

Press release Berlin, 11.11.2019

World innovation: Bioblinds® – View into the green for everyone and everywhere – The evolution of vertical gardening

Not just oxygen production on every house facade - but a green living environment for everyone!

“Bioblinds® - The Green Skyline Initiative” - The vision of this sustainability project will become reality in 2020. The aim is a digital toolkit for free download for modular or integrated ‘oxygen machines’. Bioblinds® are for self-construction on facades, above doors and windows with products from the hardware store and special tendril or hanging plants, like blauregen, ivy, wild wine and much more.

It is a kind of ‘Vertical Gardening 2.0’, or better ‘kinetic plant curtains’ for windows, whole houses and thus theoretically complete skylines. The tendrils should not be injured or stressed too much. This is possible thanks to a special mechanism developed by a group of amateur engineers, designers, communication and cultural consultants around the creative office Jan Engel from Berlin.

The direct effects are obvious: Each wall of a house could become green, the oxygen production could be increased accordingly, energy could be saved by cooling effects in the living area, the living comfort could be increased and urban contexts could become literally green.

Since it is intended to be a free and therefore democratic offer, the Bioblinds® team is planning a Land-Art project as bearer of the message of democratic freedom in the 30th anniversary year of the German reunification. For this purpose, the group wants to build a two-story research cube in Osterwieck, on the former inner-German border. This would generate necessary social, mechanical and design data, bringing together both humans and plants of different cultures.

Whether people find ‘kinetic vertical gardening’ interesting, however, will show a crowd-funding campaign in December 2019.

Beginning December 1st, the group will use the platform Indiegogo for collecting funds for the ‘PR activation’ of the research cube. In the best case it will be built, planted and researched in the coming spring and summer. “From October 2020, all data from the digital toolkit would be available, and by spring of 2021, theoretically, all people could plan their own ‘oxygen machines’ according to our building instructions,” says an enthusiastic Engel.

The team includes product designer Tino Seubert from London, Anne Jacobs, journalist and PR specialist, Rüdiger Engel, retired economy expert and ex-marketing club leader Harz e.V., and Judith Jacobs, actress and cultural consultant in Berlin.

Jan Engel has been working as a creative office for communication and culture since 2013. He works for companies like AUDI, Sartorius, the UN Women UK, for artists such as Esther Perbandt, Lyra Pramuk and teaches as a guest lecturer at various universities. Bioblinds® are also offered in collaboration of Jan Engel and Tino Seubert for private customers as a conceptual design product.

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