

NEWSLETTER

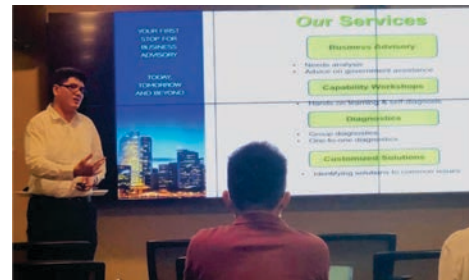
NEWS AND EVENTS

16 MAR

CAPACITY BUILDING AND SUPPORT FOR BUSINESSES

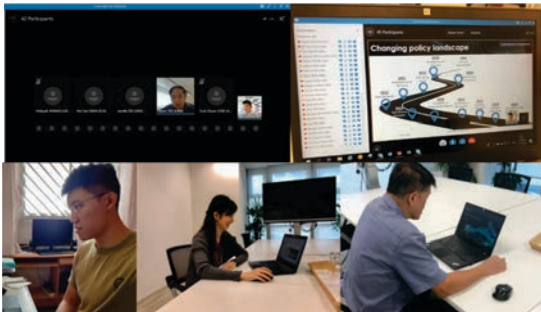
On 16 March, SME Centre@SICCI shared with the GeoTechs on the various support schemes for SMEs and Startups. GeoTechs gained a deeper understanding of the criteria and benefits of the various schemes to grow their businesses.

After the sharing, the Business Advisors from SME Centre also conducted 1-to-1 business clinic to provide individual assistance to GeoTechs based on their business needs.



25 MAR

GEOWORKS' VIRTUAL LEARNING JOURNEY FOR URA



On 25 March, colleagues from URA skyped into a common chat room to learn about SLA's efforts in driving Singapore's geospatial development such as the Singapore's National Spatial Data Infrastructure (NSDI) and how SLA has been driving Geospatial capacity development beyond Singapore's shores.

The officers also got the opportunity to hear from our GeoTech, **GeoSpock**, on how their unique indexing engine helps to organise big data to provide geospatial analytics for Smart Cities.

26 MAR

IP AND LICENSING IN GEOSPATIAL INDUSTRY WEBINAR

The intellectual property landscape for GeoSpatial innovations can be complex and contain hidden pitfalls.

On 26 March, the Licensing Executives Society (LES)* gave greater insights on how our GeoTechs can successfully use IP rights to protect their turfs, and attract partners and investors.

**The Licensing Executives Society (Singapore) is a non-profit organisation for professionals engaged in the business of technology transfer, intellectual property, internal asset management and licensing.*



Chiew Yu Sarn
(Founding partner and Head
of the Corporate and Commercial
Department of Yusarn Audrey.)



5 MAY

ONLINE CORPORATE SERVICES FOR ENTREPRENEURS & SMES WEBINAR

On 5 May, Sleek* an online corporate platform shared how startups and SMEs can streamline their compliance and reduce paper-based company admin. Addressing questions on company incorporation in Singapore and managing business entities, it was an informative webinar for the new GeoTech start-ups.

**Sleek is an online platform that manages the regulatory, tax and accounting requirements for companies in Singapore and Hong Kong.*



Dallas Wong
(Account Executive @ Sleek)



14 MAY

SECURING THE VALUE OF YOUR INTELLECTUAL PROPERTY WEBINAR

On 14 May, Biro Oktroi Roosseno* guided participants through an introduction of Intellectual Property and how they can manage and protect their branding and inventions.

Navigating between how geospatial data can be managed and licensed, it was an insightful session for all participants who have attended.

**Biro Oktroi Roosseno is an Indonesian Intellectual Property Firm, specialising in handling Intellectual Property related affairs.*



BIRO OKTROI ROOSSENO
Anno 1951



Prathashini Rague
(Registered Singapore Trademark Agent)



Ron Atuyong
(Registered Singapore Patent Attorney)

BUSINESS ADVISORY BY SME CENTRE

SME Centre @ ASME works closely with the various government agencies to inform and assist SMEs with regards to the existing government schemes and also provides a robust range of assistance and services. If GeoTechs would like to have one-to-one business advisory sessions, please email enquiries@smecentreasme.sg and geoworks@sla.gov.sg to set up a session with their business advisors.

