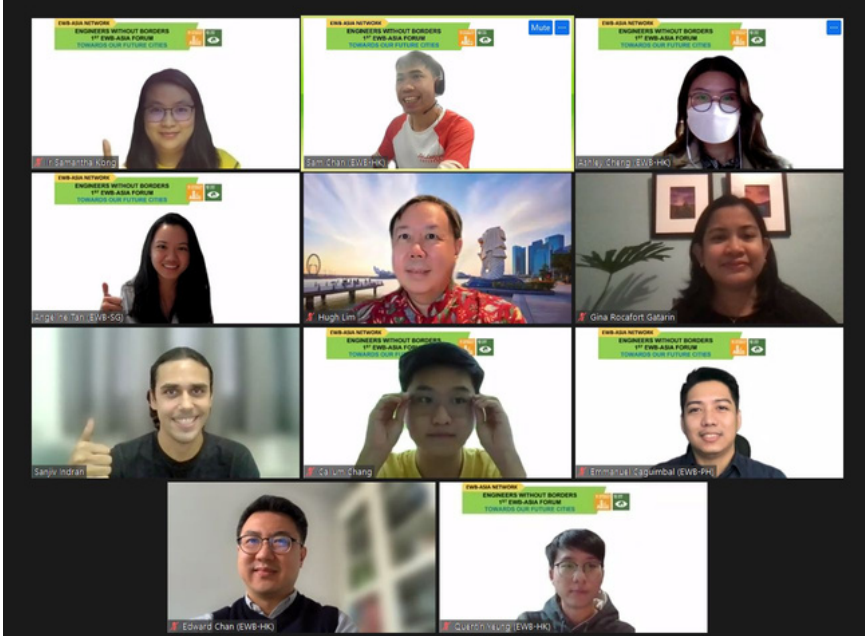
President's Address



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VICE PRESIDENT (EXTERNAL) BRIEF

What happened in 2022?



Feb '2022
EWB-Asia Webinar
Networking



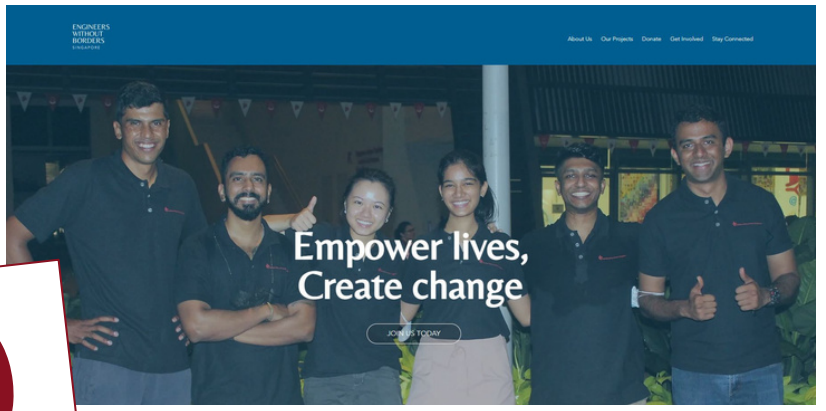
April-June '22
Design Thinking workshops
with Nee Soon East CC
Education / Engaging
Community



July '22
Soft launch of website
& Rebrand
(Sweathha, Jessica)
Marketing



Via new website:
● 20 volunteers signed up as members
● 2 corporate partners reached out (AECOM, CLEAN Intl)



KEEP IT UP EVERYONE!! :) July '22

March '22
Nepal - Recce Trip
WASH



July '22
Tapul Bridge
"5km walk in the park"
Fundraising



Walk itself raised \$1835, out of a total of \$13,315 for this round

September '22 →
Playground with Nee
Soon East CC
(Shao Yang)
Engaging community



Ongoing →
ACRES
Turtles

Outcome:
● Stronger, more connected community base
● Better communication of our identity

Networking throughout 2022

Why do we need to network?

- +Shared knowledge & solutions
- +Better identification of community needs

EWB International

- +Contact: Katie, Sanjiv
- +SG POC: Angeline, Faris
- +Shared knowledge
- +Bi-weekly meetings from June - September '22
- In progress: Building a central database of projects & solutions

Bentley Education

- +Contact: Sriram
- +SG POC: Faris
- +Bentley has an education programme in place already with EWB Australia
- +Just need to plug & play
- Faris - any follow ups on training?

