The presentation intends to cover both the tactical and strategic needs and opportunities pertaining to the topic of environmental sustainability of pavements. Specifically, the tactical portion will cover federal and state green public procurement policies and initiatives from construction material industries in meeting these requirements. The strategic portion will delve into the topic of net-zero, looking at the origination and relevance for the pavement domain. In addition, it will cover both the upstream and downstream asphalt industry initiatives around the topic of net-zero pavements. The presentation will conclude by highlighting potential interdisciplinary needs and opportunities for next generation engineers.