



MEDTEQ+
Innovation for Health

2024-2025 Annual Report

Financial Partners

Québec 

Canada 



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Message From the Chair of the Board of Directors

Never before have supply chains and purchasing policies been so badly affected as by the decisions south of our border. The coming year 2025-2026 will therefore have to rise to the challenge of further enhancing our capacity to innovate and create wealth based on our own skills and know-how.

The healthcare sector accounts for nearly half of the government's public spending. It is a vast market that will have to reevaluate its purchasing practices in order to favor Quebec and Canadian companies and protect our economy from the upheavals caused by our neighbour's dictates.

To achieve this, innovation, which is at the heart of our mission in the healthcare sector, will be called upon to play a driving role in pursuing these objectives in several ways:

- › By mobilizing key players in the ecosystem around the importance of always striving to do better, sometimes even with less;
- › By carrying out innovative technology projects that will help make certain clinical procedures more efficient;

- › By drawing on our strong expertise in areas such as AI, telecommunications, and augmented reality; and
- › By approaching the market differently, particularly through value-based procurement that will have a real impact on the quality of care.

These are just a few of the considerations that will guide our future actions to free ourselves as much as possible from our past dependencies. We will need to be bold and maintain the resources allocated to innovation in order to capitalize on ideas from research centers and encourage local businesses to create value and high-qualified jobs.

MEDTEQ+ echoes the broad consensus emerging from economic sectors across Canada and is therefore committed to continuing its efforts to support its members in this changing and unstable environment. Our achievements over the past year demonstrate our ability to rise to this challenge.



François Bastien, Eng.

Chair of the Board of Directors

MEDTEQ+

Message From the Chief Executive Officer

The past year has been marked by significant advances for MEDTEQ+, both strategically and operationally. We have seen a notable increase in the number of projects supported, a direct reflection of the vitality of our ecosystem and the relevance of our support for innovation in health. Thanks to our collective efforts, we are contributing more than ever to transforming ambitious ideas into concrete solutions that benefit patients, health systems, and the Quebec and Canadian economies.

This year has also been one of renewal. We unveiled a new brand image that reflects our mission, our agility, and our commitment. This transformation was accompanied by a complete overhaul of our website, which is now more accessible, intuitive, and aligned with the needs of our members and partners.

Our partnerships, which are growing in number and diversity, demonstrate our commitment to catalyze the efforts of all players in the ecosystem. In this regard, the launch of the Femtech call for projects generated remarkable enthusiasm, confirming the importance of supporting health innovations that align with our values of equity, inclusion, and sustainable transformation. We are also very proud of the progress made by the RÉIS and envisAGE initiatives, which illustrate our ambition for transformative innovation that is wide-ranging, inclusive, and has a strong societal impact.

This year, we have begun structural work on our governance and on developing a new range of services designed to better meet the evolving needs of our members, strengthen

our added value, and maximize the impact of our collective action.

I would like to express my gratitude for the renewal of our funding as a *Regroupement sectoriel de recherche industrielle*, an important recognition of the value that MEDTEQ+ brings to the health research and innovation ecosystem.

I cannot overlook the tremendous resilience, ingenuity, and hard work of our members, who face challenges with strength and optimism while continuing to pursue new markets. The entire team is here and fully committed to supporting them and working hand in hand with them to identify concrete solutions, while mobilizing key partners who will contribute to their success. In addition, we would like to express our deep gratitude to the scientists, clinicians, and entrepreneurs who generously devote their time to rigorously and diligently evaluating the projects submitted to us. Their informed perspective and the wealth of expertise they so generously offer are essential to the quality and credibility of our selection process.

None of this would be possible without the exceptional dedication of our MEDTEQ+ team, the constant involvement of the management committee, and the strategic role of our board of directors, whose unwavering support and sound advice actively contribute to our success.

Thank you to everyone who makes this mission possible, day after day.



Annie-Kim Gilbert, Ph. D.

Chief Executive Officer

MEDTEQ+

MEDTEQ+ Profile



Mission

Powered by collaboration, MEDTEQ+ helps health technology companies bring their innovations to market, accelerates economic growth and contributes to improving the health of the population.

Vision

With its unique expertise, strong network and distinctive service offering, MEDTEQ+ is a world-class Canadian reference in the field of health technologies.