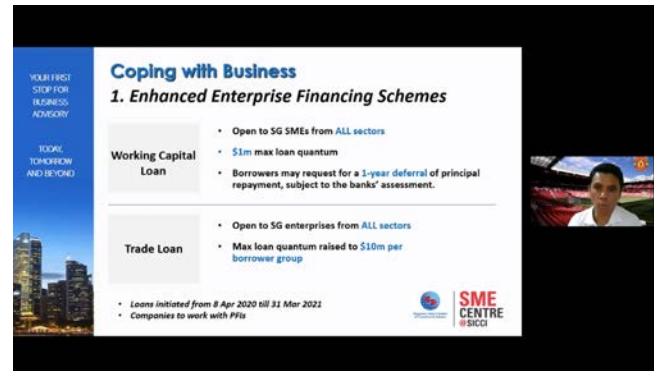


24 JUNE

CAPACITY BUILDING AND SUPPORT FOR BUSINESSES

On 24 June, Business Advisors from SME Centre shared with GeoTechs the various assistance schemes rolled out in the recent budgets as well as capacity building programmes to them to grow their businesses.

Among the many government programmes that were shared, the Business Advisors also shared their insights on the relevant COVID-19 and manpower support SMEs could tap on.



25 JUNE

SAFE & SECURE BUILDINGS & FACILITIES POST COVID-19

With the COVID-19 pandemic catching most organisations by surprise, there is a need for teams to come together and evaluate the impact of having a large mobile workforce. In this Thought Leadership session on 25 June, the community got to hear from experts on how they are leading the transformation in buildings and facilities management ecosystem to accelerate the journey, and addressing the challenges.

This Thought Leadership session was organised by AllThingsConnected* with GeoWorks as an Ecosystem Partner.

**AllThingsConnected is a Digital Transformation and IoT Strategy Organisation based in Singapore, with an active focus in Southeast Asia. AllThingsConnected works with its customers and ecosystem partners to transform their businesses, solutions sales and deployment strategy with emerging digital technologies such as the Internet of Things, 5G, Cybersecurity Artificial Intelligence, Robotics in Industrial, Manufacturing, Smart Cities, Mobility and Transportation.*

26 JUNE

COVID-19 & HOW YOU CAN STRENGTHEN YOUR IMMUNITY

In partnership with EQBenefits*, GeoWorks hosted a webinar for the community to learn more about the tips and tricks on how they can adapt lifestyle habits to help boost their immunity during COVID-19 and beyond.

Dr Lawaniah Sandran, a lifestyle Medicine Physician and Occupational Health Doctor was the key speaker and shared the importance of a whole food, vitamin rich diet in boosting one's immunity during COVID-19 period.

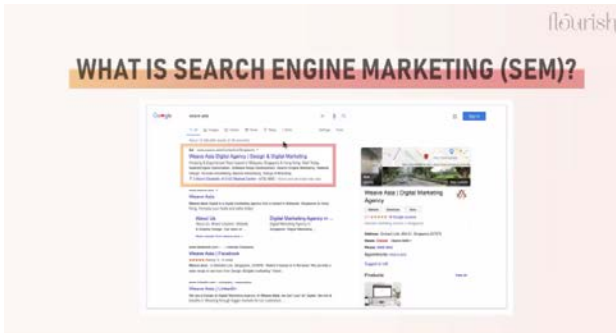
**EQ Benefits & Rewards is a health & wellness privilege card. Their members enjoy discounted rates at more than 350 medical, dental and specialist clinics in Singapore and Malaysia. In addition, members can also participate in weekly online fitness classes and get discounts at more than 70 wellness service providers in Singapore.*

EQ Benefits would like to extend a complimentary 1 year basic health plan for our GeoCommunity who have registered for the webinar.



30 JUNE

INTRODUCTION TO SEARCH ENGINE OPTIMISATION (SEO) FOR SMES



Speaker:
Tan Wan Ting
(Founder of Weave Asia Pte Ltd)

Given the current COVID-19 situation, the need to reach out to customers actively through online is more important than ever. On 30 June, Weave Asia* conducted a 2-hour workshop for GeoTechs to maximise their visibility online by improving their website search results and SEO rankings with well-targeted traffic with new digital marketing strategies.

