



Dr. Jacqueline Corbett

Dr. Corbett is Associate Professor of Management Information Systems in the Faculty of Business Administration at Université Laval. She holds a Ph.D. (MIS), a M.B.A (Finance) and a B.A. (Honours, Business Administration). Prior to obtaining her Ph.D., Jacqueline had a distinguished professional career in the Canadian FinTech sector. Jacqueline's current research interests concern the design and use of information systems (IS) to support sustainable development, with a particular interest on the achievement of the UN's Sustainable Development Goals for 2030. Her specific research activities fall into four main areas: 1) the use of persuasive systems to foster environmentally responsible behaviors; 2) the adoption and impacts of "green" IS by organisations; 3) the Smart Grid; and 4) Smart Cities. Jacqueline has published research in top IS and management journals and presented at leading conferences.

Selected Recent Publications

- Corbett, J. & Montgomery, W. (2017). Environmental Entrepreneurship and Interorganizational Arrangements: A Model of Social-benefit Market Creation. **Strategic Entrepreneurship Journal**.
- Corbett, J. & Mellouli, S. (2017). Winning the SDG Battle in Cities: How an Integrated Information Ecosystem Can Contribute to the Achievement of the 2030 Sustainable Development Goals. **Information Systems Journal**, 27(4), 427-461.
- Corbett, J., Webster, J., & Jenkin, T. (2015). Unmasking Corporate Sustainability at the Project Level: Exploring the Influence of Institutional Logics and Individual Agency. **Journal of Business Ethics**.
- Corbett, J. (2013) "Using Information Systems to Improve Energy Efficiency: Do Smart Meters Make a Difference", **Information Systems Frontiers**, 15, 747-760.
- Corbett, J. (2013) "Designing and Using Carbon Management Systems to Promote Ecologically Responsible Behaviours. **Journal of the Association for Information Systems**, 14(7), 339-378.

Leveraging an Integrated Information Ecosystem to Build Smart Sustainable Cities

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Research Context

- CeRCI : Centre de recherche sur les communautés intelligentes
 - Multi-disciplinary research centre established in 2013 at FSA ULaval
- Research initiated in 2013
- Published article:
Corbett, J. & Mellouli, S. (2017). **Winning the SDG Battle in Cities: How an Integrated Information Ecosystem Can Contribute to the Achievement of the 2030 Sustainable Development Goals**, Information Systems Journal, 27(4), 427-461.

