We build innovations that matter.
We help organizations who want to...

- Create new products, services, experiences or business models
- Learn how to systematically innovate
- Explore future scenarios for their products or industry
- Exploit the latest tech to stay ahead of competitors
- Avoid disruption in their business
INTERESTED IN HOW NEW TECHNOLOGIES CAN TRANSFORM THE FUTURE OF YOUR BUSINESS?

Let us help you connect the dots.

Envisioning Labs is an award-winning innovation consultancy that assists organizations with designing futures and building innovations that matter.

Our expertise on emerging technologies and innovation methodologies allow us to empower our clients in creating value-added assets. These assets may take the form of new products, services, experiences or business models that ensure our clients remain relevant in their industry while staying ahead of the competition.
Our Focus

INVENTION — ENVISIONING SERVICES

INNOVATION — RESEARCH & DEVELOPMENT

COMMERCIALIZATION — CORPORATE INNOVATION

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WE HELP ORGANIZATIONS INNOVATE

Envisioning Services

Research & Development

Corporate Innovation Training

These are some organizations that have trusted our advice:

- Canada
- City of Vancouver
- Mosaic
- EPA
- U.S. Air Force
- British Columbia
- Proméxico
- Rusal
- Vancouver Aquarium
- Proméxico Trade and Investment

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We analyze and visualize how your products and services will be consumed and experienced in the future, how emerging technologies may be utilized to create more innovative offerings, and how your organization can beat disruption by exploiting these same technologies.

- Envisioning Video
- Envisioning Report
- Envisioning Experience

With an extensive network of consultants and partners, subject matter expertise on current technologies and knowledge of innovation methodologies our team is able to delve into R&D projects, and build proof-of-concept solutions for data, software or hardware components, or more likely a combination of these.

- Custom R&D projects
- SR&ED projects

The notion that innovation is the exclusive domain of large research budgets and geniuses is a myth. We teach a practical methodology that allows organizations to systematically determine where opportunities for growth lie and how to exploit them.

- Innovation Training
- Corporate Innovation Strategies
- Corporate Social Responsibility Innovation
See some of the innovations we have built
Research & Development

3D Printing and Additive Manufacturing

Organization:
National Research Council Canada

Challenge:
Our company won Canada’s “3D Printing and Additive Manufacturing: Metal Powder Bed Density Test Equipment” challenge organized by Innovative Solutions Canada and sponsored by the National Research Council. The latter organization was seeking new solutions to enable the testing of metal powder bed density in additive-manufacturing processes.

Solution:
We developed a gravimetry-based, precision test equipment prototype capable of determining the density of each 3D printed layers in an additive-manufacturing process. The final objective of the project is to commercialize a device that helps 3D print complex metal pieces in the aerospace, manufacturing, transportation and healthcare industries.
**Organization:**
Microsoft

**Challenge:**
Foster Microsoft’s internal innovation in the Customer Service and Support division while leveraging tech transfers from the company’s Research Division.

**Solution:**
Our consultants assisted in the establishment of the first Innovation Lab for Customer Support in one of the largest software companies in the world. The project involved the design, implementation and deployment of an internal innovation entity that collected ideas from 8,000 employees worldwide. We were involved in setting up the mechanisms for curating, triaging, prototyping and deploying proof of concepts for new products and product features.
Digital Twin / AI Assistant

BONN-ie

Client:
T-Mobile / Deutsche Telekom

Challenge:
How can digital technologies and sensor data make cities more livable for their citizens, especially those that are disadvantaged? HeroX and Deutsche Telekom Challenge.

Solution:
Our award-winning solution proposed a smart city assistant for the city of Bonn, Germany that is customized for every citizen and visitor, using any language and accessible through mobile devices & public kiosks.
envisioning
VANCOUVER 2025

Organization:
City of Vancouver

Challenge:
City of Vancouver’s Mayor Gregor Robertson commissioned Envisioning Labs to run an innovation workshop in order to propose technological solutions to address a social concern in the city: urban poverty.

Solution:
Envisioning Labs facilitated an idea hackathon and innovation workshop that brought in professionals from diverse backgrounds and from several organizations including Microsoft, SAP, the British Columbia government, Vancity, NGOs and local hi-tech startups. The workshop rendered a total of nine proposals that were submitted to the City. Ideas ranged from digital wallets to poverty tracking and alleviation using a mix of low-tech and hi-tech (big data and machine learning) solutions.
Innovating for Employment Success

Organization:
British Columbia Ministry of Social Innovation / MOSAIC

Challenge:
Reduce underemployment of professional Canadian newcomers in their initial five years in the country.

Solution:
Envisioning Labs crafted the design of a new service/business model that allowed new immigrants to gain experience in their field of expertise as soon as they landed in the country. We trained new Canadians in innovation methodologies that they used in solving real-world projects provided by sponsored companies. Participants gained immediate Canadian experience in professional projects thereby boosting their resumes and employability, while sponsor companies were able to obtain proof of concepts of an innovation that positively impacted their businesses.
Innovation Training

MARINE MONITORING

Organization:
Ocean Networks Canada

Challenge:
Raise awareness of efforts to protect ocean wildlife while engaging the public in maritime monitoring.