In the workshop, GeoTechs learnt more about planning their website through site links, titles & descriptions, as well as many other content creation strategies.

**Weave Asia is a Design & Digital Marketing Agency with presence in Singapore, Malaysia and in Hong Kong.*

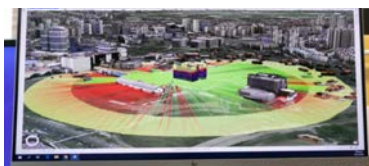
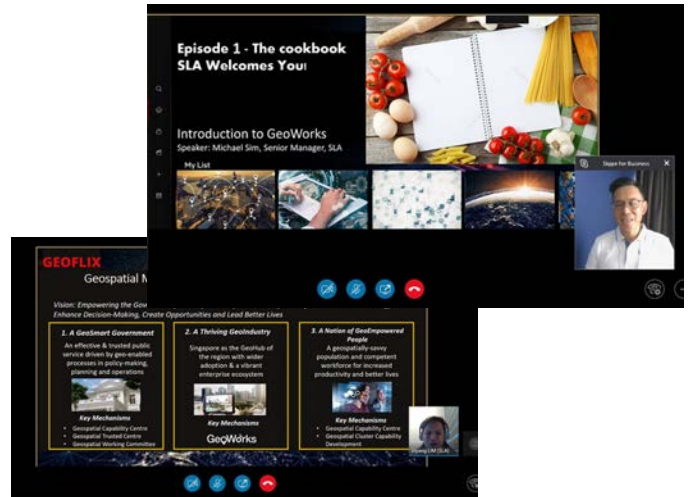
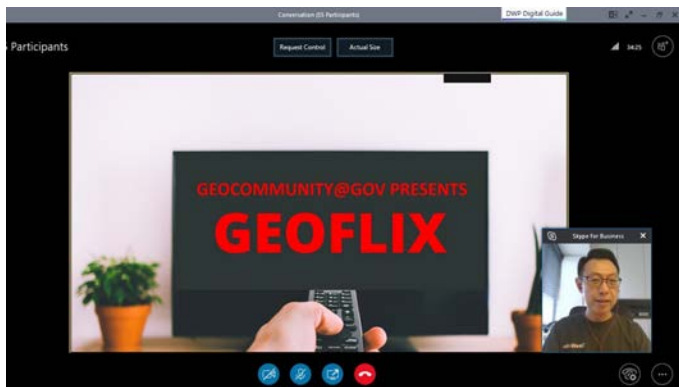
3 & 10 JULY

GEOCOMMUNITY@GOV



WHAT IS GEOCOMMUNITY@GOV?

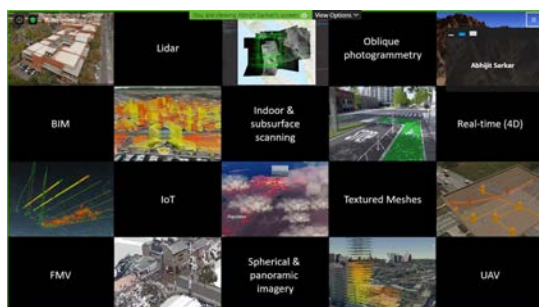
GeoCommunity@Gov is a community of geospatial interests within Government agencies that aims to promote awareness of geospatial data and technology. GeoCommunity@Gov focuses on the three broad areas of content: Data, Technology and Industry. In the first session, public officers learnt about the background of Singapore's Geospatial development and also got a preview of our geospatial industry centre, GeoWorks. The episode was also spiced up with a short Kahoot Game at the end. Stay tuned with us for the upcoming episodes!



7 JULY

3D SINGAPORE SANDBOX

Singapore's Smart Nation drive has spurred a growing demand for geospatial technology to be used in supporting businesses. As a GeoPartner of the GeoWorks community, Esri Singapore works with the Singapore Land Authority to drive geospatial innovation through the offering of an open and interoperable platform within the 3D Singapore Sandbox. The 3D Singapore Sandbox featured Esri's Enterprise 3D GIS platform, allowing users to understand and discover the platform's capability to easily find, use, make, and share geospatial data to a wider community.



UPCOMING EVENTS IN JULY

SEE WHAT'S BREWING!

