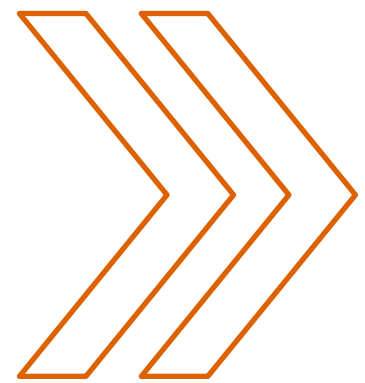


# iCity - Big Data and Visualization Urban Transportation Strategies

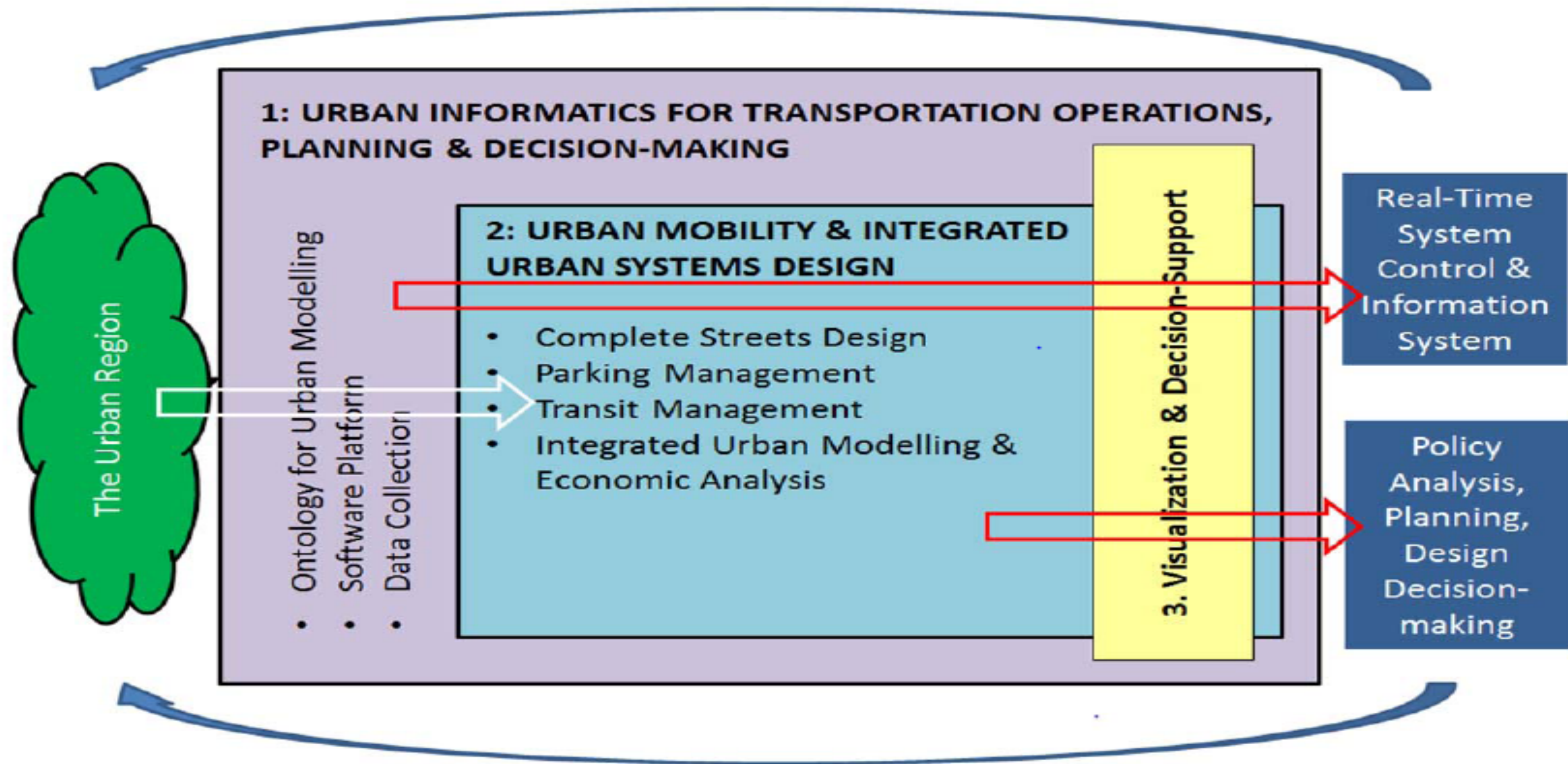


## iCity, ORFE

- High quality transportation services, notably well-designed transit hubs within comprehensive networks are fundamental prerequisites for effective cities
- Melding of machine learning, simulations, predictive analytics and design create capacity and connectivity support insights into complex decision-making processes and evidence-based decision making
- Share an overview of the philosophy, methodologies and research outcomes of the iCity virtual lab

