

Appendix 10

ARCHITECTURE 2030 STANDARDS

Architecture 2030 has issued *The 2030 Challenge* asking the global architecture and building community to adopt the following targets:

- All new buildings, developments and major renovations shall be designed to meet a fossil fuel, GHG-emitting, energy consumption performance standard of 50 percent of the regional (or country) average for that building type.
- At a minimum, an equal amount of existing building area shall be renovated annually to meet a fossil fuel, GHG-emitting, energy consumption performance standard of 50 percent of the regional (or country) average for that building type.
- The fossil fuel reduction standard for all new buildings and major renovations shall be increased to:
 - 60 percent in 2010
 - 70 percent in 2015
 - 80 percent in 2020
 - 90 percent in 2025

Carbon-neutral in 2030 (using no fossil fuel GHG emitting energy to operate).

These targets may be accomplished by implementing innovative sustainable design strategies, generating on-site renewable power and/or purchasing (20 percent maximum) renewable energy and/or certified renewable energy credits.

Resolution brought forward by:

Mayor Daley of Chicago
Mayor Chavez of Albuquerque
Mayor Diaz of Miami
Mayor Nickels of Seattle
The American Institute of Architects (AIA)
US Green Building Council (USGBC)
Leadership in Energy and Environmental Design (LEED)
Royal Architecture Institute of Canada (RAIC)
County of Sarasota, FL
State of New Mexico (Governor Bill Richardson)
City of Santa Fe, NM
Rocky Mountain Institute (RMI)
Environment America
International Council for Local Environmental Initiatives (ICLEI)
World Business Council for Sustainable Development (WBCSD)
Environmental Protection Agency (EPA/Target Finder)

American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE)
National Wildlife Federation (NWF)
Society of Building Science Educators (SBSE)
AIA Committee on the Environment (AIA/COTE)
Association of Collegiate Schools of Architecture (ACSA)
Union Internationale des Architectes (UIA)
American Solar Energy Society (ASES)
American Society of Interior Designers (ASID)
Cascadia Region Green Building Council
Ontario Association of Architects (OAA)

Source: www.architecture2030.org