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EU Clean Power Sector Could Attract \$705 Billion by 2020
Region to Remain a Clean Energy Powerhouse over the Next Decade

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WASHINGTON – The European Union could attract \$705 billion in clean power project investments over the next decade, according to a report released today by The Pew Charitable Trusts. Thanks to early leadership in adopting clean energy policies, increased demand for clean energy products and services around the world over the next decade will also become an export opportunity for EU Member States.

Global Clean Power: A \$2.3 Trillion Opportunity examined projected private investment in wind, solar, biomass/energy from waste, small hydro, geothermal and marine energy projects. The underlying data for this report were compiled by Bloomberg New Energy Finance, the world's leading provider of news, data and analysis on clean energy and carbon market finance and investment. The report modeled three policy scenarios to determine future growth through 2020: *Business-as-usual*: no change from current policies; *Copenhagen*: policies to implement the pledges made at the 2009 international climate negotiations in Copenhagen and; *Enhanced clean energy*: maximized policies designed to stimulate increased investment and capacity additions.

“The message of this report is clear: countries that want to maximize private investments, spur job creation, invigorate manufacturing and seize export opportunities should strengthen their clean energy policies,” said Phyllis Cuttino, director of the Pew Climate and Energy program.

The report found that the clean energy sector continues to be an immense economic opportunity. By strengthening their clean energy policies, G-20 members have the potential to gain an additional \$546 billion in clean power project investments compared to *Business-as-usual*. Under the *Enhanced clean energy* scenario, the projected \$2.3 trillion investment in clean power projects over the next decade would be equivalent to adding the entire GDP of the United Kingdom to the global economy. Over that same time span, total renewable energy capacity additions in the G-20 could reach 1,180 gigawatts, almost four times the amount of renewable energy capacity that exists today.

In the EU, total investments in clean power projects under the three scenarios are estimated to be:

- *Business-as-usual*: \$592 billion by 2020
- *Copenhagen*: \$622 billion by 2020
- *Enhanced clean energy*: \$705 billion by 2020

Other key findings about the EU include:

- The difference in project investments between the *Business-as-usual* and *Enhanced clean energy* scenarios is \$113 billion.
- Under the *Enhanced clean energy* scenario, the cumulative investment potential in the United Kingdom over the next decade is projected to be \$134 billion, which would leverage installation of 44 GW of renewable energy generating capacity.
- France, the third largest wind resource in Europe after Germany and the United Kingdom, could attract \$57 billion in cumulative clean power project investments by 2020 under the *Enhanced clean energy* scenario.
- Italy, the first major country in which solar power is expected to reach so-called “grid-parity” with other electricity sources, could attract \$90 billion in cumulative clean power project investments by 2020 under the enhanced scenario.
- Germany, where significant amounts of clean energy technologies have already been deployed thanks to ambitious clean energy policies in the late 1990s, still ranks in the top five for attracted clean power project investments under all scenarios.
- The remaining 27 EU Member States not profiled individually account for \$14 billion in clean power project investments in 2010 and could attract \$32 billion annually by 2020 under the *Enhanced clean energy* scenario.

“Strong and consistent policies in Asia have helped double private investment over the past two years. Asia is now the leading region for clean energy investment, and its lead is set to extend in the near future unless Europe and the US make a step change in their support for the sector,” said Michael Liebreich, CEO of Bloomberg New Energy Finance.

Read the entire report, including other key findings, country profiles, interactive graphics and video at www.PewEnvironment.org/CleanEnergy.

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