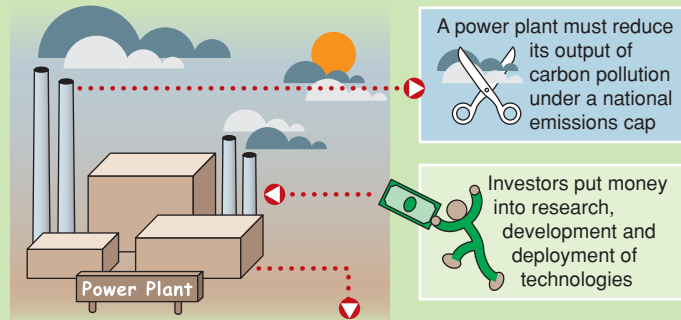


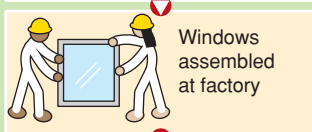
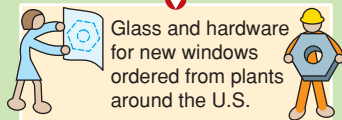
HOW THE AMERICAN CLEAN ENERGY AND SECURITY ACT (HR 2454) CREATES JOBS

Legislation now in the U.S. House of Representatives makes the case that economic recovery, job creation and addressing global warming are linked. Here's how it works:

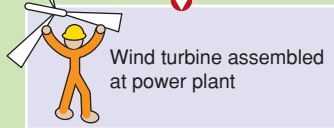
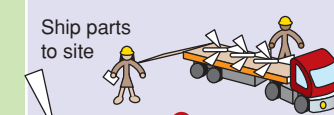


