

Centre for Photovoltaics and Renewable Energies (ZPV)



“Renewable energies are one of the most significant issues of this century. Adlershof’s energy cluster is making an important contribution to the transition to clean energy.”

Dear readers,

The public debate is starting to view renewable energy as one of this century’s most important tasks. The question of how to transition to a more environmentally friendly energy supply is increasingly one of survival for future generations. The Energy Cluster Adlershof is making substantial contributions to the Energiewende, Germany’s transition to clean energy. Ranging from concepts for perovskite / Si tandem cells in photovoltaics to energy-efficient hydrogen production and storage for use in homes, traffic, and decentralised energy generation – we are tackling the issues of the future.

Germany is preeminent in this research field. This success is mainly due to the close cooperation between all players participating in the value chain, which the Science and Technology Park Adlershof is achieving in a unique way. Our network of top-level research, innovative technology, and business support creates synergies that benefit companies and research institutions.

Yours,

Dr. Bernd Ludwig

Head of the Centre for Photovoltaics and Renewable Energies



8,000 sqm

Lab, office and manufacturing space



30

Companies



270

Employees

Key Areas

- Analytics
- Energy storage technology
- Grid integration
- Hydrogen production
- Improvement of fuel cells
- Thin-film photovoltaics

Research Institutions

- Leibniz-Institute for Analytical Sciences (ISAS)
- Helmholtz Zentrum Berlin für Materialien und Energie (HZB)
- Competence Centre Thin-Film- and Nanotechnology for Photovoltaics Berlin (PvcomB)
- Leibniz-Institute for Crystal Growth (IKZ)
- Federal Institute for Materials Research and Testing (BAM)
- German Society for Non-Destructive Testing (DGZfP)
- Physikalisch-Technische Bundesanstalt (PTB)

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Adlershof, Johann-Hittorf-Straße 8



Equipment

- Same-sized modules with offices, kitchenette and well-equipped physics and chemistry labs
- Laboratories with air conditioning and separate exhaust system
- Ventilated security cabinets for chemicals according to EN 14470-1
- Security cabinets for acid and lyes
- Workshops and industrial warehouse space
- Equipment rooms
- In-house canteen
- Temporary conference rooms

Key Facts

Opened in 2013, the ZPV received gold for outstanding sustainability aspects by the DGNB – German Sustainable Building Council

Location: Johann-Hittorf-Straße 8, 12489 Berlin

First used: 2013

Rentable space: 8,000 sqm

CONTACT

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