USING USER RESEARCH TO BUILD ENTERPRISE PRODUCTS



15 JULY

Online Event

Organised by GeoPartner Grab, learn how Grab uncovers the right problems for their customers and build the right products to solve them.

From the Product Design team at Grab, speaker Sufyan Selemat has been working on both internal tools for Operations and CE teams as well as B2B tools for external customers in GrabForBusiness.

Learn more from him on how user research has been crucial in product development for enterprise software. More details on how to sign up coming soon.

16 JULY

Online Event

Learn what you need to do today to be ready to engage with investors tomorrow. Join us as we hear from a panel of Venture Capitalists on their inside perspectives and advice on how to pitch and scale your business.

Sign up today: <https://go.gov.sg/vcpanell0july>

PANEL DISCUSSION ON HOW TO RAISE VENTURE CAPITAL

PANELISTS



HUSTLE
FUND


NORTH RIDGE PARTNERS

 Datasite

28 JULY

Online Event (by invitation only)

Co-organised by Singapore Institute of Technology (SIT), this online tech talk will be a session for graduating telematics SIT students to learn geospatial career opportunities and industry trends.

SINGAPORE INSTITUTE OF TECHNOLOGY TECH TALK



GeoTechs Ent-Vision and Garuda will also be sharing more about their potential hiring opportunities with the students.

SINGAPORE GEOSPATIAL WEEK+

< 9 TO 18 SEPT 2020 >

WHAT IS SINGAPORE GEOSPATIAL WEEK+?

The 2nd Singapore Geospatial Week (launched in September 2019) is a celebration of all things geospatial. With the objective to connect the regional ASEAN public, industry, and government agencies via a series of geo-activities, this year's celebration, called Singapore Geospatial Week+, will be held virtually over 1.5 weeks.



SINGAPORE GEOSPATIAL WEEK 2020 THEME

The proposed theme for Singapore Geospatial week 2020 is **Creating a Sustainable Geo-Smart City.**

Industry Verticals



Built



Transport



Environment



Retail & Real Estate

GEOMARKETPLACE

The GeoMarketplace @ GeoWorks aims to be a platform where the industry from various geospatial verticals can showcase and network with one another. We are calling for participation in the following verticals using any of the proposed formats.



GEOWORKS OPEN HOUSE

The GeoWorks Open House is a half day event at GeoWorks comprising parallel workshops, mapathons and lightning talks. The Open House is open to the general public.

Stay tuned!

Visit www.geoworks.sg for updates or contact us at geoworks@sla.gov.sg.

3D SINGAPORE SANDBOX



The 3D Singapore Sandbox @ GeoWorks is a first-of-its-kind collaborative environment for industry partners and developers that aims to encourage the use of 3D geospatial data to develop and test new applications and services that can benefit both the public and private sectors.

The Sandbox will include 3D geospatial data such as 3D building models from SLA and private sector data from global data analytics providers such as LOTaDATA, a GeoWorks GeoTech. On top of gaining access to these datasets, SLA will provide users with access to various geospatial tools from industry partners such as Autodesk, Bentley, ESRI and Hexagon. Access to the OneMap3D platform is also available.



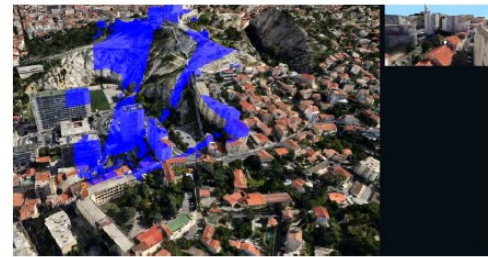


Hexagon's Geospatial division creates solutions that deliver a 5D smart digital reality with insight into what was, what is, what could be, what should be, and ultimately, what will be. Our core strategy is to help nations, cities, and sites embrace a smart digital reality.

The Luciad portfolio from Hexagon delivers geospatial software solutions that power the world's mission critical operations. From safeguarding critical assets to creating the digital infrastructure for smart cities, it helps the users to implement intuitive command and control systems. The Portfolio supports cities and organisations with managing massive amounts of data. The platform pulls together a wide network of data, from both human movement and technical sensors – which constantly informs city leaders of what's going on in their communities.

