Cool and Comfortable Buildings

Smart building design can help achieve thermal comfort with reduced or no need for mechanical cooling like ACs.¹

If buildings were designed to make inhabitants feel comfortable naturally, then we could reduce the need for mechanical cooling by 50–80%.²





Sources: 1 Better Design for Cool Buildings (2020), PEEB | 2 The Future of Cooling (2018), IEA | 3 The Power of Efficient Cooling (2020), EIU | 4 Passive Cooling Techniques Through Reflective and Radiative Roofs in Tropical Houses in Southeast Asia (2014), AI-Obaidi, Ismail and Rahman Tracking Building Envelopes (2020), IEA | 5 Tracking Building Envelopes (2020), IEA | 6 Prediction and optimization of life-cycle costs in early design (2010), Bogenstätter. U | 7 Not Passive Cooling (2021), CEA Consulting

#KeepItCool