Values

Audacity

MEDTEQ+ believes that boldness drives our innovation and that revolutionizing medical technology requires daring to think differently and pushing established boundaries. Boldness drives us to explore new ideas, take calculated risks, and turn challenges into opportunities. We are committed to being at the forefront of research and innovation deployment to improve healthcare and make a real difference in people's lives.

Collaboration

MEDTEQ+ promotes collaboration between various stakeholders in the field, such as researchers, businesses, healthcare professionals, and decision-makers. Cooperation between these stakeholders is essential to foster innovation and accelerate the development and commercialization of health technologies.

Agility

To navigate a constantly changing environment, MEDTEQ+ values the ability to adapt quickly to change, respond flexibly to challenges, and seize emerging opportunities. By promoting a dynamic and responsive approach, we can effectively meet the evolving needs of the healthcare field.

Excellence

MEDTEQ+ strives for excellence in all its activities. This translates into high-quality research, strategic partnerships with renowned experts and institutions, and a constant drive for improvement and innovation. MEDTEQ+ promotes ethical and honest practices in all its activities. We encourage transparency, honesty, and adherence to the highest professional and ethical standards.

Creation of Value

The goal of MEDTEQ+ is to generate a positive impact in the field of medical technology and healthcare. We aim to improve patients' lives, contribute to the efficiency of healthcare, and stimulate economic growth by promoting the development and commercialization of innovative technologies.

Our Strategic Directions for 2024-2027

- 1 Enhancing** our service offering
- 2 Optimizing** operational efficiency and governance
- 3 Consolidating** our financial structure
- 4 Strengthening** strategic alliances
- 5 Promoting** expertise and created value

In addition to these five strategic priorities, MEDTEQ+ has also defined **three cross-cutting areas** that will influence its decisions and actions.

Inclusive Health

MEDTEQ+ is committed to promoting equitable access to innovative medical technologies across different regions and population groups and to supporting the creation and deployment of medical devices tailored to the specific needs of people with special needs.

Environmental Responsibility

MEDTEQ+ is committed to supporting the actions of the organization's sustainable health committee with regards to internal awareness campaigns promoting eco-responsible actions such as carpooling, responsible consumption of goods, recycling initiatives, and favouring the purchase of eco-friendly or local products, considering their life cycle and environmental impact.

Interoperability

MEDTEQ+ is committed to raising awareness among its members about the development of technological solutions that promote interoperability and to take this into account when evaluating projects.

MEDTEQ+ at a Glance

The last quarters of 2025 have been particularly difficult for all economic sectors, and the field of health technologies is no exception. To provide greater support to innovators, the organization redoubled its efforts to accelerate the implementation of its strategic priorities while continuing its mandate to support and position health technologies, both locally and internationally. Our goal remains to contribute to the improvement of healthcare in Quebec, Canada, and globally by supporting collaborative research and local entrepreneurs through the innovation cycle from concept to commercialization for the greater benefit of the population.

During the last fiscal year, the MEDTEQ+ team supported **more than 150 projects**, including 49 from the FSISSS program, 62 from our regular call for projects and artificial intelligence as an industrial research cluster, 15 projects under the envisAGE initiative, 6 projects from the Orbit Health program in collaboration with the Canadian Space Agency, 8 projects in the Vitrine en santé program, and 12 projects in development in healthcare institutions through the Réseau d'évaluation et d'innovation en santé (RÉIS). The total value of the projects **exceeds \$104M**, including nearly \$42M in grants and nearly \$47M in investments from the private sector and other sources of funding.

