

## **LIUNA's Green Skills: Building America so America Works**

*LIUNA is uniquely positioned to help build the energy systems, transportation systems and green buildings of tomorrow. With its green skills training, LIUNA is helping to transform our country's energy systems and reduce negative environmental impacts.*

***A green economy is about both a healthier world and creating good family-supporting jobs to put people back to work. LIUNA is ready.***

- LIUNA provides the best adult continuing education system in the world with training in a variety of skills, including green construction – and it's free.
- Many skills required for green construction are not new – for example, building concrete pads for wind farms or rail for mass transit. Other skills – such as identifying reusable materials on construction sites or aspects of weatherizing homes – are part of new LIUNA training programs.

***Weatherizing homes, which account for 22 percent of America's energy consumption, can free us from millions of barrels of foreign oil and create tens of thousands of jobs.***

- LIUNA trains workers in weatherization that substantially reduces a building's energy use, putting people back to work in their communities and equipping them with skills for the future.
- Every million homes weatherized supports 78,000 jobs and saves 3 million barrels of oil. The U.S. Department of Energy estimates a \$1.53 return for each \$1 invested in weatherization.

***Due to neglect, transportation systems are in urgent need. Modernizing our transportation systems will save energy, reduce carbon emissions and put men and women back to work.***

- Americans waste nearly 4 billion hours and hundreds of millions of dollars in gas a year due to decaying and over-crowded roadways and transit systems.
- Fixing our transportation systems would create more than a million jobs – for every \$1 billion invested in transportation, federal officials estimate 34,800 jobs are supported. According to the American Society of Civil Engineers, existing highways are shortchanged by \$30 billion every year and existing transit systems by \$8 billion a year.

***LIUNA members are already at work building renewable energy systems. Stepping up construction of wind and solar power, and modernizing our electrical grid, would dramatically reduce carbon emissions and put hundreds of thousands of Americans back to work.***

- Building wind power is not new to LIUNA. Since 2003, LIUNA has been working with contractors in 17 states to help build wind farms. In addition, LIUNA members are prepared to build solar farms and help modernize our inefficient and outdated electrical grid.
- For every \$1 billion invested in these green projects, 20,000 jobs are created, according to the Center for American Progress.