

EXPRESSION OF INTEREST

SEMI-AUTOMATIC DEFECT DETECTION AND ANALYSIS SYSTEM **Testing Partner**

The CSIR has developed a system to perform semi-automatic inspection of Solar PV cells using advanced AI techniques.

The system is capable of detecting defects in EL images of Solar PV modules using advanced AI techniques. EL images are uploaded, processed and reports are generated to provide insights that are indicative of the quality of the Solar PV modules.

Opportunities exist for third parties with access to EL images to become test partners and analyse their panels using the CSIR's system.

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L **CLOSING DATE FOR SUBMISSIONS: 22 SEPTEMBER 2023, 16:30**



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