



Organic PV

Technical University of Denmark

Characterisation Laboratory for Organic Photovoltaics (CLOP)

Location of the infrastructure:	Roskilde, Denmark		
Contact person:	Suren Gevorgyan	Phone:	+45 4677 5482
		Email:	surg@dtu.dk

Objectives:	Characterisation of performance and lifetime according to ISOS protocols
Main features:	<p>Characterisation of performance and lifetime for organic solar cells according to ISOS protocols. The accessible instrumentation includes:</p> <ul style="list-style-type: none">• Standardized performance testing with a class A solar simulator• IPCE testing• 1000 h lifetime tests using thermal cycling and weathering chambers• Outdoor testing <p>Instruments are typically used in combination with solar cells processed on the "Polymer solar cell processing facility" offered as a separate TNA.</p>
Examples of research projects:	<ul style="list-style-type: none">• analysis of solar cells or materials layers by technical and scientific staff in collaboration with users• joint research activities on materials screening and degradation studies