CLEAN International

- +Contact: Heather, Grace Silver
- +SG POC: Angeline
- +Strengths are in determining water needs of communities & solutions database
- +Have funding for projects
- +Connected us with gravity.org in Nepal
- In progress: Follow up with gravity.org;
- Potential follow up on water conservation efforts locally, looking at serving rental flats in SG

AECOM

- +Contact: ?
- +SG POC: Ameen
- In progress: CityHack, Angeline showing face later LOL

HP

- Contact: Zhen Hao, Zaheerah
- +SG POC: Angeline, Zaheerah
- In progress: Open thread atm, need to find out HP's areas of interests

EWB Asia (Msia, HK, PH, Nepal)

- +POC: Sanjiv, Sam, Emman, Sojan
- +SG POC: Angeline
- +Shared knowledge
- +Building volunteer community
- +Yearly events w host country
- Next event: 7 January 2023 webinar

EWB-Houston

- +Contact: Terry, Aggie, John
- +SG POC: Joseph, Angeline
- +Continue to work together for Tapul Bridge project
- +Terry has shared information with us on well building for Nepal project

EWB-Hong Kong

- +Contact: Edward, Sam
- +SG POC: Angeline, Vin
- +Strengths are in holding conferences/webinars
- +Similar issues with EWB-SG

EWB-Nepal

- Contact: Kapil
- +SG POC: Angeline
- Areas of interest:
 - Drone training
 - 3D printing
 - Business Incubation
 - Education (Digital infrastructure for comm schools)
 - Wastewater treatment
 - Internet access to rural communities

Current Gaps in EWB (Singapore)'s growth

VOLUNTEER ENGAGEMENT

- We are heavily volunteer dependent, and we need to be able to better engage them.
- Unsustainable model of volunteer engagement at the moment - touch & go; ad hoc; lack of guidance.
- Ultimate goal: To develop a sense of community & loyalty amongst the volunteers.

REBRANDING

- Previously message being communicated was unclear (What was our identity & story that people can resonate with?)
- Phase 1 of rebrand almost complete (headed by Pubs)

FUNDRAISING

- Current way of fundraising: Spam email foundations / organise adhoc fundraising events
- Which is currently very resource heavy, and takes us away from focusing on our actual projects.

PROJECTS

- Current approach of sourcing projects: Whatever comes our way :P which has kind of been working thus far with our current bandwidth

What's in the pipeline for 2023?

VOLUNTEER

ENGAGEMENT

- More consistent communication about ongoing opportunities / events -> Tele chat broadcast + Events page on website + Newsletters (Nish, Hyma)
- Quarterly engagement sessions on humanitarian-related sharing sessions (Angeline)
- Provide more guidance to volunteers, communicating expectations, commitment required -> Volunteer onboarding toolkit (Nish, Angeline)
- Volunteer appreciation to make them feel valued for their time & expertise, besides just certificates -> one-to-one coffee sessions (Secce to arrange, exco member managing project to chat with them) E.g. Angeline/Vin to grab coffee w Joseph

REBRANDING

- To track volunteer signups from website (Hyma, Angeline)
- Phase 2 of rebranding and website: Finalise logo, Set up member portal, donor box set up (Angeline, Pubs)

FUNDRAISING

- Quarterly fundraising events (more scalable) - dual purpose (for networking as well) eg pizza nights, bowling nights (Anyone interested?)
- Track donor base and their areas of interest (Ameen to lead, Faris, Hyma)
- Develop impact assessment framework to better communicate impact to donors (Angeline & Ameen)
- To explore getting funding from AVPN (Angeline & Ameen)

PROJECTS

- Consistent projects (also helps with volunteer engagement) - eg quarterly 2h mapping events (for volunteers to come by) - Mapathon (Angeline)
- Sharing of information on website (to be seen as solutions provider, consolidate from LI broadcast chat) (Sana ?/ Angeline)
- Potential project w CLEAN Intl - leak detection; low flow taps; auto faucets (Angeline)
- Design thinking -> Robotics workshops for underprivileged kids? - do we have bandwidth now? (Ameen)