Sustainable Development Goals 2030

SUSTAINABLE DEVELOPMENT GOALS

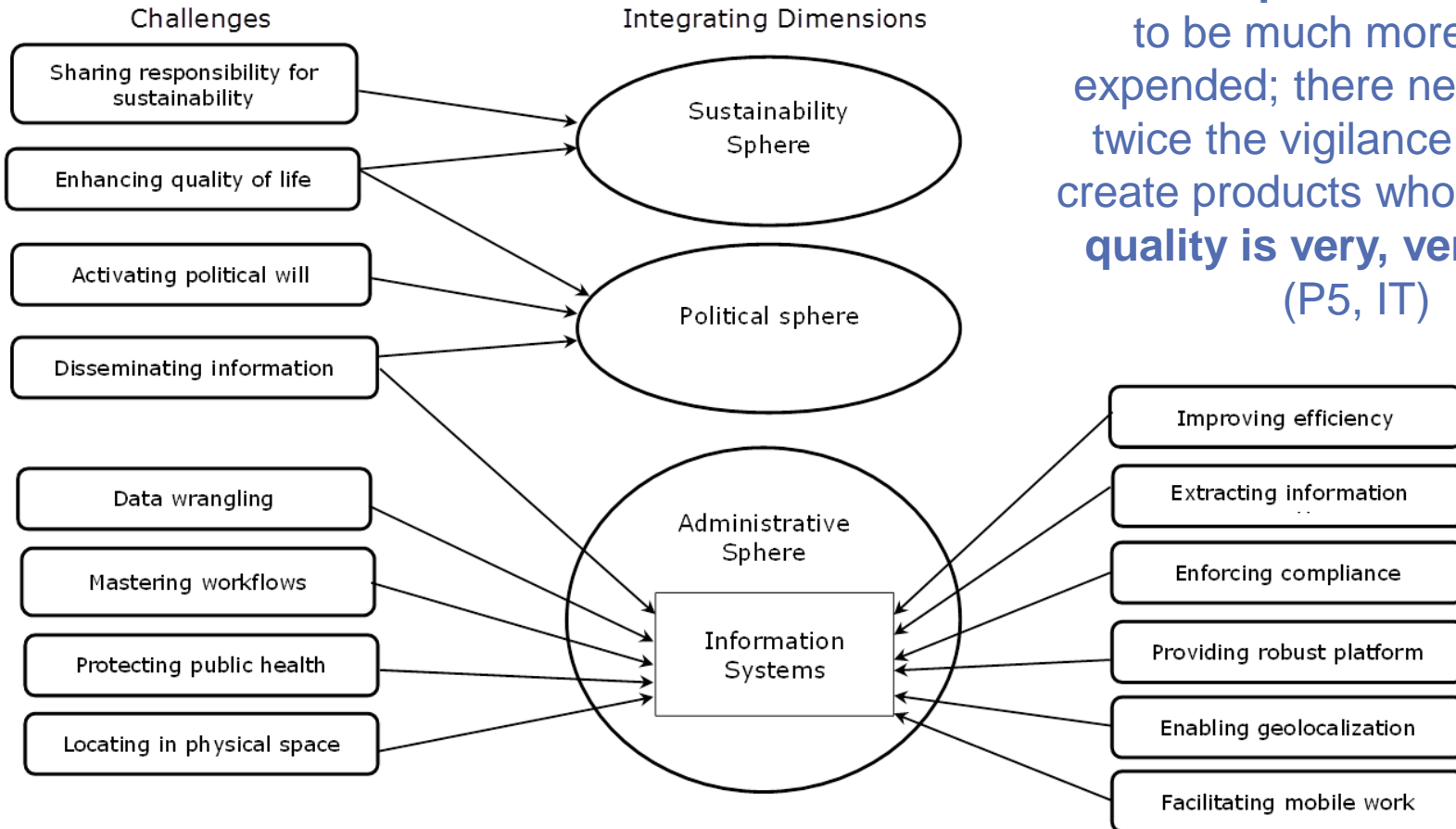


Research Questions

How do information systems (IS) support cities in their efforts to manage water quality and green space?

What type of IS are needed by cities in order to achieve the SDGs by 2030?

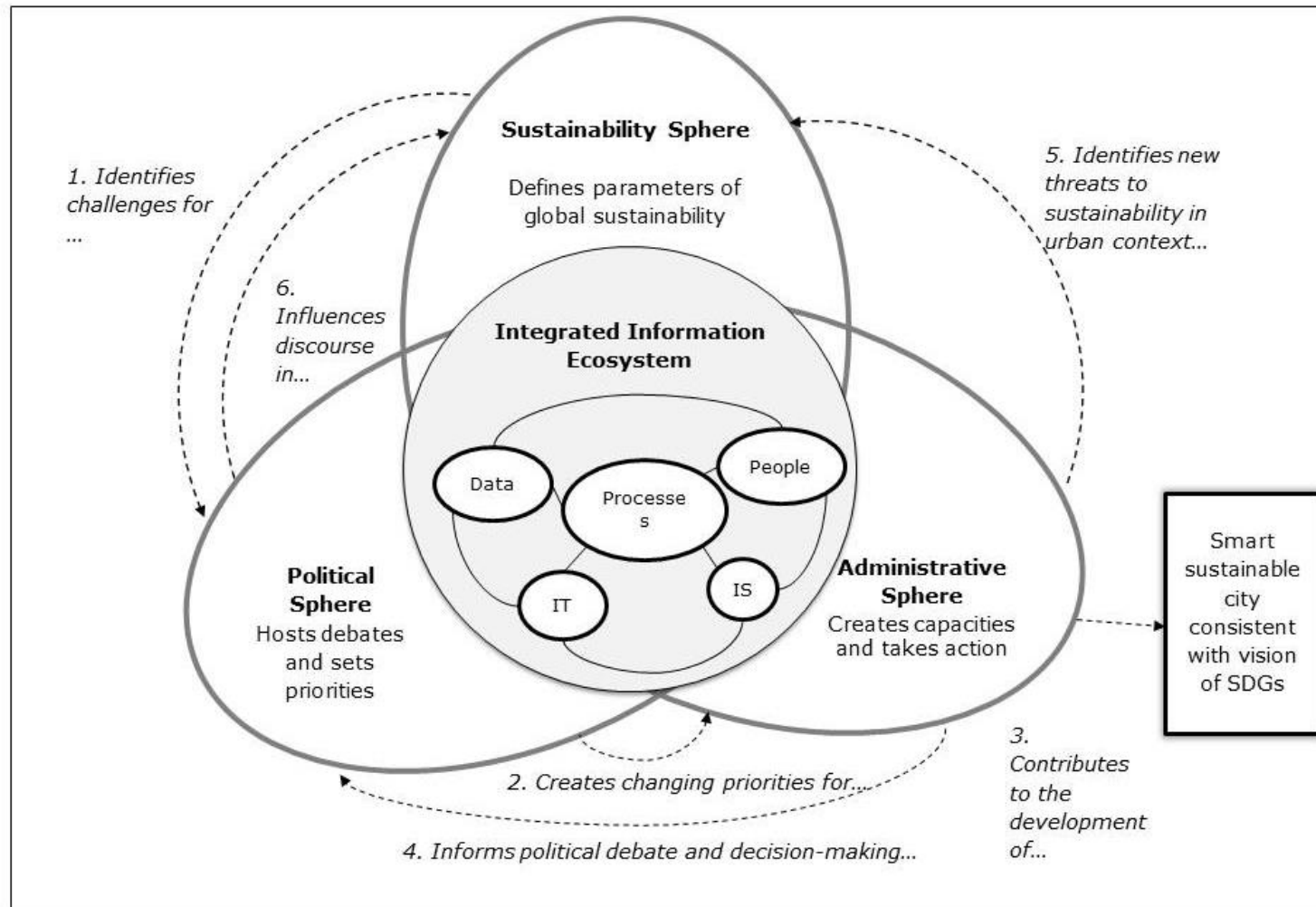
Results



“LabIS, it is a laboratory application on which **lives could depend**. There needs to be much more effort expended; there needs to be twice the vigilance so as to create products whose level of **quality is very, very high.**” (P5, IT)

“At first, TreeIS was just a big computer at the office. One had to make a paper copy. Today, with the [GIS], they pick up **a sector** and then they go there. Today, they go with a **tablet computer** and they’re set.” (P6, IT)

Integrated Information Ecosystem



For more information

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