Solution:
Envisioning Labs facilitated an innovation workshop and training sessions with marine biologists, developers, researchers, designers and members of the Vancouver Innovation Labs. The resulting ideas and prototypes ranged from live gamification of shark monitoring to crowdsourced harmonization of research data.
Organizations: 
Ombrae Studios

Challenge: 
Luxury brands like Lamborghini and Louis Vuitton use our client’s technology to produce samples that took up to a month to produce. We were tasked with ideating a process and developing a cloud-based application to cut down prototyping time and simplifying the back-and-forth communication after a sample was delivered.

Solution: 
We developed a cloud-based platform that allows any user with little or no training to build online prototypes and preview final products in real-time. The solution was able to cut down prototyping times by 80% as users were creating, tweaking and visualizing the samples themselves before committing to production.
R&D: Artificial Intelligence

SPEECH RECOGNITION

Organization:
Vancouver Aquarium

Challenge:
Produce an interactive installation for the beluga whales in the Aquarium by which visitors can interact and ‘talk’ with the animals.

Solution:
Developed a prototype of an AI speech recognition software for beluga whale vocalization that could transcribe basic sounds emitted by the mammals into visualizations that the public could interact with.
Augmented Reality

AR TOURISM

Organization:
Destination Canada (target)

Challenge:
Build the next generation of self-guided tour guides using augmented reality (AR)

Solution:
Mobile application of an augmented reality virtual tour guide that leads the user through the major landmarks of Vancouver and their stories.
Organization: University of British Columbia

Challenge: The University of British Columbia through the Centre of Interactive Research on Sustainability commissioned Envisioning Labs to understand the commercial opportunity for the development of mobile & cloud applications for sustainability awareness in smart buildings.

Solution: Envisioning Labs was hired to conduct an innovation discovery project with the Centre’s executive team and assisted in pinpointing the business opportunity that laid the foundation for the subsequent development of digital tools.
**Organization:**
Simon Fraser University

**Challenge:**
Envisioning Labs participated in Simon Fraser University’s Ideas Competition addressing sea level rise. The main objective was to come up with creative ideas to mitigate the imminent effects of sea level rise due to climate change in the Metro Vancouver area.

**Solution:**
We developed a mathematical algorithm that assigns a tradable risk currency to properties that are expected to be submerged, affected by floods or become coastline. Our team proposed the core principles of a new economy that is based on the risk of property submergence as a direct consequence of sea level rise.

**CLIMATE CHANGE CRYPTOCURRENCY**
See us in action
We also run these **communities**:

**vancouver INNOVATION LABS**

**vancouver CORPORATE INNOVATION group**
About the Vancouver Innovation Labs

Envisioning Labs has been running the Vancouver Innovation Labs since September 2013; it is an open platform for anybody interested in discussing and learning about new technological trends and their potential application in business, society and the environment. The group has attracted an eclectic mix of technologists, sociologists, researchers, designers and overall innovation enthusiasts.

About the Vancouver Corporate Innovation Group

The Vancouver Corporate Innovation Group has a central mandate of assisting intrapreneurs (corporate innovators) with their mandate of generating value in their respective organizations by creating new products, services, experiences and business models.

Topics covered

- Envisioning Vancouver 2025
- Internet of Things
- Nanotechnology
- The Value of a Transdisciplinary Mind
- Social Innovation
- Advanced Materials
- Robots & Androids
- Incremental & Radical Innovation
- Bitcoin and Financial Engineering
- Big Data
- The Future of Healthcare
- Cloud Scale Machine Learning
- Innovation Trends
- Virtual & Augmented Reality
- The Future of Work
- Disruptive Technologies
- Genomics
- Quantum Computing

Membership expertise

- Business
- Information
- Technology
- Web Technologies
- Design
- Big Data
- Finance
- Marketing
- Engineering
- Innovation
- Mobile Technologies
- AI/Robots
- Healthcare
- Art
- Genetics
- Hardware
- Material Science
- Product Design
- Social Science
- Sustainability
- Bioinformatics
- Economics
- Electronics
- Industrial Design
- Investment
- Life Sciences
- Physics
- Research
- Telecommunications
- TV & Film
- Law
- Transportation
- 3D Technologies
- Accounting
- Agriculture
- Architecture
- Biotechnology
- Government
- Social Innovation
- Urban Planning
- Visual Analytics
- Wearables

Membership

2,000+

Organizations we’ve worked with

- Microsoft
- City of Vancouver
- Plenty of Fish
- Ocean Networks
- Canada
- Canada’s Digital Media Centre of Excellence
- Ombrae Studios
- NGRAIN
- NASA
- IBM
- SAP
- UBC
- MistyWest
- CityAge
- SOHO Business
- Group
- MakerLabs
- BDO
See what some people think of us, *curious* people =]

- smart
- talented
- inquisitive
- odd
COUNCILLOR KERRY JANG

Testimonials

Envisioning Vancouver 2025 - Councillor Kerry Jang, City of Vancouver

"We tackled a problem that's been around for centuries in a very new and different way"

https://youtu.be/Xq5CHfSNBhE
WHY WORK WITH US?

Testimonials

https://youtu.be/Fa2fZWpdLD0

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