153

projects underway
in 2024-2025

\$120M

total value
of projects

\$47M

of private
contributions in
ongoing projects

\$42M

of government
contributions in
ongoing projects

This year alone, in completed projects

20+

innovative solutions,
processes,
and practices
implemented

130+

publications

70+

students trained in
completed projects

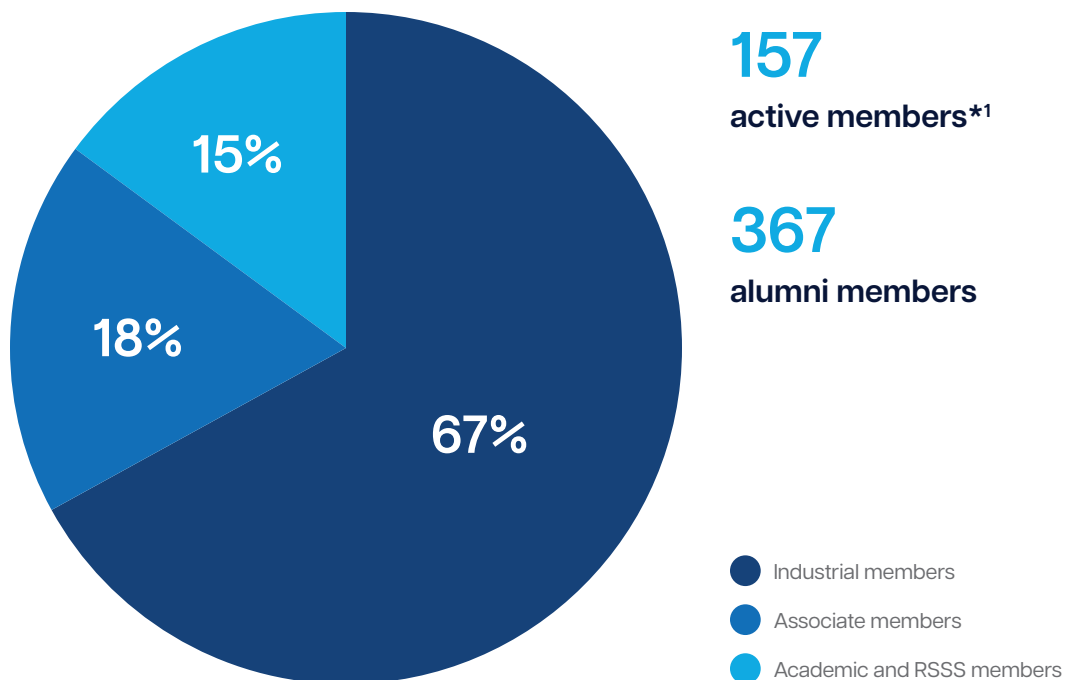
30+

jobs created or
maintained in the
companies involved

Since its creation, MEDTEQ+ has coordinated approximately **50 calls for projects** and supported **more than 260 innovative projects** thanks to provincial and federal government support totalling **more than \$180M** through various grant programs, which has led to the implementation of **nearly 480 innovations**. These projects have involved **more than 200 industrial and institutional**

partners, enabling its industrial members to accelerate their technological developments. In addition, MEDTEQ+ has encouraged significant knowledge transfer. Through its various programs, **nearly 800 students**, ranging from master to postdoctoral levels, are or have been trained, and the collaborative projects supported by MEDTEQ+ have resulted in **more than 530 publications**.

MEDTEQ+ Can Count on a Community of Committed Members



1 Data and graph as of March 31, 2025

Strategic Priorities

After more than 13 years of serving industrial and collaborative research and driving innovation toward commercialization, MEDTEQ+ established priority areas of action during its last fiscal year to update its mission and, above all, to

continue its efforts to support the life sciences ecosystem in Quebec and Canada. These broad strategic directions have been translated into various concrete action plans, each of which aims to achieve ambitious but realistic objectives.

Enrichment of Service Offering



The reality of health technology sector members has changed significantly, as have their needs. As a non-profit organization, our mandate goes beyond supporting the development of collaborative projects between industry, research, academic, and clinical communities. Over the years, we have developed funding and pre-commercialization tools to expand our role. With the many lessons learned in recent years and feedback from our members, we have analyzed our service offering, validated the relevance of certain orientations with the ecosystem, and adjusted our approach to meet the needs of members in the innovation continuum from idea to market.

Identifying the Needs of our Members

SMEs in Canada's MedTech sector face recurring challenges that hinder their development and limit their impact on healthcare systems:

1 A Fragmented Commercialization Pathway

Companies find it difficult to move from the laboratory to the market: the stages of clinical validation, re-regulation, and adoption are complex, lengthy, and poorly coordinated.

2 Limited Access to Strategic Partners

Collaborating with the right stakeholders—clinicians, hospitals, decision-makers, manufacturers—is crucial, but young companies often lack the network and credibility to do so on their own.

3 Unmet Financing Needs

Sources of capital suited to the long cycles and specific risks of MedTech are rare, particularly for the clinical validation and market entry phases.

4 Support that is too Generic

The entrepreneurial support offered to companies is often disconnected from the specific realities of health technologies: regulatory requirements, integration into care pathways, clinical evidence, etc.

