

Press Release

Ila Technologies Unveils World's Largest Diamond Greenhouse in Singapore

Announces launch of 'Cultured in Singapore' brand initiative for its origin-guaranteed diamonds



*Ila Technologies launches new brand initiative, Cultured in Singapore
Hi-res images may be downloaded from this link: <http://we.tl/jFYIH8OzO>*

Singapore, 17 March 2015 – Singapore-based [Ila Technologies](http://www.ila-tech.com), the world leader in Grown Diamond technology, today announced the launch of the world's largest diamond greenhouse, a 200,000 square foot, state-of-art facility that has successfully conceptualised and developed a revolutionary, commercially-viable diamond growing process for colourless, high quality, Type Ila diamonds.

Ila Technologies has also launched a Centre of Excellence (CoE) which is a first-of-its-kind diamond research centre that will contribute all the scientific know-how to different teams within Ila Technologies. The CoE aims to further develop existing diamond growing technologies and offer high quality Grown Diamonds for various hi-technology industries and applications, beyond the luxury sector. It will also continue research on the Microwave Chemical Vapour Deposition (MPCVD) method of growing diamonds so as to establish next-generation applications for Grown Diamonds that will have far-reaching implications in the semiconductor, healthcare and engineering sectors.

The world's largest diamond greenhouse developed by Ila Technologies, was inaugurated by Mr Tharman Shanmugaratnam, Singapore Deputy Prime Minister and Minister of Finance and was attended by representatives from the Economic Development Board (EDB) this morning.

Speaking at the opening, **Vishal Mehta, CEO, Ila Technologies** said, "We are extremely proud to have created the world's largest diamond greenhouse right here in Singapore, the innovation hub of Asia. Today, Ila Technologies is the only diamond greenhouse in the world that can grow high quality Type Ila diamonds, which are considered the purest and rarest types of diamonds."

Mr. Lim Kok Kiang, Assistant Managing Director of the Singapore Economic Development Board added, "Ila Technologies' investments in Singapore opens new opportunities for research into the use of diamonds for high tech applications, such as high-precision cutting tools, quantum computing data storage, optical imaging and radiation detection. This will enhance the competitiveness of Singapore's R&D ecosystem and manufacturing capabilities, particularly for the

Precision Engineering, Medical Instruments, Optical Equipment, Electronics and Semiconductor industries.”

CULTURED IN SINGAPORE

Additionally, to coincide with Singapore’s jubilee celebrations this year, Ila Technologies has also launched “**Cultured in Singapore**,” a new brand initiative that underlines the technological advancement in diamonds that the company has achieved in Singapore. The new “Cultured in Singapore” brand mark identifies the origin of Ila Diamonds and endorses that these diamonds were 100% cultured in Singapore, a country known for its innovation and high levels of sustainability. The brand initiative is also aimed to proudly position Singapore as a Grown Diamond resource for the world.

“Ila Grown Diamonds are the first-ever sustainable, conflict-free, origin-guaranteed, high quality diamonds that were conceptualised and cultured in Singapore. Creating a diamond resource within Singapore truly showcases what the country stands for – progressive technology, innovation and business resilience,” added Vishal Mehta.

A NEW DIAMOND CHOICE FOR CONSUMERS

Diamonds continue to see high demand throughout the world. However, the Mined Diamond supply has seen a constant decline in the past decade driven by the fact that key diamond mines have passed their peak production levels. The global Mined Diamond supply is estimated to drop to 13 million carats in 2050 from the projected 133 million carats in 2014 considering a base case scenario. This occurs in light of the rising demand from various markets such as the US, India and China which is likely to widen the demand and supply gap.

Industry reports suggest that over the next 30 years, Grown Diamonds will become a dominant player in high technology applications and very significant diamond source for the luxury world. Grown diamonds are also predicted to provide a good hedge for diversification of use in an industry that has, so far, heavily relied on a single product - gem quality diamonds.

New York-based Pure Grown Diamonds, the world’s largest retailer-distributor of Ila Grown Diamonds and part of Ila Holdings Group. **Lisa Bissell, CEO, Pure Grown Diamonds**, said, “Ila Grown Diamonds come at a time where consumers are looking for more options. In addition to being conflict-free, these diamonds come at a cost that is 30-40% less. The diamonds are identical to their mined counterparts with the only difference being their point of origin.”

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About Ila Technologies

Established in 2005, Singapore headquartered Ila Technologies Pte Ltd is the industry leader in Grown Diamond technology. Through years of cutting-edge research, the company has created commercially viable and sustainable processes to grow the purest form of colourless diamonds classified as Type Ila. Devoid of chemical impurities, Grown Diamonds by Ila Technologies has applications in the mechanical, manufacturing and aerospace industries as well as in the gems and jewellery industry. Ila Technologies is a part of Ila Holdings Group, which also owns NY-based retailer-distributor, Pure Grown Diamonds. For more information: <http://2atechnologies.com/>



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(L-R) Event emcee; Professor D S Misra, CTO, Ila Technologies; Vishal Mehta, CEO, Ila Technologies; Sonia Mehta; Mr Tharman Shanmugaratnam, Deputy Prime Minister and Minister for Finance; Mr Girija Pande, Director, Ila Technologies; Suraj Mehta



Mr Vishal Mehta, CEO of Ila Technologies explains the diamond growing process to Mr Tharman Shanmugaratnam, Deputy Prime Minister and Minister for Finance



World's largest grown diamond by IIa Technologies - 3.04 carat
A near-colorless 3.04 carat, round stone, I color, SI1 clarity, very good cut.



IIa Technologies pink grown diamonds



IIa Technologies colourless diamonds