Smart City / P3 Strategies for HPBs

Let's build the future... Together!

On LinkedIn and Twitter @ZackHuhn

Quick, Personal Intro

Named Top 50 Global Leader in Smart Cities Three Years in a Row *(17, 18, 19)*

Named Next Nine Community Leader (WCPO)

Former CEO, Venture Smarter Inc

Co-Founder of the Smart Regions Initiative

Founder of the Smart Cincy Campaign

IEEE Standards Association SDB Board

National Institute of Standards and Technology GCTC Leadership

SME Advisor for the US Congressional Smart Cities Caucus

Department of Homeland Security Science and Technology Directorate

Setting the stage: What do we mean by 'Smart'?

Optimize or altogether replace existing systems and infrastructure in order to:

- Cut Costs and/or Generate Revenue
- Improve Operational Efficiencies
- Mitigate Risks
- Enhance Experiences

72%

of Cincinnatians surveyed said that improving public safety, in one way or another, is a personal priority in building a 'Smart Cincy'

To Clarify:
Tech-enabled vs Tech-centered

Becoming smart is not about technology, rather, enabled by it. Building a smart city, or smart facility requires smart strategies and policies to accompany and lead the technological transformations.

You don't have to have a digital twin of your city, campus, or facility to make it 'smart' and high performing… (Although, it opens up some pretty cool possibilities if you do!)

Key Themes of Smart Places

Connectivity   Safety/Security

Mobility   Sustainability

Connectivity

Connecting people, places, things, and information online and offline

Mobility

Moving people and goods efficiently and effectively, providing equitable access to all regardless of socioeconomic or physical barriers

Security

Not only providing safe physical spaces, but also protecting information, digital identities, and respecting digital/privacy rights in the age of tech

Sustainability

Triple-bottom-line: more than environmental sustainability, financial sustainability and community impact, too!

- Reduce waste and emissions
- Transition to clean power sources
- Save time, dollars, and resources
- Be mindful of Corporate Social Responsibility

Discover, Collaborate, Build

What are your goals?

What are your limitations?

What are your available resources?

Discover, **Collaborate**, Build

Develop a Framework and Action Plan

Develop an Ecosystem

Develop a Business Model

Discover, Collaborate, **Build**

Build your future-ready project in layers:

Traditional Infrastructure

Digital Infrastructure

Integrated Feedback and Improvement Loops

Partnerships, Partnerships, Partnerships!

Public-Public

Public-Private

Business-Business

Examples and Use Cases

Connectivity

smartLINK/Newport partnership

Safety/Security

ASG/Isotec

Mobility

Columbus Partnership/COTA

Sustainability

EV Charging Stations (P3)

'Quick Wins' for Smart Spaces and Places

- Enhance Broadband and Wireless Capabilities
- Secure Points of Entry and Reduce Staff Burdens
- Reduce Waste and Emissions Mindfully
- Increase Mobility Options For Tenants and Guests

Taking Action - *Discover, Collaborate, Build*

Discover your priorities, resources, and capabilities.

Collaborate with stakeholders, subject matter experts, and technical experts.

Build your future-ready community, campus, or facility with confidence.

Let's Connect

Zack Huhn

zachary.huhn@gmail.com

@ZackHuhn on Twitter and LinkedIn