

Solar TAP FROM LAB TO FAB



The benefits.

Accelerating the deployment of multi-benefit PV based on emerging printable PV technologies.

Solar TAP will:

- 1 develop innovative solutions for photovoltaic applications.
- 2 use lightweight, flexible and adaptable solar modules to functionalize existing surfaces for power generation.
- 3 enable „multi-benefit“ applications like AgriPV, BIPV and MobilityPV.
- 4 build an industry network to transfer research results along the entire value chain - from material to module.
- 5 offer new innovative cooperation models for industry with Helmholtz centers.
- 6 accelerate technology development.

The partners.



Funded by:

HELMHOLTZ

Solar TAP LEADING HELMHOLTZ EXPERTS

The management team.

Leveraging the photovoltaic research competence of the Helmholtz Society.



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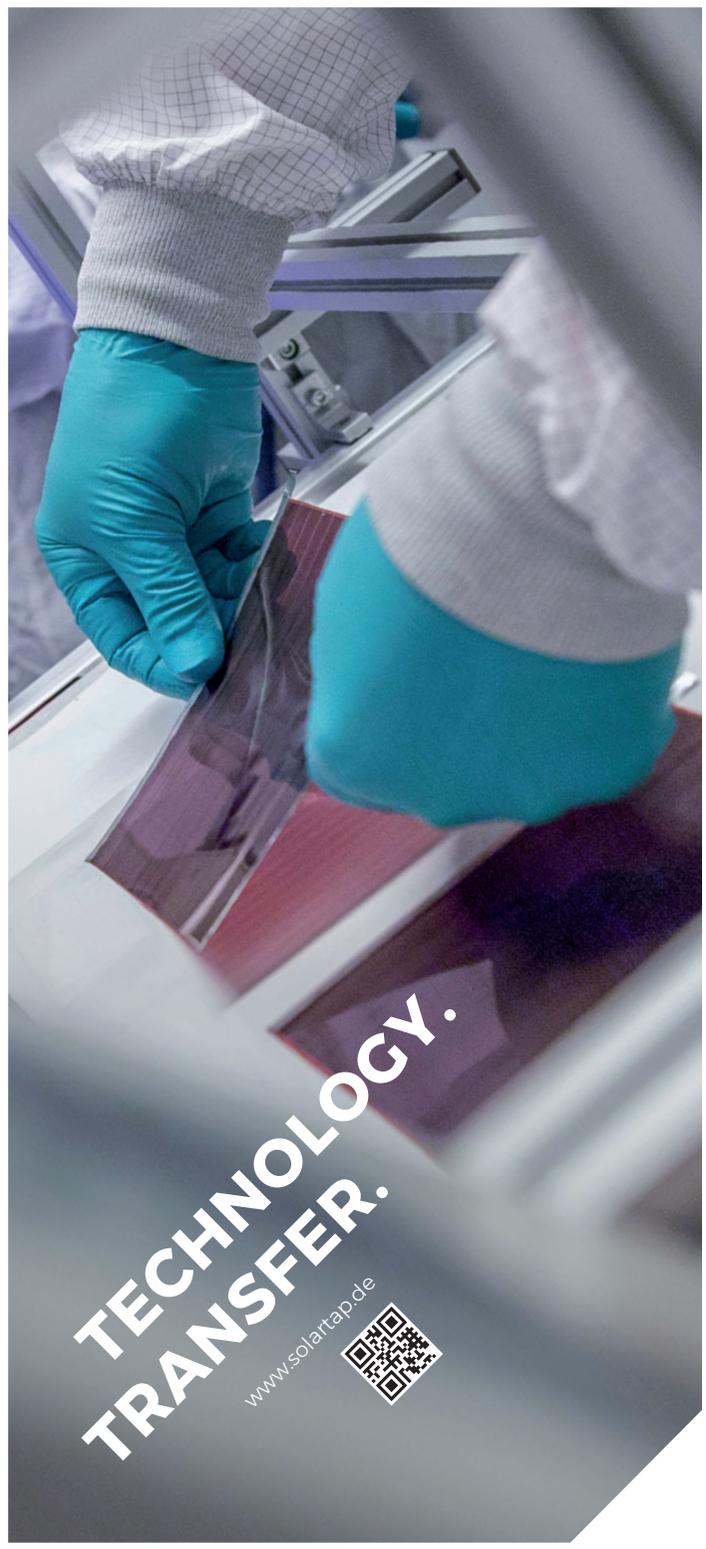


www.solartap.de

Research
for Technology Acceleration
Grand Platform for Emerging
Challenges Photovoltaics

MULTI-BENEFIT
PHOTOVOLTAICS

 **SOLARTAP**
Technology. Transfer.



**TECHNOLOGY.
TRANSFER.**

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Solar TAP PUBLIC-PRIVATE PARTNERSHIP

Industry involvement and technology transfer.

Solar TAP will create an environment to provide fast and proven solutions to industry by:

- 1 providing fast and simple access to laboratories, equipment and scientists through collaborative pre-financed projects.
- 2 aligning nine world-class research infrastructures for targeted open innovation.

- 3 transforming innovation from low to high TRL levels.

- 4 reducing risks for industry by incorporating market needs into development.

- 5 creating a technology roadmap for printed and multi-benefit PV.

- 6 harnessing the innovative energy of Helmholtz.

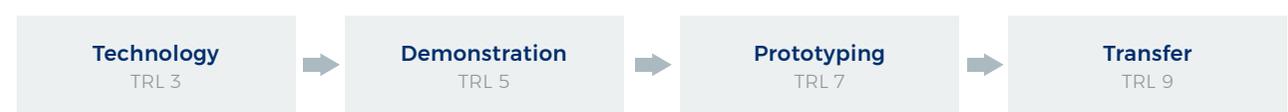
EXPERIENCE HELMHOLTZ

World leading research infrastructures.

3 Helmholtz Centers, 9 infrastructures and more than 50 scientists are part of Solar TAP.

Emerging PV technologies are:

Efficient, sustainable, flexible, transparent, lightweight, available, scalable, tailored, economic, cradle to cradle.



Materials . Cells . Processes . Analytics . Components . Equipment . Modules . Systems . Manufacturing . Characterization