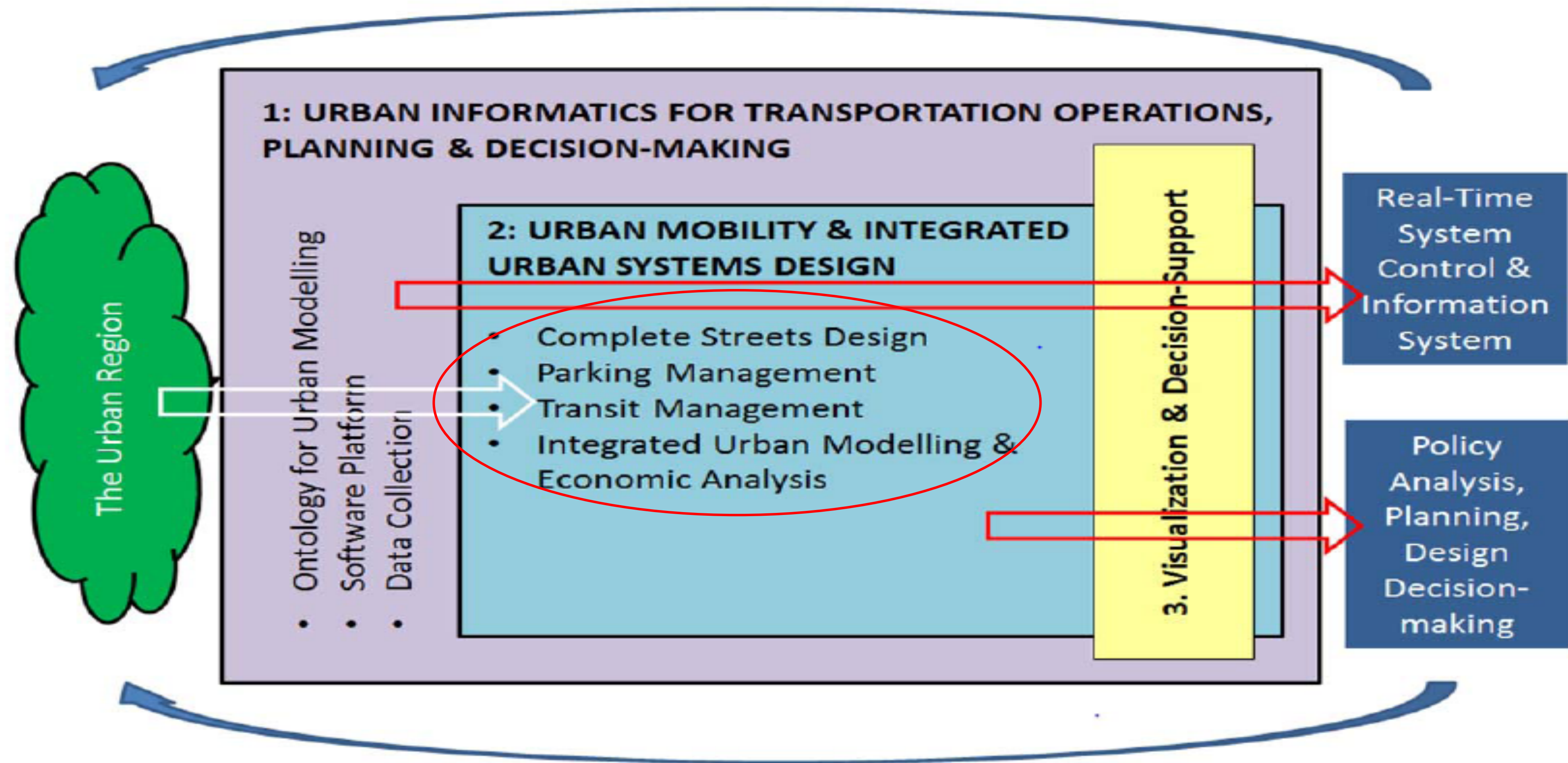


# iCity: Urban informatics for sustainable





# iCity: Urban informatics for sustainable



# Workshop Agenda

Introduction and Welcome, Dr. Sara Diamond, OCAD U

1. The challenges of transportation planning and the benefits of collaborative analytics between academics and municipal planners, Judy Farvolden, UT; Jesse Coleman, Toronto
2. An ontology approach to integrated transportation and urban systems, Dr. Megan Katsumi, UT and Ajaz Hussain, OCAD U
3. What do visualization tools provide, a taxonomy of urban analytics tools, Jeremy Bowes, OCAD U

BREAK



# Workshop Agenda

4. Solving Fundamental Challenges: ITSoS GIS Services ITSoS GIS Services, and Evaluation of Bus Bridging Scenarios for Railway Service Disruption Management: A Users' Delay Modelling Tool, Dr. Baher Abdulhai, Dr. Hasan Bayanouni; Dr. Amer Shalaby; Dr. Ehab Diab, UT
5. Complete Streets: Integrating Quantitative and Qualitative Analytics into Urban Transportation Planning, Jeremy Bowes, OCAD U; Dr. Dena Kasraian, UT; David Kossowsky, Michael Luubert (Esri Canada)

# Workshop Agenda

- 6. Visualizing complex urban areas and traffic data in 2 and 3D,  
David Kossowsky, Michael Luubert, Esri Canada
- 7. Wrap Up, Dr. Sara Diamond and Judy Farvolen