Visualisation

Luciad Portfolio provides high performance visualization that allows organisations to implement scalable solutions. View the 3D building models and other data provided in multiple representation in a unified environment. Determine property valuation through use of tools like line of sight, first person view of your properties, amenities buffering and streamline field visits using analytics provided in Luciad. Understand planning restriction and consequences by incorporating building model into the 3D environment to visualise the impact.



Line of sight studies from the Building unit



Line of sight studies from the street.

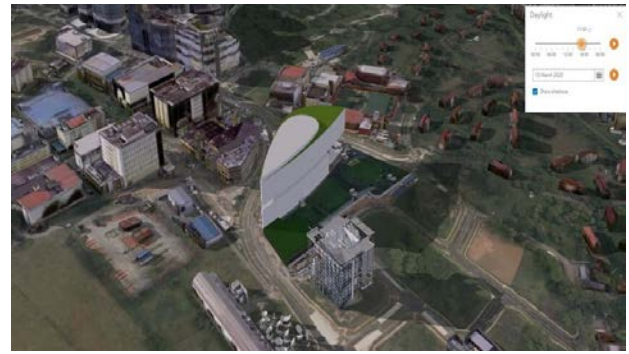


Featuring Esri's Enterprise 3D GIS platform, the technology was designed to give users the capability to easily discover, use, make, and share geospatial data to a wider community.

Having this capability means that we can now accurately depict, visualise, and assess the best possible designs and options for our communities – whether it's in your very own neighbourhood or an upcoming business park.

Construction

Integrate Building Information Model (BIM) data to create a realistic picture of the progress of the construction site. By leveraging drone-captured imagery and overlaying on your existing construction plan, deviations to plan can be timely managed, cost can be controlled and avoid project delays. Furthermore, a developer can easily monitor the progress using this a dynamic dashboard.



With this platform, decision-makers can manage a digital-twin of their property portfolio in one place. They can visualise and analyse properties by looking at lease expiry, contract value, unit availability to predict future contract potential.

LTA-SBS-SMRT SMART MOBILITY CHALLENGE



Hear directly from the challenge owners at the Online Info Session on Tuesday, 7 July:
<https://bit.ly/smc2020-p> for more information.

Apply now! Submissions close Tuesday, 11 August. Learn more here:
<https://sgmobilitychallenge.com/>

The Singapore Mobility Challenge 2020 - jointly organised by the Land Transport Authority (LTA), SBS, SMRT and co-organised by Enterprise Singapore - seeks tech solutions that can enhance our public transport system by creating a better, safer, more inclusive everyday experience for commuters, and by supporting the workers who keep our public transport system running.

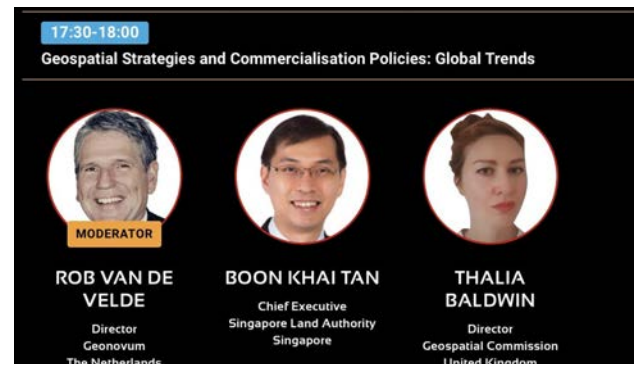
Selected startups will get to execute proofs of concept during the incubation period with the challenge owners. Finalists will also stand a chance to win from a cash prize pool of \$30,000 and receive an Startup SG grant that matches their cash prize. AWS Activate Credits and SGTech Startup memberships are also in store!

As one of the community partners, GeoWorks/SLA is providing SLA's OneMap APIs (such as base maps, address search, routing and reverse geocoding) for the challenge! Visit <https://docs.onemap.sg> for more information.

ALSO, DON'T FORGET TO CHECK OUT GEOWORKS' BLOG!

- In a GeoSmart India panel discussion on 18 June 2020, SLA's Chief Executive, Mr Tan Boon Khai said that COVID-19 has highlighted the importance of geospatial information and technology in managing pandemic response. He further elaborated on Singapore's use case and geospatial strategy – in that, Singapore focuses beyond data, but also looks at fostering the entire geospatial ecosystem, and hence the importance of collaboration across the industry, government and people sectors.

