

## ***Issues and Opportunities for Solar Heating and Cooling***

**Ken Guthrie**

*IEA Solar Heating and Cooling Programme, Australia*

### **Biography**

Ken Guthrie is the Director of Sustainable Energy Transformation Pty Ltd, a specialist consulting service that undertakes activities that aim to transform markets to support greater use of sustainable energy.

Mr Guthrie has more than 30 years' experience working in sustainable energy, energy efficiency and renewable energy. Until August 2012 he was the General Manager, Sustainable Environs at Sustainability Victoria, where he provided advice across the Victorian Government regarding market and regulatory programs to support the deployment of sustainable energy technologies.

In 2014 Ken Guthrie was elected Chair of the Executive Committee of the International Energy Agency's Solar Heating and Cooling Program (IEA SHC). The IEA SHC Executive Committee leads an international collaborative research program that utilises knowledge and expertise across 23 countries and regional organisations. The projects include a diverse research program aimed at improving technologies and market deployment of solar technologies that provide heating, cooling and daylighting for industry, agriculture, commerce and residential uses.

Mr Guthrie also leads the development of international solar energy standards as Chair of the International Standards Committee on Solar Energy (ISO TC180), and the development of Australian and New Zealand Standards on solar heating and cooling as Chair of Standards Australia's Technical Committee CS-028. In 2014 he was awarded Standards Australia's Meritorious Contribution to International Standards award in recognition of his leadership and significant contribution to International Standards development.

Mr Guthrie's current work also includes providing strategic support for innovative building energy efficiency computer software at CSIRO; and giving sessional lectures to Masters Students at the University of Melbourne and RMIT University on Solar Energy Technology and Market Transformation.