An Enhanced Service Offering: Networking – Financing – Coaching

To respond to these challenges in a coherent manner, MEDTEQ+ has structured its service offering around three main areas:

Networking

Targeted networking with strategic partners—clinical, academic, industrial, and institutional—to accelerate collaborative innovation and technology adoption

Creating Strategic Partnerships

Collaboration remains central to MEDTEQ+'s approach and has been the hallmark of the organization's success for several years now. By joining forces with key partners in the ecosystem, we can support the development of innovation projects on several fronts. The Quebec and Canadian ecosystem in life sciences and business support is vast, and the expertise of each of its components is essential to the economic growth and consolidation of this sector.

Both start-ups and established companies need easier access to a skilled ecosystem:

- Young companies struggle to identify real needs in the field and lack points of contact to validate them.
- Large companies are looking for agile but proven partners with whom to co-develop complex solutions.
- Clinical environments, though essential (access to data, validation in real-world settings) are often overwhelmed and ill-equipped to collaborate effectively with innovators.

To break down these silos, we have implemented tools such as the Beachhead™ and RÉIS networks, and are increasing targeted connections between companies, clinicians, researchers, manufacturers, and decision-makers.

Unique, Robust Evaluation Networks

MEDTEQ+ provides its members with validation networks designed to assess relevance, test technology in real-world settings, and obtain evidence to better meet user needs, ensuring that innovations are rigorously tested and tailored to market requirements.

The Beachhead™ network, launched in 2017 with funding from the CECR mandate, is unique and now includes more than 20 centres of expertise, including nine within the envisAGE initiative, thanks to support from the Canadian government's Strategic Innovation Fund, to support the validation and evaluation of AgeTech technologies. In addition, since the deployment of the Réseau d'évaluation en innovation en santé (RÉIS) in 2021, MEDTEQ+ member companies have benefited from strategic support in clinical validation to solidify their value creation through real-world evidence, enabling accelerated adoption of new health solutions.

Coaching

Services tailored to the healthcare sector (regulation, clinical strategy, marketing plans, market access) to equip entrepreneurs at every critical stage

Offering Expertise Focused on the Challenges of the Sector

The health technology sector requires specific support:

- Too many companies develop solutions in tech-push mode without anchoring them to a validated clinical need.
- Business models must incorporate crucial and distinct elements relating to regulation, reimbursement, interoperability, data security, and adoption cycles.

- Clinical environments must be supported to play their validation role, within timeframes compatible with the companies' progress.

MEDTEQ+ can count on the unique expertise of a team of business support experts with an excellent understanding of healthcare networks, regulations, and the innovation to support the development of collaborative projects. It can therefore assist companies in implementing their business plans, intellectual property strategies, marketing strategies, clinical validation strategies and market entry, with an integrated and specialized approach.

Financing

Grants for collaborative projects, public-private co-financing, and venture capital to support key stages of development, validation, and commercialization

Supporting Critical Stages with Tailored Tools

Companies in the MedTech sector are faced with long, capital-intensive processes and high regulatory barriers, which requires support from a team and partners who understand this reality.

- Sales cycles are slow, validation phases are long, and access to early customers is difficult, particularly in Canada.
- Specialized investors are rare, and many generalist funds lack understanding of specific issues.

- Too often, companies are unable to find a lead investor capable of analyzing risk and mobilize syndication.

MEDTEQ+ wants to continue offering funding opportunities to support companies from innovation to commercialization whether through its grant programs or with the support of external investors. We offer a range of non-dilutive financing, venture capital investments, and public-private partnerships to derisk the path to market.

By structuring our offering around these three areas of **networking – financing – coaching**, we are strengthening our ability to develop innovative healthcare solutions that are adopted by the system and capable of competing on a global scale. This also allows us to simplify our service offering to make it easier to understand and to tailor our

approach to the actual needs expressed by our members, which differ from start-ups to large companies.

This new structure makes our offering simpler, more agile, and better aligned with the real needs of the companies we support. It strengthens our mission.

Optimization of our Operational Efficiency and Governance

To pursue its mission and various mandates, the organization, with the help of external firms, has identified process improvement as one of its key areas of focus: a project that will continue until the end of this strategic plan in 2027. Already this year, an organizational assessment has been put in place to identify areas for improvement to enhance member's experience, maximize the launch of calls for projects, and support collaborative projects. The review of processes will support the growth of the team and maximize our impact. This major project will continue as a priority during the 2025-2026 fiscal year to support the growth of the organization.

