



**Dr. Wilfred Pinfold**

**Bio-Sketch**

Wilfred Pinfold is the Chief Executive Officer of urban.systems Inc, a company that builds vibrant communities using technology to facilitate civic engagement, deliver services and share resources. Before leading urban.systems he had a 23 year career at Intel where he led research and development programs in Extreme Scale Computing, Internet of Things and Smart Cities. He is a Research Professor in Computer Science at Portland state University, has taught classes in business, innovation, aeronautics, ocean systems and has more than 30 years of experience in computational and data science. He is a member of the City of Portland Technology Oversight committee, holds multiple board positions and is the Honorary Consul for the United Kingdom in Oregon. He received his Ph.D. in Computational Fluid Dynamics from the University of Strathclyde, Glasgow and attended the Stanford Executive Program.

**Keynote Title**

Public Private Partnerships: Value Capture in Urban Development

**Abstract**

By 2050, it is estimated that roughly 70% of the world's population will live in cities. In an world of high energy climate events, social shocks like SARS, MERS, and COVID, and a need to improve public services and efficient resource-usage there are huge benefits to the effective use of technology in the municipal environments. So why has it been so difficult to deploy technology to improve life and health in the municipal environment. How do public and private entities work together and how do we facilitate value capture in a way that benefits communities while ensuring business incentives are sufficient to encourage investment.