

BtrLyf secures funding support under the Advanced Digital Solutions scheme by IMDA Singapore

Customers to get up to 80% rebate on using BtrLyf digital assessment tools for green buildings



Digital Built Environment Ecosystem

IMDA / SMEs Go Digital / Advanced Digital Solutions

Advanced Digital Solutions



Sustainability



Singapore, Singapore Jan 6, 2022 ([Issuewire.com](https://www.issuewire.com)) - The BtrLyf- Digital Built Environment Ecosystem by Qi Square is now supported and is a pre-approved solution under the Advanced Digital Solutions (ADS) funding provided by the Infocomm Media Development Authority (IMDA), Singapore. Announced as part of the Resilience Budget 2020 by Singapore's Deputy Prime Minister (DPM) and Minister for Finance Heng Swee Keat, the ADS grant funding is to help enterprises deepen their digital capabilities, strengthen business continuity measures, and build longer-term resilience. See more information about [ADS on IMDA's website](#) and refer to the 'Sustainability' project category for information on the BtrLyf digital package.

The BtrLyf platform was created to enable sustainable co-creation and digital collaboration on existing

building performance improvement. Through years of research, Qi Square has developed its technology that helps us to assess holistic building performance at a fraction of the cost and time that is usually required to do energy and carbon analysis, technology fit analysis, and financial due diligence of green projects. All this is offered on a convenient cloud-based platform that connects stakeholders and offers them value-adding apps such as the Enhanced Digital Green Assessor (EDGAR), Green Auto Certification (GRACE), and digital Product Inclusion in Assessment (PRIA).

As part of the ADS funding support, qualifying customers who buy a subscription to the Enhanced Digital Green Assessor (EDGAR) cloud app of BtrLyf, will get up to 80% rebate on the first year subscription costs. This means that customers only need to pay 20% of the first year subscription costs and the remaining will be supported by ADS funding. BtrLyf-EDGAR is best suited for building owners, facility managers, consultants, and Energy Saving Companies (ESCOs) seeking quick access to building data and instant assessment on-cloud for their green building projects. Please refer to the BtrLyf website to know more about the [BtrLyf-EDGAR cloud app](#).

What's more, as part of the BtrLyf digital package-B, the same subsidy as above will also be extended to use the world-renowned IESVE tool for accurate whole building performance simulation. Used by sustainable design experts around the globe, the Virtual Environment (VE) is an in-depth suite of integrated analysis tools for the design and retrofit of buildings. This is great news for consultants and experts who need advanced tools for detailed simulations of existing & new green building projects for certifications and regulatory submissions. A one-year license of the IESVE simulation suite will also be made available now at an 80% rebate under the BtrLyf Advanced Digital Solution package. Please refer to the IES website for more information on the [IESVE simulation suite](#).

Asked on how this benefits the green building industry, Mr. Nilesh Jadhav, co-founder, and CEO of Qi Square Pte Ltd said the following. "Green Building design, certification and retrofit require a coordinated effort between the building owner/manager, consultants, and solution providers. A typical assessment done at the start of any green building project is highly manual and requires specialized skills and resources (e.g., certified auditors) to visit the building and collect the necessary data for assessment through a site inspection". He further added that "much of the data in the industry is not well structured and knowledge of technologies to go green is not effectively shared across all the stakeholders such as the building owner, consultants, financiers, and product suppliers".

The SG Green Plan (announced in February 2021) has renewed Singapore's plans and commitment to carbon reduction. Green buildings and clean energy adoption are prominent features of the SG Green Plan. While Singapore has an ambitious target of greening 80% of its existing building stock by 2030, the restrictions stated above can setback the achievement of such a target by making the whole process excruciatingly slow, limited, and expensive. Achieving the last 20-30% of the target is especially challenging due to the fact that late adopters are typically highly risk-averse and very sensitive to increases in project costs.

The BtrLyf EDGAR tool provides an opportunity for building industry stakeholders to exchange data and know-how virtually and at a much lower cost. It also improves the productivity of professionals involved in green building projects and helps them to effectively work remotely without the need for any physical contact. Consultants and Sustainability managers will be now able to do green building assessments instantly at a click of a few buttons instead of days and weeks of efforts to collect the data, perform calculations and make reports.

Achieving a higher level of certification in BCA's Green Mark rating system (e.g., Green Mark Platinum, or Super-low Energy (SLE) building status), at the design stage, requires a detailed analysis of design

options and careful selection and calculation of environmental impacts. The IESVE tool is a BCA-approved simulation tool for such analysis and is used by several architects and mechanical and electrical (M&E) consultants worldwide.

Overall, the BtrLyf digital packages supported under the ADS funding support will accelerate sustainability adoption in the built environment and reduce over-reliance on manual labour for green building project development. It will build digital capabilities for the industry and equip local SMEs with a cost-effective and affordable toolset. As a market accelerator of green projects, BtrLyf will create more local jobs and push the green economy further with digitalization at its core.



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