Visit <https://geoworks.sg/2020/06/25/ce-panel-discussion-geospatial-and-earth-observation-industrial-development-policy-for-india-virtual-summit/> for more details.



CE PANEL DISCUSSION: GEOSPATIAL AND EARTH OBSERVATION INDUSTRIAL DEVELOPMENT POLICY FOR INDIA – VIRTUAL SUMMIT

KEEPING UP WITH COVID-19

Given the current COVID-19 situation, how are you been keeping up?

We have never been busier and are trying our best to keep up.

We are also trying our best to make sure our teams stay safe and healthy while working remotely.

In response to the COVID-19 situation, tell us how your organisation is enabling/providing solutions to assist businesses/government bodies?

Near the end of March, we launched the Data for Humanity initiative, pledging to the best of our ability and our limited resources to offer the CityDash.ai platform to support government agencies, non-profits, researchers, and academic institutions. We still believe and stand by what we consider our civic duty, and some of the data is made public at

https://citydash.ai/data_for_humanity/public_health

Over the past two months, we've had an influx of enquiries and have also been busy working with various government agencies in SE Asia, Europe and the U.S. on helping to analyse people movement at various levels, E.g

- Macro (or national) analysis of people movement across states/ provinces
- Meso analysis across major cities/ districts
- Micro analysis within neighborhoods/ specific zones



What is one thing that you miss the most during the Circuit Breaker period?

Some of the best meetings are still face to face, where we demo our platform and from the positive reaction you get when you see the faces in the room light up!

Amidst the COVID-19 pandemic, what is one silver lining that have emerged from your experience?

From the many meetings that we've had, many people do genuinely care for others - and many individuals/ institutions/ companies, even universities are contributing in different ways back to their respective governments to combat the pandemic.

MOGUL.SG PARTNERS WITH ORANGETEE & TIE IN VISION TO INTEGRATE NEW FORMAT OF PROPERTY SEARCH FOR MARKET



Proptech company - MOGUL.sg has just announced that they have signed an agreement with OrangeTee & Tie (OTT), one of Singapore's leading Property Agency with well over 4,300 agents. The announcement comes relatively timely during this circuit breaker period for the market where many property agents and buyers are homebound, showing that benefits of property technology are applicable especially in times of crisis. This integration will allow OTT agents to utilise MOGUL.sg's proprietary keyword search, A.I matching and geospatial data in their Agent App.

Powered by Singapore Land Authority's (SLA) 'OneMap', MOGUL.sg is one of the geospatial technology start-ups housed at SLA's industry centre- GeoWorks and has seen exponential development over the last year. MOGUL.sg platform's proprietary keyword matching algorithm and data technology is achieved by translating verified geospatial data from OneMap, satellite imagery and MOGUL.sg's 70 million geodata points.

Users will also be able to access OTT's list of agents and their professional reviews on it. With the OTT Agent App already considered a 'Super App' with its current medley of features, this product integration will enhance OTT's Agent App to be the only agent app in the market with geospatial capability in the industry. This partnership is a primer of what's to come in the exciting future with regards to property technology and will be made available to come end of June 2020. Agent App is exclusively available to all OTT Agents on Apple App Store and Google Play store.

Please refer to <https://markets.businessinsider.com/news/stocks/mogul-sg-partners-with-orangetee-tie-in-vision-to-integrate-new-format-of-property-search-for-market-1029274628> for more details of the article.

ABOUT MOGUL.SG

MOGUL.sg is a cutting-edge Real Estate platform harnessing geospatial technology to digitally enable home buyers, home renters, property sellers and Property agents in Singapore to search and sell in a smart and hassle-free manner through geospatial data from Government agencies. Although MOGUL.sg has previously signed up other leading property agencies, Knight Frank, Century 21, SLP, however, OrangeTee & Tie is by far the largest partnership to date. The integration of the products will be available by end of June 2020. For more information, visit: www.mogul.sg.

THANK YOU FOR YOUR SUPPORT!

Contributors - Seah Hui San, Lim Si Min, Goh Chia Chia,
Nadia Ravi, Vanessa Ching

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