

This website uses cookies to improve the user's experience during working with our network and to provide users with dedicated services and functions. By further use you agree with that.OKDetails

---

Address	<b>Molecular Solar Limited</b> The Venture Centre Sir William Lyons Road Coventry CV4 7EZ
---------	--

---

Country	United Kingdom
---------	----------------

## PRODUCTS OR MACHINERY

The challenge to all new photovoltaic (PV) technologies is to reduce the cost of solar electricity generation to be competitive with the cost of conventionally generated electricity at the point of use. When this Grid Parity is achieved an immense non-subsidised market for PV will emerge. Organic photovoltaic (OPV) technology offers long term opportunities to meet this goal since the basic material is low cost and has no supply constraint. However, the efficiency and lifetime of current OPV systems do not meet the basic requirements for grid-connected electricity generation. The first generation of OPV technology will however be particularly well matched to lucrative, high volume consumer applications for the following reasons:

- Low material cost and sustainability.
- Non-toxic components.
- Unconstrained end-of-life disposability/recyclable.
- High power-to-weight ratio for portability.
- High-speed deposition reducing unit capital investment.
- Flexible substrate enabling compact and versatile product form.
- The potential for significant efficiency improvement through the discovery or engineering of new or tailored compounds.

### Company Profile of **Molecular Solar Limited**

A service of glasssglobal.com, an affiliate of glasssglobal group.

The address material you printed out is copyright and belongs to the Company or to its third party Marketing Agency, and all rights are reserved. Any User who accesses such material may do so only for its own personal use, and the use of such material is at the sole risk of the User. Redistribution or other commercial exploitation of such address material is expressly prohibited. Where such address material is provided by a third party, each User agrees to observe and be bound by the specific terms of use applying to such news material. Glass Global does not represent or endorse the accuracy or reliability of any of the info contained in any address or external websites referred to in this printout. www.glasssglobal.com - The International Portal to the Glass Industry - OGIS GmbH