A major review of governance practices was also carried out, resulting in several deliverables, including the creation of a welcome guide and a code of conduct for administrators, the revision of the general regulations that led to the delegation of authority charter from the Board of Directors to the CEO, compliance with Law 25, and the change of the organization's official name from Consortium MEDTEQ+ to simply MEDTEQ+. All of these elements help to solidify the organization's foundations and maximize the important and essential contribution of our board members in achieving its mission. Although compliance and governance are more internal mechanisms, they are essential to the proper functioning of an organization such as MEDTEQ+.

Consolidation of our Financial Structure

As a non-profit organization, MEDTEQ+ ensures its sustainability through membership fees and management fees associated with collaborative projects supported by provincial and federal government grant programs. However, in the current economic climate marked by political instability and reduced public finances, the organization aims to diversify its sources of funding.

To this end, MEDTEQ+ is expanding its services and partnerships within the ecosystem and, for the first time since its creation, has indexed its membership fees. These measures are intended to strengthen the support offered to its members, consolidate its internal expertise, and maintain its economic role.

Strengthening our Strategic Alliances and Partnerships

To expand its mission both within the province and across the country, MEDTEQ+ can count on key partners who strengthen the positioning of its ecosystem. This year, several initiatives were launched to ensure the deployment of these strategic alliances and enrich them.

In the last fiscal year alone, MEDTEQ+ established new partnerships both within its core activities and through the envisAGE initiative.

- > Leyton
- > First Line in Health
- > The ASSESS Project
- > National Research Council of Canada
- > Osler, Hoskin & Harcourt
- > Mitacs
- > Can Health
- > Cap Inclusive

Promoting Our Expertise and Creating Value

Promoting the expertise of the MEDTEQ+ network and the concrete benefits of the projects it supports is an essential lever for recognizing the value of health innovations. It contributes directly to the mission of supporting commercialization, while strengthening the credibility of companies and solutions emerging from the ecosystem.

MEDTEQ+ is stepping up its strategic communication efforts and focusing particularly on storytelling about collaborative projects to illustrate in a tangible way the economic, clinical, and social impact of the innovations that MEDTEQ+ supports.

Highlights of the Last Year

Mid-term Review of the SQRI² and Renewal of the RSRI Grant Agreement



The mid-term review of the 2022-2027 Quebec Research and Innovation Investment Strategy (SQRI²) was presented at the “SQRI² Perspectives: Mid-Term Review” event held on October 11, 2024. This event, organized by the Ministère de l'Économie, de l'Innovation et de l'Énergie (MEIE) in collaboration with the Fonds de recherche du Québec, the Conseil de l'innovation du Québec, and Investissement Québec, aimed to take stock of the first two years of the strategy's implementation. It provided an opportunity to discuss the challenges met and the actions to be taken to maximize the impact of the strategy by 2027.

Then, on March 24, 2025, the Minister for the Economy, Christopher Skeete, announced the renewal of funding for the Regroupements sectoriels de recherche industrielle (RSRI), which promote innovation in nine key sectors of Quebec industry, and confirmed the allocation of \$21M over three years to ensure the operation of these nine collaborative research support organizations.

“RSRIs play an important role in everything related to collaborative research. They set up projects, support SMEs, and help bring their projects to fruition. The result of their intervention is more innovation, more [production] capacity, and more productivity.”

Christopher Skeete, Minister for the Economy, Minister responsible for the Fight against Racism, and Minister responsible for the Laval region. Source: Le Devoir.

