



ENVIRONMENTAL DEFENSE
ACTION FUND

Another way to keep good jobs at home: Cap Emissions! *Vote “Yes” on H.R. 2454, the American Clean Energy and Security Act.*

A nation-wide cap on greenhouse gas emissions – like the one in the American Clean Energy and Security Act – would jumpstart a new energy economy and bring lots of good-paying jobs along with it. If we fail to enact policy soon jobs will go overseas as other countries win new markets for clean energy and climate solutions.

Climate policy creates strong and predictable demand for technologies that increase efficiency and generate low-carbon energy. There are 250 of these low-cost climate solutions already available¹ and each has its own robust supply chain. For example, there are 8,000 parts that go into each wind turbine² from bolts, lubricants, copper wiring, and ball bearings to concrete foundations and steel towers and blades. American workers are already manufacturing these components and would benefit immediately from climate policy delivering new customers.

Some towns are already seeing economic benefits as a direct result of increasing demand for clean technologies.³

- The small town of Hemlock, Michigan is benefiting from increased investments in a local solar cell component manufacturer, Hemlock Semiconductor, which will expand its plant’s capacity –creating up to 300 permanent new jobs and more than 800 construction jobs. The company will also create 500 to 800 new jobs when it opens a similar plant in Clarksville, Tennessee in 2012.^{4,5}
- To meet growing demand for its super-insulating windows Serious Materials recently bought a shut-down manufacturing plant in Vandergrift, Pennsylvania and has already started to rehire laid-off workers.⁶
- Former mining town Butte, Montana recently became home to a new wind turbine production plant. The wind company Fuhrlander’s plant –slated to open its doors by the end of 2009 – will create 150 new jobs and likely an additional 600 with expected expansion.⁷

Even though some businesses are already growing and benefiting from the expanding new energy economy, the U.S. can only capture the full range of economic and job opportunities by ensuring reliable and long-term demand. Capping emissions – as the American Clean Energy and Security Act would do – is the best way to catalyze that economic boom and allow the U.S. to be a leader in the new energy economy.

We can’t wait any longer: without strong demand for climate solutions at home, the U.S. risks losing out on these promising and robust new markets as companies choose to move overseas where demand is higher.

America can’t afford to miss out on one of the largest new economic revolutions.
Vote “Yes” on H.R. 2454, the American Clean Energy and Security Act.

¹ *Reducing US Greenhouse Gas Emissions: How Much at What Cost?*, conducted by McKinsey & Company and published jointly with the Conference Board in December, 2007: <http://www.mckinsey.com/client-service/ccsi/greenhousegas.asp>

² American Wind Energy Association testimony to House Committee on Small Business, July 10, 2008.

³ State maps and case studies of companies poised to grow in clean energy economy can be found at: www.LessCarbonMoreJobs.org

⁴ Hemlock Semiconductor Group Brings New Polysilicon Capacity Online for Solar and Semiconductor Industries. May 27, 2009: http://www.hscpoly.com/content/hsc_comp/HSC_News_May27-09.aspx and [http://www.hscpoly.com/content/hsc_comp/\\$3.aspx](http://www.hscpoly.com/content/hsc_comp/$3.aspx)

⁵ Company Snapshot: Hemlock Semiconductor: <http://www.edf.org/page.cfm?tagID=36047>

⁶ Company snapshot: Serious Materials <http://www.edf.org/page.cfm?tagID=36399>

⁷ Company Snapshot: Fuhrlander AG: <http://www.edf.org/page.cfm?tagID=36069>