Note: I have assigned people to lead these initiatives depending on what I believe they were interested in, please do voice now if (i) you are not interested, (ii) you do not have bandwidth to see it through

2023 Workplan (cont'd)

Priority/ Ease	Initiative	POC	Q1 '23	Q2 '23	Q3 '23	Q4 '23
High/ Low	Tele chat broadcast + Events page on website + Newsletters	Hyma, Nish, Pubs	<ul style="list-style-type: none"> • Come up with roadmap of content creation • Template of newsletters 	<ul style="list-style-type: none"> • Reach out to volunteers/members via newsletters (announcement of upcoming events) 		
High/ Med	Quarterly engagement sessions on humanitarian-related sharing sessions	Angeline, Pubs	<ul style="list-style-type: none"> • Source for consistent location • Reach out to disaster relief to teach disaster relief must knows for Q3 • End of Q1: <u>Session 1</u> Joseph (Sharing on bridge design for rural areas) 	<ul style="list-style-type: none"> • Brainstorm content for Q4 <u>Session 2</u> Angeline (Sharing on different water harvesting techniques in rural areas) 		
Med/ Med	Volunteer onboarding toolkit	Nish, Angeline	<ul style="list-style-type: none"> • Assess upcoming projects • What are the needs required 	<ul style="list-style-type: none"> • Prepare packaging for onboarding toolkit (Virtual / <u>Hardcopy?</u>) 		
Low/ High	Quarterly fundraising events (more scalable) - dual purpose (for networking as well) eg pizza nights, bowling nights	? (Angeline , Ameen)	<ul style="list-style-type: none"> • Ameen to source for cafe/hosting partners for Q1 • Plan content / competition prize for event 			
Low/ Low	Track donor base and their areas of interest	Ameen to lead, Faris, Hyma	<ul style="list-style-type: none"> • Consolidate information from Soritics database • To track communication with them (past sponsored items) 			

Priority/ Ease	Initiative	POC	Q1 '23	Q2 '23	Q3 '23	Q4 '23	
Med/ Low	Develop impact assessment framework to better communicate impact to donors	Angeline, Ameen	<ul style="list-style-type: none"> Research on current IA metrics that donors look at Update projects to reflect this 				
Low/ High	To explore getting funding from AVPN	Angeline, Ameen		<ul style="list-style-type: none"> Research more about AVPN funded projects Explore collaboration with these orgs 			
High/ Med	Set up consistent projects	Angeline	<ul style="list-style-type: none"> 2h mapping events (for volunteers to come by) Source for location / potential collaborators (HP?) 				
Med/ Med	Sharing of new developments/information on website	Sana	<ul style="list-style-type: none"> To come up with thematic content plan for Q2-Q4 E.g: WASH Solutions, Microgrid, Microfinancing Ameen to source for cafe partners for Q1 Sieve through info currently on LinkedIn broadcast chat related to theme and categorise 	<ul style="list-style-type: none"> Start publishing according to themes (can start earlier if ready) 			
High/ Low	Project Mgmt	Angeline	<ul style="list-style-type: none"> Nepal Potential project w CLEAN Intl - leak detection; low flow taps; auto faucets in rental flats Design thinking -> Robotics workshops for underprivileged kids? - do we have bandwidth now? (Ameen) 				



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Vice President (Internal) Brief

EWB(SG) 2021-2022 ACHIEVEMENTS

- Explore Nepal Water Filtration project as first Overseas Project
- Stronger strategic relationships with EWB Asia and EWB International Partner Countries for multi-country effort
- Secured key financial partnerships and broadened networks with external corporate, private and government partners
- Spearheaded successful campaign and donor support efforts for EWB Tapul Bridge Project
- Overall larger local projects involvement and education outreach with Student Chapter Initiatives
- Scaled rebranding with new internal restructuring of website and social media

STRATEGICAL FOCUS FOR 2022-2023

Higher Outreach & Retention

- Design program to connect Student Engineers with Professional Engineers for sharing and training competency
- Build database to tap on existing relevant engineers and mine the data for corporate acquisition

