

# Midsummer picked for Italian research project to develop tandem solar cells – receives grant of EUR 2.8m

[Stockholm, Sweden, and Puglia, Italy, April 9, 2025.] Swedish thin film solar cell manufacturer **Midsummer** has been chosen by the Italian **Ministry of University and Research** to participate in a consortium with the aim to develop a new type of solar cell named “Quantum Dot CIGS/Perovskite Tandem”.

The “Quantum Dot Enhanced Lightweight Solar Cells” (QDELS) project aims to develop and validate a new production process for CIGS (Cu In Ga Se) solar cells with a tandem perovskite structure enhanced with quantum dots (QD). The ultimate objective is to develop and validate a new process to enhance the efficiency of CIGS (Cu In Ga Se) cells, surpassing conventional silicon cells in all parameters.

For this purpose, Midsummer will receive a grant of approx. EUR 2.8m from the Ministry of University and Research for work and materials used in the tests. The project will run for four years starting this autumn and the total budget is EUR 7.5m.

**Consorzio Hypatia** and the **National Research Council** are the other two parties involved in the project.

Midsummer has a subsidiary in Italy, Midsummer Italia, which owns and operates Europe’s largest facility for the production of thin film solar cells (in Bari), for which Midsummer has been awarded a total of EUR 22m in grants from mainly the Italian investment authority Invitalia. The new R&D tandem cell project is separate from the Bari factory project and grants.

Links to images and other press material: [Press – Midsummer](#).

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## About Midsummer

Midsummer is a Swedish solar energy company that develops, manufactures, and sells solar cells to construction, roofing and solar cell installation companies and also manufactures, sells and installs solar roofs directly to end customers. The company also develops and sells equipment for the production of flexible thin film solar cells to strategically selected partners and machinery for research. The solar cells are of CIGS technology (consist of copper, indium, gallium and selenide) and are thin, light, flexible, discreet and with a minimal carbon footprint compared with other solar panels.

The solar roofs are produced in Sweden using the company's own unique **DUO** system which has taken the position as the most widespread manufacturing tool for flexible CIGS solar cells in the world. The Company's shares (MIDS) are traded on Nasdaq First North Growth Market with Carnegie Investment Bank AB (publ) as Certified Adviser. For more information, please visit: [midsummer.se](https://midsummer.se)

## Attachments

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