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## Micledi Microdisplays Secures €4.5M for Bringing Augmented Reality to Everyday Life

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Micledi Microdisplays is the newest spinoff of Interuniversity Microelectronics Centre (IMEC), which is an international research & development and innovation hub, active in the fields of nanoelectronics and digital technologies. This startup has recently received seed capital of €4.5 million for developing microLED displays for next-gen augmented reality (AR) glasses, and has already succeeded in fabricating displays that are 100 times brighter than commercial displays.

[MICLEDI Microdisplays](#), the latest spin-off of [imec](#), announced today that it has raised 4,5M euro seed capital from [imec.xpand](#), with participation of PMV and FIDIMEC. The funding will be used to develop microLED displays for next generation Augmented Reality (AR) glasses.

MICLEDI's vision is to enable AR for everyday personal use - smart glasses that are small, lightweight, with long battery life, and at reasonable cost. To make this happen, MICLEDI is developing the world smallest and brightest displays. The key innovation behind MICLEDI is the new integration technology for microLED on 300mm wafers developed in collaboration with imec.

MICLEDI Microdisplays was founded by Dr. Soeren Steudel and Dr. Alexander Mityashin, both researchers from imec with a deep know-how in the R&D field and display development. They are joined by Sean Lord, an experienced executive in the semiconductor industry, as CEO.

AR glasses may replace our smartphones in the future and display technology is a key enabler for such a transition. Today's display technologies cannot fulfil the specifications needed for next generation AR glasses. At MICLEDI we are tackling this challenge and have developed displays that are 100x brighter than commercial alternatives" - explains Soeren Steudel, co-founder of MICLEDI.

In order to implement the vision that future consumer AR devices will be powered by a tiny display developed in Leuven, the company has raised a 4.5M euro seed investment from

imec.xpand, PMV, and FIDIMEC.

MICLEDI's will develop its microLED technology and first prototypes on imec's 300mm pilot-line infrastructure.

Read the [original article](#) on IMEC.