Expansionary Development Efforts

- Increased internal roles to increase overall bandwidth and a sense of stake in decision making
- Synergy across committees, build on frameworks for each committee objectives for greater involvement

Sustained External Partnerships

- Emphasis on exploring potential multi EWB coordinated alliance and project sharing
- Sustained acquirement of potential corporate/government partnerships for funding and value-based partnership

Targeted Project Themes

- Targeted project themes on sustainability, water, energy, green economy, healthcare and disaster relief
- Strategic Project Sourcing + social media business outreach + inhouse developmental tech solutions




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OUTGOING EXCO

 <https://ewb.sg/>

 [ewb.sg](https://www.instagram.com/ewb.sg)

 Engineers Without Borders (Singapore)



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OUTGOING EXCO Deepak - Treasurer





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OUTGOING EXCO Ashwin - Asst Treasurer





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OUTGOING EXCO Sweathha - Publicity





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BY- ELECTIONS

 <https://ewb.sg/>

 [ewb.sg](https://www.instagram.com/ewb.sg)

 [Engineers Without Borders \(Singapore\)](https://www.facebook.com/Engineers Without Borders (Singapore))

 [Engineers Without Borders \(Singapore\)](https://www.linkedin.com/company/Engineers Without Borders (Singapore))

<https://ewb.sg/>



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TREASURER

Canditrate: Deepa



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ASST TREASURER

Canditrate: Shao Yang



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NTU Liasion Canditate: Sana



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AGM'22 PUBLICITY UPDATE

 <https://ewb.sg/>

 [ewb.sg](https://www.instagram.com/ewb.sg)

 [Engineers Without Borders \(Singapore\)](https://www.facebook.com/Engineers Without Borders (Singapore))

 [Engineers Without Borders \(Singapore\)](https://www.linkedin.com/company/Engineers Without Borders (Singapore))

<https://ewb.sg/>

2022 PUBS RECAP

ASSETS

- Brand Kit for standardization and uniformity of all assets
- Pitch deck template for corporate/internal use
- Certificate template

SOCIAL MEDIA

- Kickstarted use of LinkedIn
 - '21 dec --> '22 Nov = 77 page followers, 670 page views, 248 unique visitors
- Increased activity on IG & FB
 - '21 dec --> '22 Nov = 74 new followers on IG

WEBSITE

- Launched the new sleek and extremely comprehensive website

REBRANDING

- New brand image (logotype, typography, brand colours)
- Logo is pending (TBC by end of 2022)

PUBS: WHAT'S NEXT

REBRANDING

- Officially update brand kit and all asset templates (will be done by me before I leave)
- Finalize logo

SOCIAL MEDIA

- LinkedIn
 - adapt blog articles written for website into LI articles
- Increase IG/FB content
- Tap into use of Short Reels (e.g. Nee Soon Playground Project Progress)
- Social Media Calendar
-

RUN ADS

- Plan budget for Ads
- Consider Google Ads and/or Social Media Ads
 - Meta Creative Studio to boost posts on IG & FB
 - LI Boost?
 -

NEWSLETTERS

- Work with secretary

SUBCOMM

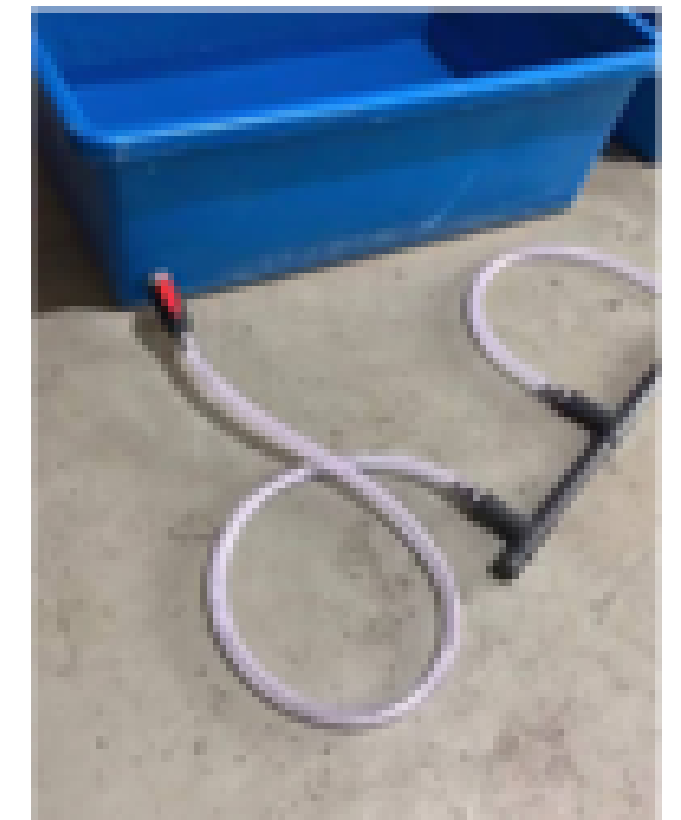
- EXCO to reach out to connections to build a pubs subcomm



