

## *Energy Efficiency Management and Green Buildings*

This paper addresses the economic importance of conducting energy surveys in buildings and benefits of energy efficiency using various sustainable Technologies.

Regular Buildings consume 40% of the world energy, World need of energy will rise 55% by 2030 with investments need of \$22 Trillion .

Energy demand -energy efficiency-renewable energy-commissioning and on-going performances are crucial to be taken in consideration to insure sustainable projects\ cities.

Green building concept is the practice of increasing the efficiency with which buildings use resources - energy, water, and materials - while reducing building impacts on human health and the environment during the building's lifecycle, through better design, construction, operation, maintenance, and removal

I will show case green buildings benefits as well as how can small and medium business gain from this direction.

As well as the environmental and social governance aspects and reporting will be highlighted to complete the sustainable circle

I will showcase the circular economy concept utilizing waste to energy and reusing it.