MEDTEQ+ Receives Excellent Evaluation

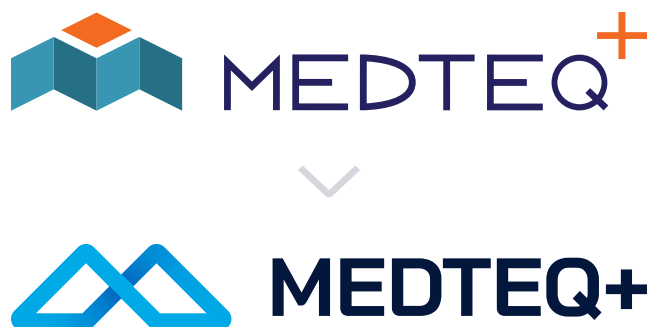
In addition, in July 2024, the Quebec government published an evaluation of MEDTEQ+'s results for the period from April 1, 2018, to March 31, 2023. This evaluation highlights that MEDTEQ+ exceeded its objectives, with investments of **\$86.8M** in **171 research and development projects** involving **132 companies** and **66 organizations**. It also highlights the creation of **357 jobs**, the training of **421 students**, the publication of **611 scientific articles**, and **more than 11,743 outreach and transfer activities**.²



² Source : Évaluation - MEDTEQ+ | Gouvernement du Québec

Launch of our New Brand Image

To support the organization's dynamic positioning, the decision was made to revamp MEDTEQ+'s brand image to better reflect our strategic ambitions and organizational objectives. With this change, we wanted to embody a more contemporary vision that is aligned with our values. This new identity – **a streamlined logo, modern colours, and an accessible tone** – demonstrates our desire to connect with our ecosystem more than ever before. This change marks an important step in our strategic repositioning and reinforces our commitment to continue supporting our members in the continuum of innovation, while strengthening what has defined our identity since our founding. This colossal undertaking, carried out entirely by internal teams, also included a complete overhaul of our communication and documentation tools.



Significations

Letter M

You can see the letter "M," the first letter of MEDTEQ+. It is also a reminder of the previous logo.

Infinity

The cycle of innovation is always continuous. MEDTEQ+ can intervene at any level of development.

Summit

Cutting-edge, high quality, refined, research and strategy.

Bridge

MEDTEQ+ is the link between several stakeholders.

Process

Certain standards and guidelines regulate the healthcare technology development process.

New Website

With a modernized brand image, the communications team was also heavily involved in the complete overhaul of our website, the main showcase for all our initiatives, services, and projects. With an aggressive timeline of just over six months, the team enlisted the help of a firm specializing in web platform creation, and the new website went live on January 26, 2025.

This new platform focuses on making information more accessible and improving the user experience to provide a better understanding of our service offering and our various mandates. In addition to being more user-friendly, the new site offers new ticketing features, simpler navigation, greater emphasis on our impact, and more powerful analytics. The addition of instant chat also reduces the flow of email requests and respond more accurately to needs.



Implementation of the RÉIS Mandate



RÉIS

Réseau d'évaluation et de l'innovation en santé

The past year has been an opportunity to roll out the Réseau d'évaluation et d'innovation en santé (RÉIS) more concretely within the six partner healthcare institutions. With its new website, RÉIS now has a single point of entry for companies wishing to validate their technology in a real healthcare setting. The RÉIS team has also created a toolkit to facilitate and support project monitoring and follow-up. These two elements are important milestones in ensuring optimal coordination of the network. As a result, since the beginning of its mandate, RÉIS has supported the launch of more than 33 collaborative projects and held numerous working groups to structure and simplify coordination, including a specific working group on collaboration between incubators and accelerators, with RÉIS. As the agent for this mandate, MEDTEQ+ helps facilitate access for innovators to test, validate, and iterate their technological innovations, as well as obtain evidence to help them move toward market entry and ensure the robustness of their solutions. Once again, the RÉIS organized its annual gathering on May 17, 2024, to bring together the various stakeholders and enhance its service offering. Last year was an opportunity for the

RÉIS to build closer ties with private and community health sectors to support broader collaboration between businesses and the health ecosystem.

6

establishments

\$10M

total value

40

companies involved

12

projects in development

33

industrial projects

This year, more than 40 companies are involved in projects with RÉIS, which has led to the implementation of 33 industrial projects, in addition to 12 projects currently in development. More than 70% of these projects are in the real-world healthcare evaluation stage, which allows the companies involved generating the evidence that will support their commercialization. The companies are active not only in the execution of projects, but also, through governance committees, in maintaining and developing a vision that aligns industrial needs with the network's requirements.