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PROJECTS UPDATES

ACRES



- Converting back to larger diameter pipes
- One session this financial year
- Recruiting new batch of volunteers for follow up
- PD: Nish

TARGET

- 9 Turtles helped, 18 more to go
- Volunteer recruitment, larger scale

DESIGN THINKING WORKSHOPS

- 9th April Nee Soon Trial
- 26th June Nee Soon Final
- Redhill Garden Workshop (2023)

TARGET

- Volunteer driven initiative
- Source of income



BRIDGE PROJECT

- Design completion; modifying to a less costly alternative
- Updates on:
 - Cost
 - Schedule
 - Design
- PD: Ali/ Joseph



PROJECT SCHEDULE



FUNDRAISING PH Bridge Project

Projected Cost

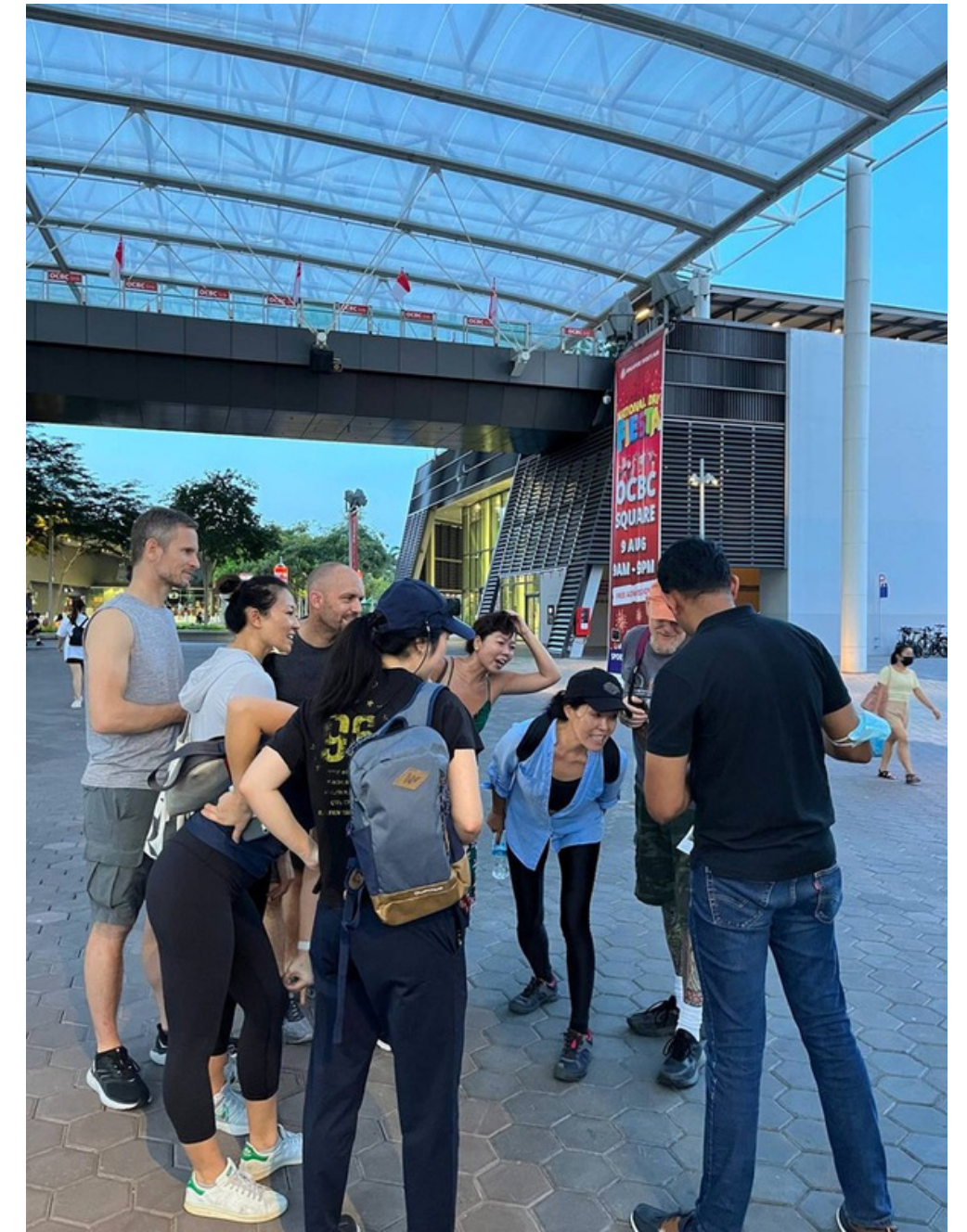
- \$201,000

Total Amount Raised

- Round 2: \$13,315

5 km Walk in the Park

- Over 30 Participants
- Amount Raised: \$1,835





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Project Update: Nepal

Presented by: Angeline



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Project Update: Nee Soon Playground

Presented by: Shao Yang

*Please refer to slide deck in AGM 2022 folder



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NTU UPDATES

 <https://ewb.sg/>

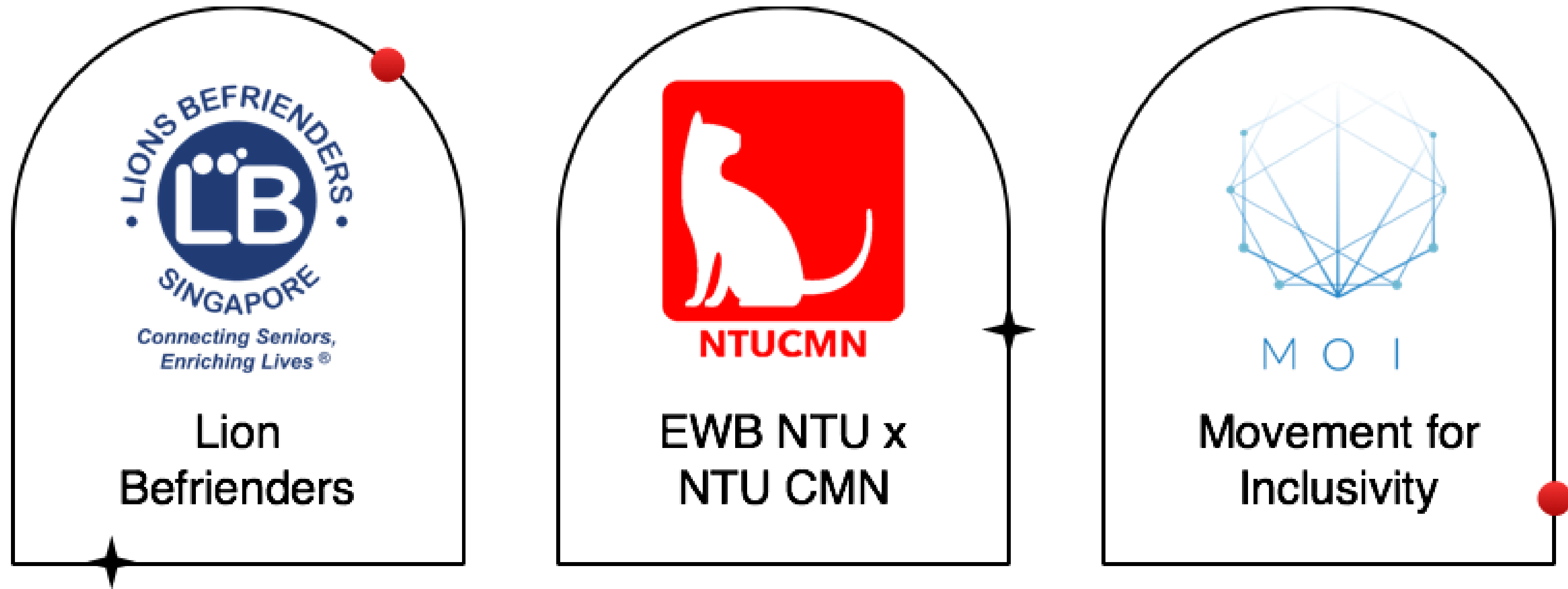
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PROJECTS FOR AY22 SEMESTER 1



