
BEYOND
SMART CITIES
welcome to
BEYOND SMART CITIES
BEYOND SMART AIRPORTS


BEYOND
SMART CITIES
BASICS OF AIRPORT ENERGY MANAGEMENT
ONLINE TRAINING BY KRISHNAJI PAWAR
KNOWLEDGE IS POWER
LEARN.BEYONDSMARTCITIES.IN
WWW.BEYONDSMARTAIRPORTS.COM

BEYOND SMART CITIES

MODULE
L9

Summary and Resources

KRISHNAJI PAWAR - CEO & FOUNDER
LEED AP(BD+C),GSAS CGP,GCP,ISO 14001

WWW.BEYONDSMARTCITIES.IN
WWW.BEYONDSMARTAIRPORTS.COM





BEYOND SMART CITIES

BASICS OF AIRPORT ENERGY MANAGEMENT

This course introduces the important topic of airport energy management. Airports are complex facilities that consume a lot of energy. Understanding how to manage this energy is crucial for making air travel more sustainable. In this course, we will cover various topics related to energy use in airports. We will explore how energy is used, the importance of conserving energy, and the benefits of effective energy management practices.

Learning Objectives

- Course Overview and Introduction
- Airports- Energy & Sustainability Perspectives
- Overview of energy use in airport environments
- Importance of conservation in aviation sustainability.
- Key energy consumption areas in airports
- Global trends in energy efficiency
- Energy Consumption Reduction Plan
- Benefits of energy management
- Summary and resources

BEYOND SMART CITIES

INTRODUCTION

- Introduction to airport energy management highlights its importance for sustainability and cost reduction.
- Airports consume energy in terminal operations, ground services, and aircraft support systems.
- Energy conservation is critical for reducing greenhouse gas emissions and mitigating climate change.
- Key energy consumption areas include lighting, heating and cooling, and transportation of ground vehicles.

SUMMARY AND RESOURCES





- Global trends show a movement towards green technologies and regulatory measures for energy efficiency.
- Energy Consumption Reduction Plans outline strategies like upgrading systems and using smart technology.
- Benefits of effective energy management include cost savings, operational efficiency, and reduced environmental impact.
- The course emphasizes structured energy management as essential for a sustainable aviation sector.

BEYOND
SMART CITIES

AIRPORTS PLAY A CRITICAL ROLE IN THE AIR TRANSPORT VALUE CHAIN

- Airports are crucial in the air transport value chain, requiring significant energy for operations.
- As energy-intensive entities, airports seek to manage energy sustainably as part of their environmental strategies.
- The study focuses on Copenhagen Airport, a major air traffic hub in Scandinavia, examining its sustainable energy management practices.
- The primary environmental impact from energy use at the airport is CO2 emissions from both air and land side operations.
- Copenhagen Airport has implemented various methods to mitigate the environmental impact and improve energy efficiency.



BEYOND SMART CITIES

CONTACT US

+91 6363032722

info@beyondsmartcities.in

learn.beyondsmartcities.in

#55,HMR Layout ,Bengaluru ,India

WWW.BEYONDSMARTAIRPORTS.COM



BEYOND SMART CITIES

BEYOND SMART AIRPORTS

THANK YOU



WWW.BEYONDSMARTAIRPORTS.COM