

A scale perspective on the 'urban nexus': the integration of different scales of infrastructure system

University of Sussex
12 May 2016

Professor Liz Varga

Talk abstract

- Infrastructure systems have unique design characteristics that often lead to inertia and constrained future innovation.
- Is there potential for new forms of integration that can bring together different scales and define better pathways supporting sustainable innovation?
- Examples of innovations raising scaling and scale integration challenges are:
 - energy system innovation using renewable energy sources;
 - food system innovations into protein alternatives;
 - and conservation innovation in water systems.
- The issue of scale and scale integration is an emerging area of research highlighted by the movement toward sustainability; it requires more elaboration and research

- CASCADE
- Transforming Utility Conversion Points
- All-in-One
- EU-Innovate
- ICIF



Thank you

**University of Sussex
12 May 2016**

Professor Liz Varga