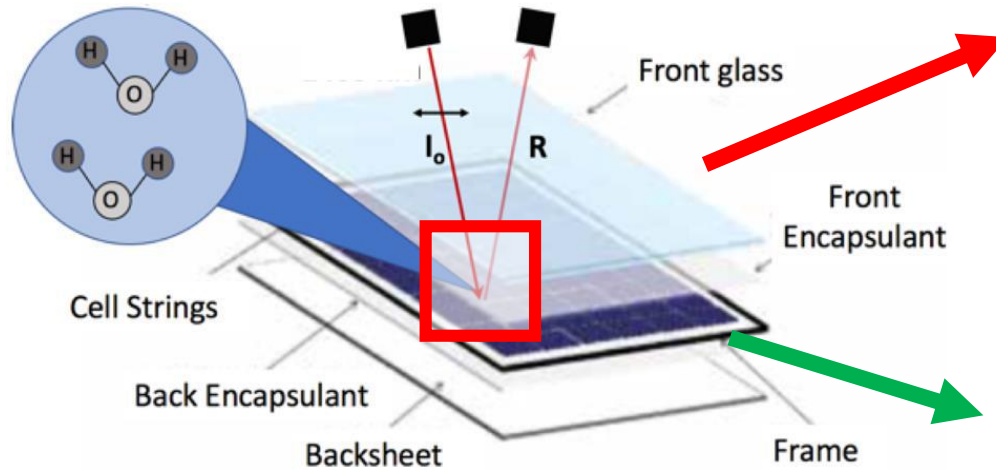
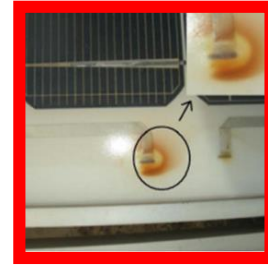


PV WaRD: Module-level durability diagnostics

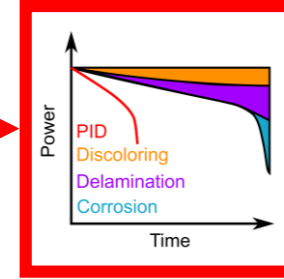
Depending on the bill of materials and quality control in manufacturing of PV modules, deterioration can occur above the expected rate and become a liability.



Corrosion, Delamination

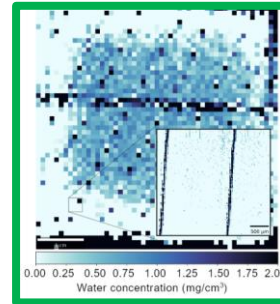


Lost Energy



Köntges, M., et al. *International Energy Agency-Photovoltaic Power Systems Programme* (2014)

Moisture Maps



Durability Metric



Database of moisture sensitivities and failure modes

Improved Materials
Process Feedback
Quality Control
Warranty Claims

PV WaRD is a **non-destructive** optical method to detect **moisture** that can be used to forecast deterioration based on the water content and quality of your modules.

Learn more @

[youtube.com/watch?v=JKrbUFW00iY](https://www.youtube.com/watch?v=JKrbUFW00iY)
solarwaveir.com