



PARTNERSHIP PROFILE FORM (PROJECT SEARCH)

Coordinator Contact Data

Organisation Name: imec

Type of organisation research center

Organisation Size

General Activity semiconductor research

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Country: Belgium

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Type of entity:

Research Center

SME

Big Company

R&D Institution

University

Other

Company Expertise

Entity experience on participation in R&D European, national or regional projects

Participation and leading of numerous European, national and regional projects of all kinds of size (IP, STREP, etc.).

Added value (of having your organisation as Project Partner)

Center of excellence of PV research recognized in Europe. industrial independence of research. World-class PV, analysis and semiconductor processing labs and clean rooms. poll of high level researchers in various domains regarding PV and semiconductors.

Topics/Areas/ R&D Programs of interest

(only the c-Si PV activity is listed)

Thin wafer processing, including PERL-type

www.uienergia.org

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28760 Tres Cantos – Madrid

$$E=UI^2$$

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High-efficiency process with industrial relevance (e.g. plating, implantation, various advanced passivation coatings)

Transfer of microelectronic industry processes to solar cell (e.g. implantation, epitaxy...)

Heterojunctions

Back-contact cells

Epitaxial cells

Thin-film crystalline cells

Advanced module activity

Solar cell modeling, characterization

Alternative sawing method

Ultra-thin wafer fabrication and handling

Nano-silicon for all-Si tandem cells

Advanced light trapping methods

Other information:

You give consent to the UII en Energia to make this information public in order of getting a better diffusion of your COMPANY PROFILE Yes No

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