LION BEFRIENDERS

Safe Elderly Homes

OBJECTIVE

Increase safety and independence in spaces that the elderly reside in through design and prototyping of devices i.e ergonomic chairs

ACTIVITIES

- Interaction with the elderly
- Prototyping
- Designing Solutions and
- Testing their efficacy
- Organising Logistics



EWB NTU

A Better Campus for Cats

OBJECTIVE

Improve well-being and living conditions of campus cats

ACTIVITIES

- Designing Solutions
- Raising awareness about how to make campus safer for cats



Movement for Inclusivity

Raising Awareness

OBJECTIVE

Advocating inclusivity for people with disabilities

ACTIVITIES

- Designing a website



OTHER EVENTS

for AY2022/2023

- Project Showcase: an opportunity for project teams to show off their great work, discuss problems with other teams, and bond with other club members
- Social Impact Week: Annual Carnival-style event in collaboration with other Clubs & Societies to raise awareness on social causes
- Green for Good Conference (Collaboration with IEEE NTU)
- OCEP in the Philippines: Aquaponics to end Malnutrition



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NUS UPDATES

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<https://ewb.sg/>

Projects Updates



Project Pathfinder

- Aims to help clients fulfill their legal needs through a streamlined and user friendly UI/UX design

Status:

- Currently working on prototype



Project Beyond The Wild

- Designing and building a small incubator to be housed in Acres's rescue van

Status:

- Designing and Prototyping completed
- Pending Building and Further testing
- Aim to continue working with Acres on other projects

Projects Updates



Project Three Dimensional

- Aims to inculcate the core competencies of engineering into youth through 3D printing innovation workshops
- Targeted to youth from disadvantaged families

Status:

- Completed 3D Modelling & Printing Workshop in June with good feedback from beneficiary
- Working on second cycle: Project Drone Zone



Project V(iolet)-R

- Harnessing VR technology to provide an avenue for students to feel safe when seeking mental health related help

Status:

- Working on securing space for the station
- Software development in progress



Project Aqua Hero (with TOUCH @ Clementi).

- Help the centre reduce water usage via installing Water Economisation Fixtures (WEF)
- Promoting water conservation amongst children through innovative and interactive engineering solutions

Status:

- Completed World Water Day Program for students
- Working on installing LED indicators to better visualize water usage levels

Direction for Liaison Directors in 2023

Key focus

1. To build and foster a relationship between the current student chapters such that students can learn from each other while making the student chapters more connected.
2. To make student chapters feel more connected to professional chapter as well to foster retention and get future members.

Future Plans for 2023

- Starting a Project Showcase for both chapters to share their projects
- EWB Asia Forum
- Possible OCIP
- Including student chapters more in professional chapter activities (workshops, shadowing etc.)
- Explore how we can include other 2 Unis into our liaison structure



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2022 FINANCIAL REPORT



Opening Balance:
\$1,557.84

Closing Balance:
\$1,024.60



Notable Transactions: PH Bridge Fundraising (2022)

