

# Renewable Energy Changing the World

## Greater Phoenix

### Taking the Charge



# Renewable Energy

Arizona State University and Greater Phoenix Leading Companies: Building Synergy

## Renewable energy is revolutionizing how we power lives.

From converting sunlight to electricity and harnessing wind for kinetic energy, to developing environmentally friendly fuel from fast-growing algae, our natural resources are the solution to energy independence.

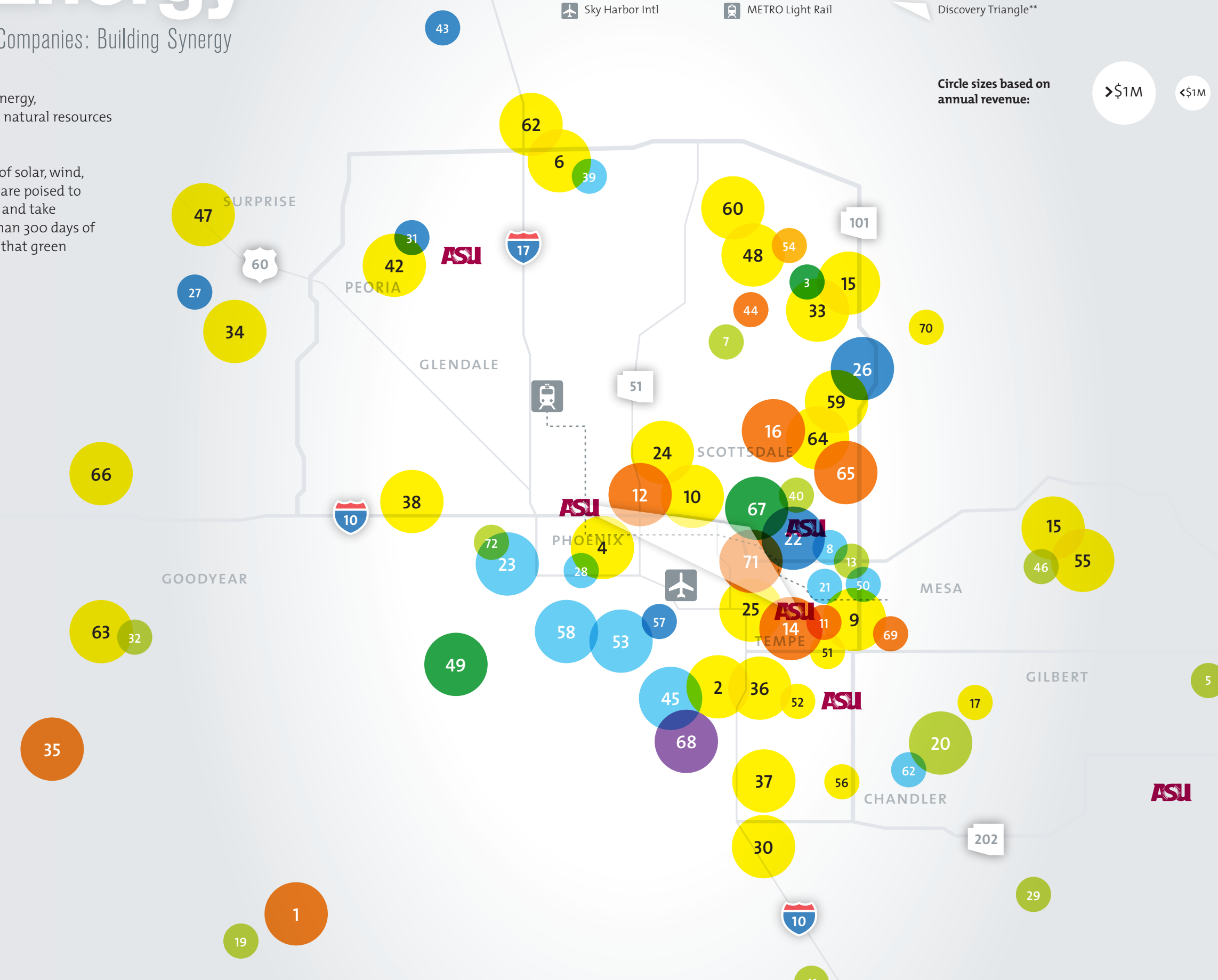
Phoenix, the 5<sup>th</sup> largest city in the country, is home to a growing number of solar, wind, biomass and biofuel firms. Arizona State University's research initiatives are poised to deliver innovation and educate a workforce that will connect companies and take technologies from imagination to the workplace. Arizona boasts more than 300 days of sunshine each year and a clear commitment to sustainability – assuring that green industry will thrive in Phoenix.

