

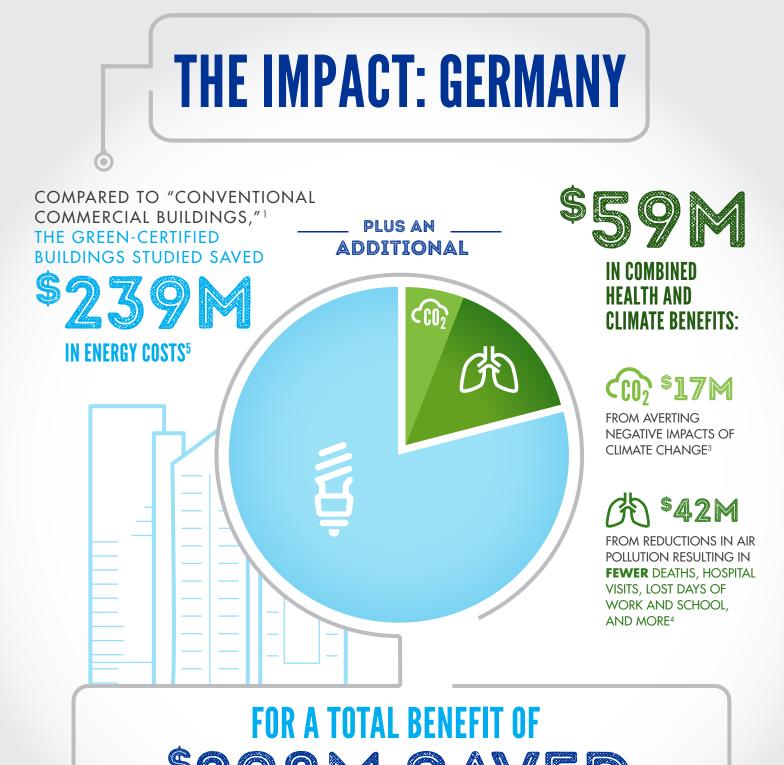
HEALTH CO-BENEFITS OF GREEN BUILDINGS

HOW DO WE IMPROVE HEALTH, REDUCE ENVIRONMENTAL IMPACTS AND LOWER OPERATING COSTS?

New research from the Harvard T.H. Chan School of Public Health says green-certified buildings are the answer.









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To learn more about the health co-benefits of green-certified buildings, visit: THEHEALTHFXSTUDY.COM

1 2016 USD, LEED® buildings 2000-2016.

- 2 All the obtained cost-saving dollar values were converted into 2016 USD, adjusted by the annual Consumer Price Index (CPI) of U.S. city average. BLS, CPI Databases. 2017, Bureau of Labor Statistics.
- 3 Includes carbon dioxide, methane and nitrous oxide and their associated climate damages. These are economic benefits associated with avoiding the negative consequences of climate change such as the spread of disease and coastal damage.
- 4 Includes public health impacts from exposure to ozone and PM_{2.5}, including deaths, hospitalizations and asthma attacks avoided.
- 5 Energy cost savings were calculated based on the prices for each energy type.
- 6 The study analyzed LEED-certified buildings in the United States, Brazil, Mainland China, Germany, India and Turkey. This accounts for 82% of LEED buildings, and 30% of all green-certified buildings.

MacNaughton P, Cao X, Buonocore J, Cedeno-Laurent J, Spengler J, Bernstein A, and Allen J. Energy Savings, Emission Reductions, and Health Co-Benefits of the Green Building Movement. 30 January 2018. Journal of Exposure Science and Environmental Epidemiology.

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