

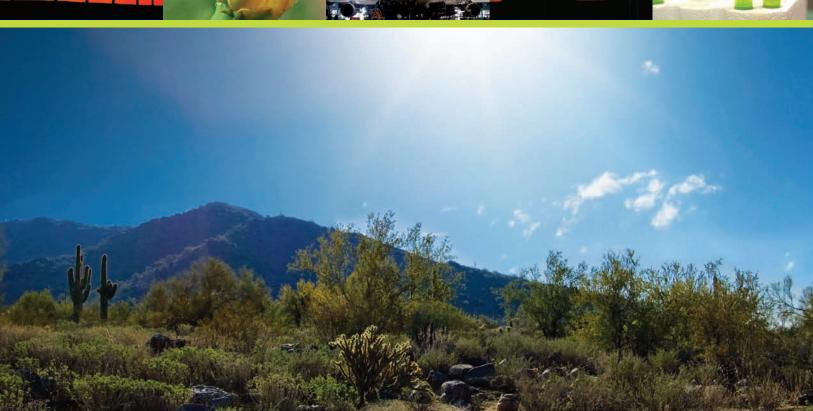
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## Renewable Energy Changing the World

## Greater Phoenix

**Taking the Charge** 





## Biofuel & Biomass Consulting & Installing Power Systems & Storage Transportation Renewable Energy Testing Laboratory Solar Manufacturer Solar Project Developer Wind Sky Harbor Intl METRO Light Rail Discovery Triangle\*\* Arizona State University and Greater Phoenix Leading Companies: Building Synergy Renewable energy is revolutionizing how we power lives. Circle sizes based on **>**\$1M **<**\$1M From converting sunlight to electricity and harnessing wind for kinetic energy, annual revenue: to developing environmentally friendly fuel from fast-growing algae, our natural resources 62 are the solution to energy independence. 6 Phoenix, the 5<sup>th</sup> largest city in the country, is home to a growing number of solar, wind, biomass and biofuel firms. Arizona State University's research initiatives are poised to URPRISE 60 deliver innovation and educate a workforce that will connect companies and take 47 technologies from imagination to the workplace. Arizona boasts more than 300 days of sunshine each year and a clear commitment to sustainability – assuring that green 60 industry will thrive in Phoenix. PEORIA 33 Companies 70 34 Abengoa Solar 38 OMCO Solar **GLENDALE** 2 Aide Solar USA 39 PerfectPower Solar Inc. 51 3 Airstream Energy 40 PetroSun 4 Albiasa Solar 41 Phyco Biosciences Inc 6 Algasol Renewables Power-One Inc 43 PowerVerde Inc 6 Alpha Energy 7 Amereco BioFuels Corp 44 R1 Solar Development LLC 8 American Solar Electric\* 45 REC Solar 65 9 Amtech Systems 46 Renegy Holdings 10 Ausra 47 Rioglass Solar 48 Saint Gobain Solar Glass Blue Energy Partners 15 BrightSource Energy 49 Schuff Steel Bye Energy\* 50 Solar Engineering Group\* (4) Carbonfree Technology 51 Solar Traffic Controls GOODYEAR 15 Centrosolar America 52 SolarCAT MESA SolarCity 6 Colexon 17 ColnaTec 54 SolarMotion Labs 18 Dependable Solar Products 55 SolFocus 56 Solterra Renewable Technologies 19 Desert Sweet Biofuel Diversified Energy Corporation 57 Southwest Solar Technologies 49 EcoAid\* 58 Standard Renewable Energy GILBERT 36 Ecotality North America 59 Stirling Energy Systems **Empire Power Systems** 60 SUMCO 24 EnviroMission (USA) 61 Sun Systems 25 First Solar 62 Sun Valley Solar Solutions 68 63 Suntech 26 Fluidic Energy 64 SunWize Technologies 27 Great Systems Inc 37 56 Green Ideas 65 Tessera Solar CHANDLER 29 Heliae Development 66 Tower Automotive 30 Heraeus Materials Technology 67 TPI Composites 31 Hydrogen Power Company 68 TÜV Rheinland Photovoltaic 202 30 Integrated Organic Energy Testing Laboratory 33 Kyocera Solar 69 ViaSol 70 Visiquest Solar 34 Linamar Solar Systems Mesquite Power, LLC 71 Wilson Electric 72 XL Renewables 36 MGI Electronics 37 NanoVoltaix

early 2011

<sup>\*</sup> Companies located at ASU SkySong, an innovation center

<sup>\*\*</sup> Discovery Triangle is a sustainable public-private economic development project

## A New Energy at ASU

Arizona Center for Algae Technology and Innovation (AzCATI)

Biodesign Institute

Center for Bioenergy & Photosynthesis

Center for Bio-Inspired Solar Fuel Production

Center for Computational Nanoscience

Center for Photonics Innovation

Center for Renewable Energy Electrochemistry

College of Technology & Innovation

Consortium for Science, Policy & Outcomes

**Decision Theater** 

**Energy Innovation Network** 

(The Kauffman Foundation)

Flexible Display Center

Global Institute of Sustainability

Laboratory for Algae Research & Biotechnology

National Center of Excellence on SMART

(Sustainable Materials & Renewable Technologies)

Power Systems Engineering Research Center (PSERC)

Solar Power Laboratory

Sustainability & Energy in the Built Environment

TUV Rheinland Photovoltaics Test Lab

W. P. Carey School's Department of Supply

Chain Management





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