## Companies

- |                                   |  |
|-----------------------------------|--|
| 1 Abengoa Solar                   | 38 OMCO Solar                                    |
| 2 Aide Solar USA                  | 39 PerfectPower Solar Inc                        |
| 3 Airstream Energy                | 40 PetroSun                                      |
| 4 Albiasa Solar                   | 41 Phyco Biosciences Inc                         |
| 5 Algasol Renewables              | 42 Power-One Inc                                 |
| 6 Alpha Energy                    | 43 PowerVerde Inc                                |
| 7 Amerco BioFuels Corp            | 44 R1 Solar Development LLC                      |
| 8 American Solar Electric*        | 45 REC Solar                                     |
| 9 Amtech Systems                  | 46 Renegy Holdings                               |
| 10 Ausra                          | 47 Rioglass Solar                                |
| 11 Blue Energy Partners           | 48 Saint Gobain Solar Glass                      |
| 12 BrightSource Energy            | 49 Schuff Steel                                  |
| 13 Bye Energy*                    | 50 Solar Engineering Group*                      |
| 14 Carbonfree Technology          | 51 Solar Traffic Controls                        |
| 15 Centrosolar America            | 52 SolarCAT                                      |
| 16 Colaxon                        | 53 SolarCity                                     |
| 17 ColnaTec                       | 54 SolarMotion Labs                              |
| 18 Dependable Solar Products      | 55 SolFocus                                      |
| 19 Desert Sweet Biofuel           | 56 Solterra Renewable Technologies               |
| 20 Diversified Energy Corporation | 57 Southwest Solar Technologies                  |
| 21 EcoAid*                        | 58 Standard Renewable Energy                     |
| 22 Ecotality North America        | 59 Stirling Energy Systems                       |
| 23 Empire Power Systems           | 60 SUMCO   |
| 24 EnviroMission (USA)            | 61 Sun Systems                                   |
| 25 First Solar                    | 62 Sun Valley Solar Solutions                    |
| 26 Fluidic Energy                 | 63 Suntech                                       |
| 27 Great Systems Inc              | 64 SunWize Technologies                          |
| 28 Green Ideas                    | 65 Tessera Solar                                 |
| 29 Heliae Development             | 66 Tower Automotive                              |
| 30 Heraeus Materials Technology   | 67 TPI Composites                                |
| 31 Hydrogen Power Company         | 68 TÜV Rheinland Photovoltaic Testing Laboratory |
| 32 Integrated Organic Energy      | 69 ViaSol  |
| 33 Kyocera Solar                  | 70 Visiqwest Solar                               |
| 34 Linamar Solar Systems          | 71 Wilson Electric                               |
| 35 Mesquite Power, LLC            | 72 XL Renewables                                 |
| 36 MGI Electronics                |  |
| 37 NanoVoltaix                    |  |

- Biofuel & Biomass
- Consulting & Installing
- Power Systems & Storage
- Transportation
- Testing Laboratory
- Solar Manufacturer
- Solar Project Developer
- Wind
- ✈ Sky Harbor Intl
- 🚆 METRO Light Rail
- ▶ Discovery Triangle\*\*

Circle sizes based on annual revenue: >\$1M <\$1M



\* Companies located at ASU SkySong, an innovation center  
 \*\* 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)

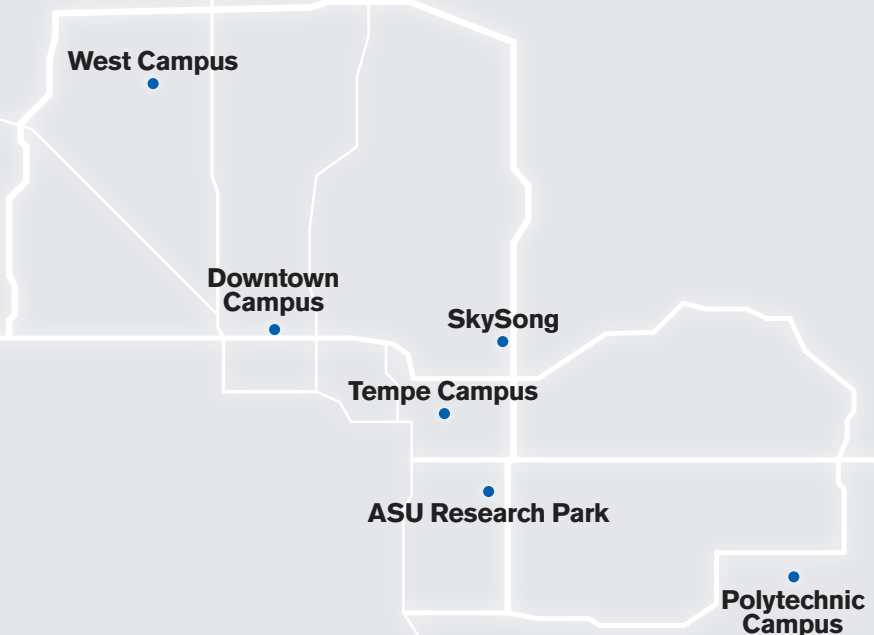
Power Systems Engineering Research Center (PSERC)

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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