Some Potential Solutions

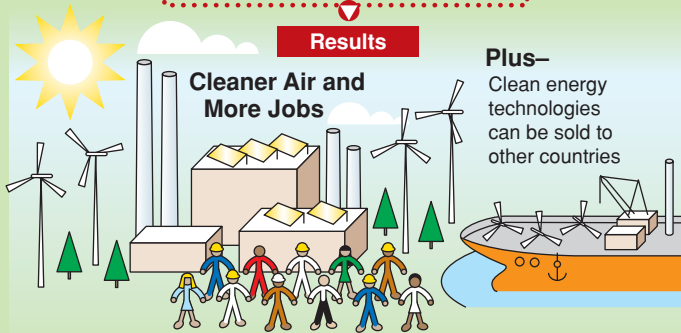
Increase Energy Efficiency



Use Renewable Energy



Results

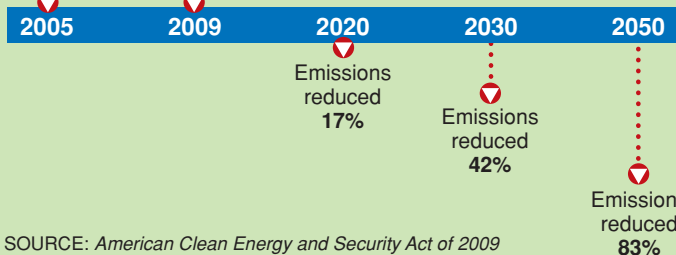


SOURCE: Environmental Defense Fund, www.edf.org

CARBON CAP TIMELINE

Baseline for carbon emission levels

Congress passes a carbon cap

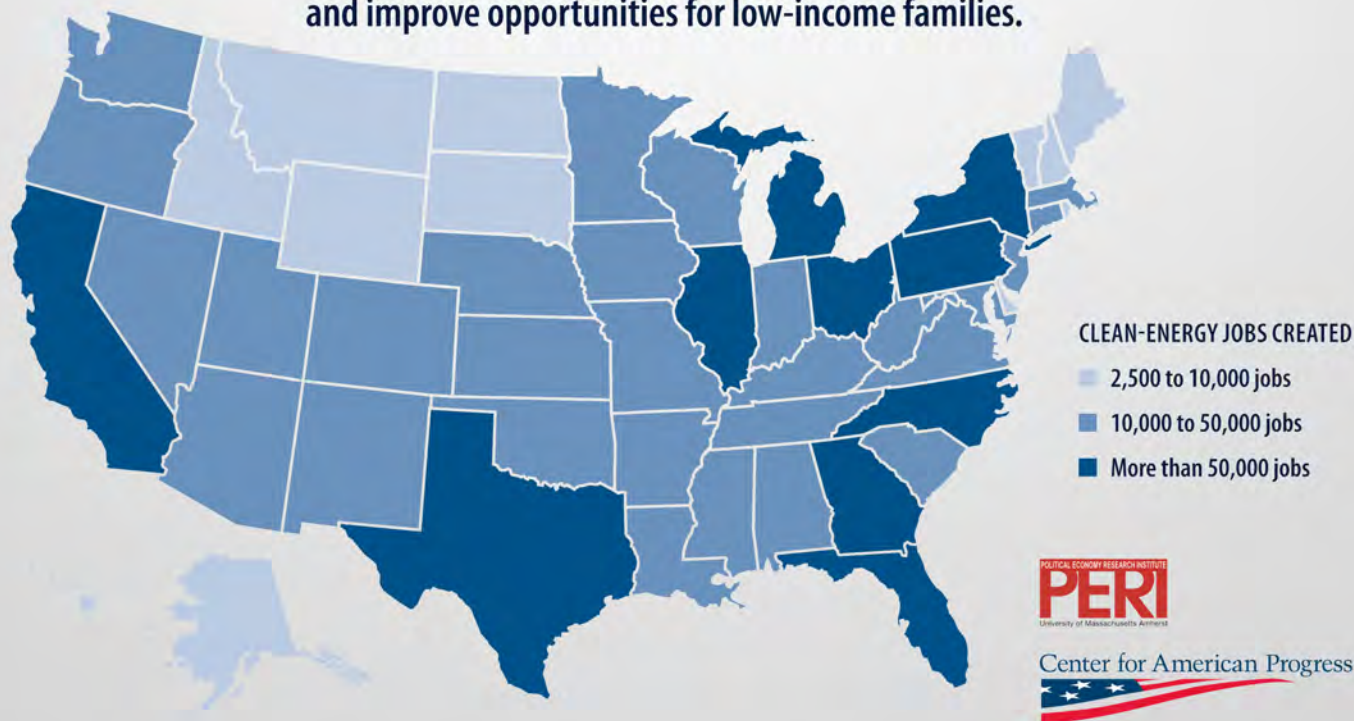


SOURCE: American Clean Energy and Security Act of 2009

Investing \$150 billion in clean energy will create a net gain of

1.7 million jobs

and improve opportunities for low-income families.



Green investments and jobs

Major areas for green investment agenda	Representative jobs
Building retrofitting	Electricians, heating/air conditioning installers, carpenters, construction equipment operators, roofers, insulation workers, carpenter helpers, industrial truck drivers, construction managers, building inspectors.
Mass transit/freight rail	Civil engineers, rail track layers, electricians, welders, metal fabricators, engine assemblers, bus drivers, dispatchers, locomotive engineers, railroad conductors.
Smart grid	Computer software engineers, electrical engineers, electrical equipment assemblers, electrical equipment technicians, machinists, team assemblers, construction laborers, operating engineers, electrical power line installers and repairers.
Wind power	Environmental engineers, iron and steel workers, millwrights, sheet metal workers, machinists, electrical equipment assemblers, construction equipment operators, industrial truck drivers, industrial production managers, first-line production supervisors.
Solar power	Electrical engineers, electricians, industrial machinery mechanics, welders, metal fabricators, electrical equipment assemblers, construction equipment operators, installation helpers, laborers, construction managers.
Cellulosic biofuels	Chemical engineers, chemists, chemical equipment operators, chemical technicians, mixing and blending machine operators, agricultural workers, industrial truck drivers, farm product purchasers, agricultural and forestry supervisors, agricultural inspectors.

Source: See appendix.