

# \$1 Million = More jobs for green industries

(Employment per \$1 million spending in various industries – full-time equivalent jobs)

## Renewable Industries

39.7 jobs



Reforestation  
Land Restoration

21.738 jobs



Mass transit &  
freight rail  
construction

20.317 jobs



Road & bridge  
repairs

20.3 jobs



Conservation  
(parks)

17.36 jobs



Building retrofits

17.36 jobs



Biomass

13.72 jobs



Solar

13.3 jobs



Wind

12.46 jobs



Smart Grid

## Non-Renewable Industries

14.512 jobs



Electricity,  
transmission,  
distribution

6.86 jobs



Coal

4.2 jobs



Nuclear

## Job Creation per \$1 Million Investment

INDUSTRY	DIRECT	INDIRECT	INDUCED	TOTAL
Reforestation, Land and Watershed Restoration, and Sustainable Forest Management	17.55	12.95	9.2	<b>39.7</b>
Crop Agriculture	9.8	6.5	6.5	<b>22.8</b>
Livestock	6.4	9.1	6.2	<b>21.7</b>
Gas (heavy and civil construction for pipelines - 50% new and 50% repair)	12.05	3.93	5.912	<b>21.888</b>
Mass transit and freight rail construction	13	3.70	5.038	<b>21.738</b>
Roads and bridges: repair	11.1	3.69	5.527	<b>20.317</b>
Conservation (Parks and Land and Water Conservation Fund)	11.45	4.15	4.7	<b>20.3</b>
Water infrastructure	9.96	4.38	5.427	<b>19.764</b>
Aviation	9.7	4.30	5.264	<b>19.266</b>
School buildings	8.65	5.38	5.233	<b>19.262</b>
Building retrofits	7.7	4.70	4.96	<b>17.36</b>
Roads and bridges: new	8.7	3.94	4.834	<b>14.474</b>
Solar	5.4	4.40	3.92	<b>13.72</b>
Biomass	7.4	5.00	4.96	<b>17.36</b>
Smart grid	4.3	4.60	3.56	<b>12.46</b>
Wind	4.6	4.90	3.8	<b>13.3</b>
Electricity generation, transmission, distribution	5.32	4.50	4.696	<b>14.512</b>
Coal	1.9	3.00	1.96	<b>6.86</b>
Financial Industry	3.22	2.34	1.668	<b>7.228</b>
Oil and gas	0.8	2.90	1.48	<b>5.18</b>
Nuclear	1.2	1.80	1.2	<b>4.2</b>

*Source: Heidi Garrett-Peltier and Robert Pollin, University of Massachusetts Political Economy and Research Institute.*

Note: Multipliers derived using IMPLAN 2.0 with 2007 data. Infrastructure multipliers and assumptions are presented in "How Infrastructure Investments Support the U.S. Economy: Employment, Productivity and Growth," Political Economy Research Institute, January 2009, <http://www.peri.umass.edu/236/hash/efc9f7456a/publication/333/>