



## Reducing Energy Poverty

In 2020, 25% of the world's population, 2 billion people, have no access to reliable energy and 11%, 860 million people live completely without electricity. As populations increase, it is estimated 674 million people will be living in energy poverty by 2030 if electrification rates do not improve\*. AEE members are fundamentally changing the building sector from energy consumer to energy producer. Buildings are being used to localize energy production and availability while create healthier living and working environments so that no one is left behind.

\*'Life without Energy: needs, dreams, and aspirations.' <https://www.SPACE10.com>

## Talking Points

- » What does a Sustainable Development Professional (CSDP) do?
- » How does AEE raise the technical and ethical standards of energy professionals?
- » How does AEE enable professionals to work across disciplines?
- » What does "From Consumer, to Net-Zero and Net Positive" mean?

## United Nations Sustainable Development Goals



\*<https://sustainabledevelopment.un.org/sdgs>

## Sustainable Development | Energy Efficiency & Climate Change

Around the world, energy engineers are looking to create "Net Positive" environments. Buildings are an ideal focus for this effort. Buildings using renewable energy sources may be able to generate more energy than they need. They can then pass the excess energy to the local grid.

Many of our members are recognized for understanding development practices, applicable policies, technical requirements, program analysis,

and financial assessments related to sustainable development. They can help an organization to develop and implement sustainability programs to achieve "Net Positive" results.

You will find AEE members with specific knowledge applicable to a given market, such as green building construction, environmental mitigation, industrial facility operation, planning, alternative energies, carbon reduction, sustainable transportation, or water conservation.

Energy efficiency and the work of AEE Members and AEE Certified professionals go beyond climate impact. Their work is directly related to multiple Sustainable Development Goals\* (SDGs) defined by the United Nations.



Making A Difference  
[aeecenter.org](http://aeecenter.org)