

#BCGO Fall 2017 – Challenge Summary

Company	Industry	Challenge/Need
Aberdeen Publishing	Publishing	<ul style="list-style-type: none"> Seeking methods to engage readers to subscribe to payment readership.
Agents of Discovery	Gaming	<ul style="list-style-type: none"> Seeking ways to strengthen GPS technology in their location-based mobile game and improve navigation at indoor sites.
Atco Wood Products	Forestry	<ul style="list-style-type: none"> Need to develop a new use for woody biomass to optimize usage and provide benefits to mills and forests to handle residuals.
Austin Engineering	Engineering (Structural)	<p>Need:</p> <ul style="list-style-type: none"> A reliable method to generate power with lower volume of water during low flow periods. To extend the life cycle of current lead acid batteries so installation can operate for 20 years hassle-free.
BC Construction Association	Construction	<p>Seeking solutions for:</p> <ul style="list-style-type: none"> Skilled labour shortage. Lack of prompt payment on construction projects. Providing access to construction project opportunities.
BC Lottery Corporation	Gaming	<ul style="list-style-type: none"> Seeking ways to innovate their procurement process and seek non-traditional vendors to bid for opportunities.
FortisBC	Energy	<ul style="list-style-type: none"> Seeking ways to capture carbon from residential natural gas appliances (furnaces, hot water heaters, fireplaces, etc.).
FPIInnovations	Forestry	<p>Need:</p> <ul style="list-style-type: none"> To integrate low-cost connectivity in forest operations. To integrate remotely sensed data into augmented and virtual reality tools. To develop an Operational Data Standard for forest sector operations. To develop connected tools to support forest operations.
IBM	Software	<ul style="list-style-type: none"> Engaging the community to develop partnerships.

Lightship	Software	<ul style="list-style-type: none"> Sourcing implementation partners for sensor and network deployments that are localized and industry specific.
Ministry of Agriculture	Government Sector	<p>Seeking:</p> <ul style="list-style-type: none"> A viable controlled production system with substrate production and structures (tunnel-hoops). An innovative robot/technology to monitor greenhouse pipe rails. A way to integrate Blockchain into BC's agriculture, seafood, and agritech supply chain.
Ministry of Environment & Climate Action Strategy	Government Sector	<ul style="list-style-type: none"> Seeking emission reductions from innovative clean technology deployments to reduce energy consumption or waste, improve energy efficiency and switch the fuel source practices.
Nido Design	Construction	<p>Seeking:</p> <ul style="list-style-type: none"> Ways to use Sketchup to seamlessly integrate 3D design, construction documentation, energy modelling and construction pricing Innovations in manufacturing super insulated prefabricated roof, wall and floor panels Product innovations in energy-efficient homes such as energy systems and insulation, sheathing, cladding, framing and wallboard materials that could be incorporated into prefabricated assemblies.
Open Gaming Solutions	Gaming	<ul style="list-style-type: none"> Seeking a way to update millions of contest entries in real-time based on world events, requiring significant processing speed & a new approach to conventional data storage and manipulation.
Perfit Dental	Health	<ul style="list-style-type: none"> Seeking ways to bring digital technology, VR and more to dentistry to improve the patient experience and treatment options.
Points West	Health	<ul style="list-style-type: none"> Need a cohesive software platform for business management.
Rio Tinto	Mining	<ul style="list-style-type: none"> Seeking tech to support a 24-hour air monitoring system throughout Kitimat, including mobile measuring of very low SO2 levels.

Schneider Electric	Energy	<p>Need:</p> <ul style="list-style-type: none"> • A bot that can help convert leads to customers by directing relevant searches to solutions that match criteria • Optical recognition to convert schematics into working models.
Streamline	Transportation Technology	<ul style="list-style-type: none"> • Seeking partnerships to assist in their growth and development, specifically wireless and vehicle automation technologies that can make vehicles safer, cleaner and more productive.
TimberTracks	Tech Data	<ul style="list-style-type: none"> • Need tech to help with real-time analytics and dynamic value-added reporting.
Venture Kamloops	Economic Development	<ul style="list-style-type: none"> • Need a solution that collects and analyzes data, and customizes marketing strategies to attract individuals to the Kamloops community.

Have questions? Get in touch with us by emailing connect@bcic.ca.