

Designing a Green Future

Written by Kirstina Bolton

You might think the year 2030 is far away, but for architects and other design professionals with PHX Architecture, it marks the end of an era.



The mission? To reduce or eliminate greenhouse gases emitted by the Building Sector by changing the way building and developments are planned, designed and constructed.

You may be surprised to learn that building and construction are the major source of greenhouse gases (GHG) emitted into the atmosphere every day. Popular assumption is that fuel emissions are the biggest factor in our declining climate, and while it plays a part, the Building Sector plays an even bigger role. The Building Sector produced nearly half (46.7%) of US CO₂ emissions in 2010, and consumed nearly half (48.7%) of all energy in the US. Compare that to CO₂ emissions from transportation at 33.4%, and industry at 19.9%.

To play a part in helping eliminate greenhouse gases, PHX Architecture joined the Architecture 2030 Challenge®, a non-profit organization that was established in 2002 in response to the climate change crisis founded by architect Edward Mazria.

Architecture 2030's mission is to rapidly transform the U.S and global Building Sector from the major contributor of greenhouse gas emissions to a central part of the solution focused on climate change, energy consumption, and economic crisis. The goal is to be achieved by the year 2030.

PHX Architect Scott Carson AIA has enrolled in the American Institute of Architecture (AIA) Phoenix Metro 2030 Professional Series. This program is designed to give architects the tools to create buildings that meet the ambitious energy efficiency goals for the Architecture 2030 Challenge.

The program consists of ten, 4-hour sessions to offer strategies to reach 60% reduction in fossil fuel greenhouse gas emissions, giving design professionals the knowledge and leverage to create next-generation, super-efficient buildings, and providing firms with the skills that will set them apart in the marketplace.

"I am excited to participate in the 2030 series, and to be able to do my part in eliminating greenhouse gases," Scott Carson AIA, said. "While the year 2030 is still far away, every little step we take before then can help pave the way for a greener future."



To learn more about Architecture 2030, please visit their [website](#) and for up-to-date information on PHX Architecture's road to 2030, visit their [blog](#).