

Organizational Info

Organization Name: QuadReal Property Group

Presenter: Jamie Gray-Donald

Organization URL: <https://www.quadreal.com/>

Challenge Synopsis: QuadReal seeks to deliver strong investment returns while creating sustainable environments that bring value to the people and communities it serves. More specifically, QuadReal endeavours to leverage technology to minimize its environmental impact, increase the operational efficiency and improve the user experience for its residents and tenants.

Challenge Statement & Context: Flood damage resulting from water leaks is among one of QuadReal's largest uncontrolled costs. Having better insights into leak detection and prevention has the potential to drive significant value for the organization's bottom line, reduce insurance risk as well as lower resource intensity of water damage restoration and associated landfill waste. We are looking for technology partners with proven solutions to better leverage our existing building automation systems to reduce water leaks. Solutions with open data architectures and automated workflows will be prioritized.

Response Criteria:

QuadReal is seeking solutions that include but are not limited to:

- Intelligent leak detection sensors able to communicate out to enterprise level software systems via various wireless protocols
- Systems or software that can integrate with our existing building management platforms to automatically control valves and provide notifications and alarms based on inputs from leak detection sensors
- Systems or software that can manage workflows to notify operations teams and dispatch restoration services
- Systems or software that can identify potential leak issues prior to failure
- Technologies that can reinforce plumbing infrastructure to prevent against leaks

Next Steps:

If interested in responding to this challenge and participating in this session, please contact John McPherson at the Vancouver Economic Commission: JMcPherson@vancouvereconomic.com.