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European metrology project NanoWires supporting the development of nanotechnologies for the renewable energy industry

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[fast thermal imaging measurement traceability nanotechnology nanowire energy harvesting devices nanowires renewable energy solar cells](#)

Abstract

The article presents the assumptions and detailed objectives of the project as well as the current state of the art and the possibilities of achieving progress in ensuring traceability in European and global industry in the field of improving the efficiency and quality of devices for energy harvesting from nanowires. The scope of cooperation between the Central Office of Measures and the Wrocław University of Technology in the field of metrology of individual nanofibers used for energy harvesting was discussed. The potential impact of the design assumptions on the environment, metrology and users were also discussed.

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