INCOME:	DATE:	RECEIPT NO:	REMARKS:	\$
Bridge Project Donation	1 June 2022	1	TAY BOON KIAT	20.00
Bridge Project Donation	1 June 2022	2	CHUNG SU YI ZENG	50.00
Bridge Project Donation	1 June 2022	3	LIEW WAN WEN, BRENDA	50.00
Bridge Project Donation	7 June 2022	4	PAKHOMOV ALEXEY	100.00
Bridge Project Donation	10 June 2022	5	ROBERT OOI	200.00
Bridge Project Donation	10 June 2022	6	DESLAND TOH	50.00
Bridge Project Donation	12 June 2022	7	CHUA WEN LI	50.00
Bridge Project Donation	12 June 2022	8	RACHEL ANG SWEE PENG	100.00
Bridge Project Donation	13 June 2022	9	RAYMOND LOO TEOW KOO	1,000.00
Bridge Project Donation	17 June 2022	10	Cheque Deposit - DBS 0306076	5,000.00
Bridge Project Donation	21 June 2022	11	R. SACTIRAM NAIDU	20.00
Bridge Project Donation	3 July 2022	12	TAN ENG CHWEE	10.00
Bridge Project Donation	8 July 2022	13	ANGELINE TAN	50.00
Bridge Project Donation	12 July 2022	14	POH SIA CONSTRUCTION	3,000.00
Bridge Project Donation	23 July 2022	15	CHOO WEE KHIANG	200.00
Bridge Project Donation	23 July 2022	16	TAN HAO WEN	50.00
Bridge Project Donation	23 July 2022	17	DEEPA SYAAMA ARUL	5.00
Bridge Project Donation	23 July 2022	18	REENA CHANDINI RAMES	20.00
Bridge Project Donation	23 July 2022	19	JASVEENA GAYA RAMESH	10.00
Bridge Project Donation	23 July 2022	20	CHIN MING NI	5.00
Bridge Project Donation	23 July 2022	21	FU YING QI, NICOLE	50.00
Bridge Project Donation	23 July 2022	22	THIRI HTUN WAI	20.00
Bridge Project Donation	23 July 2022	23	ANG LEE SHENG	10.00
Bridge Project Donation	23 July 2022	24	THIN SU SIN SIN	5.00
Bridge Project Donation	23 July 2022	25	ELLIS YEE LISI	10.00
Bridge Project Donation	23 July 2022	26	TANG YEE TO	100.00
Bridge Project Donation	23 July 2022	27	MIRIAM YEO SZE EN	20.00
Bridge Project Donation	23 July 2022	28	LEE HUI JUN	20.00
Bridge Project Donation	24 July 2022	29	JUSTIN NG THIAN HUAT	10.00
Bridge Project Donation	24 July 2022	30	DIMITROVA ALICIA JEE	200.00
Bridge Project Donation	25 July 2022	31	INDRAYOGAN YOGARAJAH	1,000.00
Bridge Project Donation	25 July 2022	32	LEE LI CHERN CLAUDIA	100.00
Bridge Project Donation	25 July 2022	33	HERBERT ELIGION	100.00
Bridge Project Donation	27 July 2022	34	TEH WEI MENG	500.00
Bridge Project Donation	29 July 2022	35	ARBERT SURYA PUTRA	30.00
Bridge Project Donation	29 July 2022	36	NAGARAJAN SUBASHINI	20.00
Bridge Project Donation	29 July 2022	37	AURELLADO PABLO JR G	30.00
Bridge Project Donation	29 July 2022	38	MARIA AMANDA MAYASAR	50.00
Bridge Project Donation	29 July 2022	39	KARINA NATALI	50.00
Donation for Audit	14 August 2022	EWB-F22007-DR	VERNICE TAY	50.00
Donation for Audit	16 August 2022	EWB-F22008-DR	MATIRA MEL	50.00
Donation for Audit	30 August 2022	EWB-F22009-DR	PETER SIM	100.00
Bridge Project Donation	7 September 2022	40	MILLENNIUM FORMWORK & SCAFFOLDING	1,000.00
TOTAL INCOME:				13,515.00
EXPENDITURE:	DATE:	RECEIPT NO:	REMARKS:	\$
Audit Fees	16 August 2022	22008	Fiducia LLP	- 963.00
TOTAL EXPENDITURE				- 963.00
NET INCOME:				12,552.00

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THANK YOU FOR A GREAT 2022!



secretary@ewb.sg



<https://ewb.sg/>



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