

# Nanoco Group PLC

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## Nanoco forms partnership with Plessey Semiconductors to shrink pixel size of microLED displays

Nanoco Group PLC (LON:NANO) said its NanocoTechnologies unit and Plessey Semiconductors have formed a partnership to shrink the pixel size of monolithic microLED displays using Nanoco's cadmium-free quantum dot (CFQD) semiconductor nanoparticle technology.

The smallcap group said that using its existing monolithic process, Plessey will integrate the Nanoco CFQD quantum dots into selected regions of blue LED wafers to add red and green light.

**READ:** Nanoco Group completes significant milestone under supply agreement with undisclosed US customer

The firm said this shrinks the current smallest practical pixel size by 87% and will enable the production of smaller, higher-resolution, microLED displays in applications such as AR/VR devices, watches, and mobile devices while enhancing both colour rendition and energy efficiency.

Dr Brian Gally, Nanoco's Head of Product commented: "We are thrilled to be working in close collaboration with Plessey, who leads the global field in the development and production of microLED arrays.

"The combination of Plessey's blue microLEDs with Nanoco's red and green cadmium-free quantum dots gives display customers the performance they require to rapidly commercialise products."

**Price:** 12.4

**Market Cap:** £35.49 m

### 1 Year Share Price Graph



October 2018    April 2019    October 2019

### Share Information

**Code:** NANO

**Listing:** LSE

|                |             |            |
|----------------|-------------|------------|
| <b>52 week</b> | <b>High</b> | <b>Low</b> |
|                | 55.5        | 6.5        |

**Sector:** Hardware & electrical equipment

**Website:** [www.nanocogroupplc.co.uk](http://www.nanocogroupplc.co.uk)

### Company Synopsis:

*Nanoco Group partners major R&D and blue-chip industrial organisations in the development of applications incorporating semiconductor nanoparticles, "quantum dots". Nanoco Group is traded in the NEX Exchange [HERE](#).*

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