

Amory B. Lovins (1947– ), Hon. AIA (2007), is a consultant physicist, integrative designer, and global innovator in energy and its links with resources, security, development, and environment. He has advised the energy, real estate, and many other industries for five decades as well as the U.S. Departments of Energy and Defense. His work in 70+ countries has been recognized by the “Alternative Nobel,” Blue Planet, Volvo, Zayed, Onassis, Nissan, Shingo, and Mitchell Prizes, MacArthur and Ashoka Fellowships, the Benjamin Franklin, Happold, and Spenser Hutchens Medals, honorary Senior Fellowship of the Design Futures Council, 12 honorary doctorates, and the National Design, Heinz, Lindbergh, and World Technology Awards, among others. In 2009, *Time* named him one of the world’s 100 most influential people, and *Foreign Policy*, one of the 100 top global thinkers. In 2016, the President of Germany awarded him the Officer’s Cross of the Order of Merit (*Bundesverdienstkreuz 1. Klasse*). In 2023, Stanford’s Scopus citation analysis ranked him in the top 2% of world scientists.

His largely self-acquired education was rooted in experimental physics with a parallel track in music, classics, math, linguistics, some law, a little medicine, and a lot of mountain photography—then he started to diversify. (He explains that his work requires picking up a couple of new disciplines a year, and if you do that for 30–40 years, everything reminds you of something.) A Harvard and Oxford dropout, he’s a former Oxford don, Swedish engineering academician, early member of the AIA Committee on the Environment, 2011–18 member of the National Petroleum Council, and 2013–15 advisor to the Chief of Naval Operations on unclassified issues, and has briefed more than 30 heads of state.

Cofounder of the independent nonprofit think-and-do tank Rocky Mountain Institute ([www.rmi.org](http://www.rmi.org)) in 1982, he served at times its CEO, Chief Scientist and Chairman, now continuing as a contractor and Trustee. He has led or co-led the superefficient redesigns of scores of buildings (such as the retrofit of the Empire State Building), several vehicles, and \$60+ billion worth of industrial facilities in 29 sectors. In these practices he has pioneered new methods of “integrative design” (<https://doi.org/10.1088/1748-9326/aad965>) that often make very large energy savings cost *less* than small or no savings. He also led the creation of two of RMI’s many for-profit spinoffs, strongly influenced the design of RMI’s superefficient Innovation Center (Basalt CO, 2015), and led the conceptual and energy design of his home and RMI’s original headquarters (Old Snowmass CO, 1984)—still one of the world’s most efficient buildings. He has written more than 980 publications including 32 books, lately including *Natural Capitalism*, *Small Is Profitable*, *Winning the Oil Endgame*, *The Essential Amory Lovins*, and *Reinventing Fire*—which shows how to run a 2.6-fold-bigger U.S. economy in 2050 with no oil, coal, or nuclear energy, one-third less natural gas, \$5 trillion cheaper, with no new inventions or Acts of Congress, the transition led by business for profit.

The most recent of his visiting posts in ten universities (all on topics he’s never formally studied, so as to retain beginner’s mind) were as a Professor of Practice at the Naval Postgraduate School (2011–2017) and currently at Stanford University as Adjunct Professor (2020–24) and Adjunct Lecturer (2025– ) in Civil and Environmental Engineering, and Senior Precourt Scholar of Integrative Design and Energy Efficiency at the Precourt Institute for Energy. His avocations have included piano, composition, poetry, massage, mountain guiding, landscape photography, orangutan conservation, and the linguistics of people and great apes.