

# Save the Date: EnPV Conference Attendance 2024



Source: EnBW

## Self-Aligned, Back Contact (SABC) Solar Cells using PVD polysilicon

EnPV will be debuting their latest technological development at several conferences in 2024: self-aligned back contact (SABC) solar cells. We introduce an innovative IBC solar cell process leveraging the directional deposition properties of doped polysilicon through physical vapor deposition (PVD). This method enables the self-aligned insulation of passivated contacts, effectively separating the contact polarities. The self-aligned back contact (SABC) cell incorporates n-type and p-type passivated contacts, achieved through tunnel oxide and doped n- and p-type poly-Si layers respectively, arranged in an interdigitated design on the rear side.

## Highlights of our technology:

- lower production costs
- simplified process flow
- easy upgrade from TOPCon
- increased efficiency
- proprietary technology, patent pending

IEEE PVSC 52	Seattle Convention Center	June 9 - 14
SNEC	National Exhibition and Convention Center (Shanghai)	June 13 - 15
INTERSolar Europe	ICM Munich	June 19 - 21
RE+ 24	Anaheim Convention Center	September 9 - 12
EU PVSEC	Austria Center Vienna	September 23 - 27
PV CellTech USA	San Francisco Airport Marriott Waterfront	October 8 - 9
PVSEC-35	Plaza Verde (Mt. Fuji)	November 10 - 15

Are you interested in hearing more about our technology? Our scientists will gladly meet with you at this year's events. Please reach out to us to schedule a meet-up with our Managing Director Massimo Centazzo.



EnPV - a company of  
EnBW Energie Baden-Württemberg AG

Durlacher Allee 93  
76131 Karlsruhe, Germany  
+49 151 5477 6896

[m.centazzo@enpv.de](mailto:m.centazzo@enpv.de)

[www.enpv.de](http://www.enpv.de)