Building Smart & Safe Communities

OVERVIEW

In this CPD presentation, titled "Building Smart & Safe Communities," Schreder offers an insightful exploration of their innovative lighting solutions, particularly emphasising the concept of Connected-ready lighting and Lightability. Through real-world case studies, attendees will understand how Schreder's products, including the Shuffle and Flexia, revolutionise urban lighting and safety. The presentation delves into integrating various systems, discussing a modular approach to building intelligent and secure communities.

LEARNING OUTCOMES

1. Gain insight into Schreder's advanced lighting expertise.
2. Explore connected-ready lighting and its urban development significance.
3. Learn about Lightability's community impact.
4. Discover Schreder's innovative products (Shuffle, Flexia) for urban lighting.
5. Learn how Schreder integrates systems like Wi-Fi, Security, EV charging, and lighting.
6. Analyze real-world case studies of Schreder's solutions.
7. Understand the benefits of integrating systems for urban functionality, security, and sustainability.

Formal Outcomes: Project Initiation and Conceptual Design PC28, PC30, PC31, PC33.
Detailed Design and Construction PC45.

Q1. The world is going through a shortage of resources that needs to be addressed. What are those challenges?

a) Energy Crisis
b) Safety & Security
c) Pollution
d) All of the above

Q2. SCS Schreder proposes to address the challenges through?

a) Light as a Base
b) Simplicity
c) Flexibility
d) Options a) and c)

Q3. The three components of Smart Street Lighting Solutions are…

a) Hardware, Platform, and Network
b) Platform, Software, and Network
c) Hardware, Network, and Software
d) Software, Hardware, and Platform

Q4. What are the benefits of using Smart and Controlled Street Lighting?

a) Reduced Maintenance Cost
b) Optimized Safety and Comfort
c) CO2 reductions and Energy savings
d) All of the above

Q5. SCS Schreder's first large-scale Street Lighting Control Project in Australia was with......?

    a) Department of Transport Main Roads, Queensland
    b) Bundaberg Regional Council, Queensland
    c) Waverley Council, New South Wales
    d) City of Geelong, Victoria

Q6. What are the three pre-configured versions of SHUFFLE from below?

    a) SOS
    b) Safety
    c) Campus
    d) Mobility

Q7. Does SCS Schréder have a cohesive sustainability strategy?

    a. True
    b. False

Q8. The speaker described the Smart Streetlight Pole SHUFFLE as being beneficial for the Smart City Application. Explain why it's desirable.

Q9. What is the key takeaway from the Smart and Connected approach discussed in the presentation?

Q10. Why do you think a SMART CITY is the future of every city?