



Sunsonix™ Selected as Tallwave–Hightide Semifinalist

Sunsonix has been selected as one of the semifinalists for the first Tallwave–Hightide competition in 2013. A quote from Tallwave’s website (<http://tallwave.com/hightide/>): “High Tide is a new startup competition that leverages the Southwest’s premiere lean business Accelerator and venture management company Tallwave, in partnership with high–profile local investors and Arizona’s top corporations and entrepreneurial ecosystem partners, to develop and commercialize new ventures at a scale never before seen in Arizona”.

Sunsonix Presents...

Sunsonix had been selected to present two posters at the 27th European Photovoltaic Solar Energy Conference and Exhibition in Frankfurt, Germany on October 24, 2012.

The first poster, together with Taiwan based Motech Industries entitled “*Pre-Diffusion Clean Optimization for High-Volume Manufacturing of Multi-Crystalline Solar Cells*” shows that control and optimization of the cleaning process, enable benefits such as substantial savings with regards to water and chemical usage in volume production without compromising the PV cell properties.

The second one together with the University of Tucson, AZ, US entitled “*Investigation of Biodegradable Texturing Chemistries for Crystalline Si*” shows that our biodegradable

texturing additive SF-X™ chemistry can meet the performance of non-biodegradable additives and eliminate the use of IPA. Biodegradable additives are safe for the environment and enable the PV industry to further reduce its environmental impact.

Texturing Chemistry	R _{avg} (%) 350 – 950 nm	Δ Eff (%)	Comment
KOH / IPA	12.8%	-	Baseline Process
KOH / IPA with Sunsonix SX-E	12.8%	0.18%	Baseline Plus Metal Removal
KOH / IPA Free with Sunsonix Additive 5	10.5%	0.38%	Sunsonix SF-X™

October 24 , 2012

27th EU PVSEC, Frankfurt, Germany

Presenting: Poster 2AV.5.14: “Pre-Diffusion Clean Optimization for High-Volume Manufacturing of Multi-Crystalline Solar Cells “ and 2AV.5.15: “Investigation of Biodegradable Texturing Chemistries for Crystalline Si “

<http://www.photovoltaic-conference.com/>

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