List of companies with a project launched or under development with at least one of the RÉIS institutions:

Ora Medical - LIVING SAFE - ENCEPHALX - GRAY ONCOLOGY - Dok2U - Kairos_Neurolution Group - MASIMO - Hololens - Certifika - Propulsion_Onco-Expert - Infineis - FrankSim - ASSISTYV - DIVOCCO - OXYNOV - PETAL - EMOSCIENS - Bio6 - Vig-Ixia - BipedOrtho - Eugeria - Sounduct - Azimut Medical - Virtuouse Technologies Inc. - TSA Servio Integration - Amylior - Sentiom - PCMD Medical Equipment - DSEPortable (9302913 Canada Inc.) - Amical - Braver - Gravity - Gray OS - Nosotech - GroupeNeuro XR - EyeClick - 16bit.ai - BioTwin - VitalHub - AlayaCare

CEOs Club: a New Community of Practice

In partnership with Axelys, iGan Partners, and Seido Capital, MEDTEQ+ has launched the brand-new Digital Health CEO Club, a community of practice reserved for leaders of Canadian health technology companies. This is a brand-new initiative developed by the organization to respond to the real needs expressed by the ecosystem.

Through this program, each quarter, selected entrepreneurs can share their challenges in a supportive environment to discuss potential solutions and benefit from best practices in their sector. The Club supports the emergence of a new generation of Canadian entrepreneurs in health technologies, with the aim of multiplying successes. It is an exclusive platform where leaders of young digital health companies can collaborate, exchange ideas, share their knowledge, and access key resources to overcome growth challenges. For MEDTEQ+, these meetings also provide an opportunity to update field data, take the pulse of companies, understand their challenges, and review our development and support strategies. Ultimately, the MEDTEQ+ team aims to write white papers based on these learnings, which will become references in innovation and commercialization.

On February 13, 2025, MEDTEQ+ held its third meeting, bringing together companies such as Neuro Solutions Group, Ditch Labs, LifeEngine Technologies, Modulate Technologies, Nanofacile, MY01, and FLEEXER.

During this meeting, Christopher Kent shared his experience and insights on the topic of «working with strategies.»

Among the many lessons learned:

- 1 Formalize the corporate culture on day one. Before growth, otherwise it may become chaotic, with new recruits risking deviating from the embryonic culture.
- 2 Multinationals are slow, but they still pivot faster than the clinical deliverables they impose on their partner companies... this misalignment can be rapid and fatal.
- 3 And a classic, but one that bears repeating: venture capitalists invest in a story: with heroes (the team/ founders), a challenge to overcome (product/ market fit), and a happy ending (lots of money).



A Remarkable Year in Terms of Coaching and Launching Calls for Projects

ORBIT • HEALTH

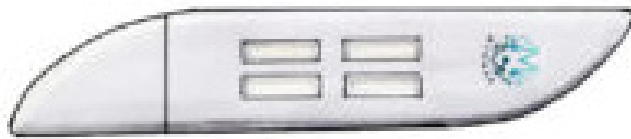
In July 2024, Canadian companies [Deep Breathe Inc.](#), [Applications MD](#), [Momentum Health](#), [Nura Medical](#), [EcoGene21](#), and [Myoma Molecular](#) were selected as part of the first call for projects under the [Orbit Health](#) program powered by [MEDTEQ+](#), which aims to support Canadian companies in developing technologies that address telemedicine and healthcare autonomy needs on Earth and in space.

- > **Frontier Lung:** real time, portable, AI-based pulmonary ultrasound from Deep Breathe Inc.
- > **EZResus Spatial:** Resuscitation assistant to save lives in space and remotely from the company MD Applications

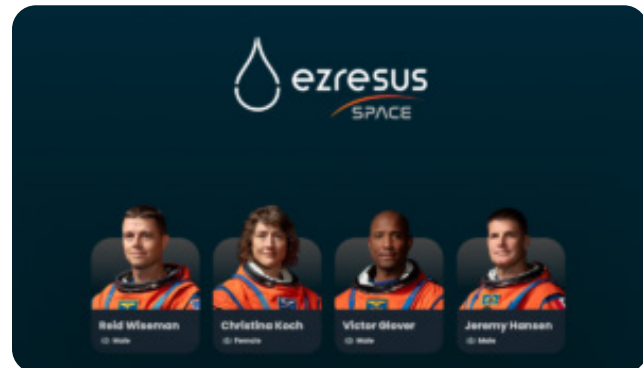


- > **Momentum Spine:** AI-powered imaging platform to remotely monitor and diagnose astronauts' spinal health over time from **Momentum Health**
- > Body mass measurement and decision support system to reduce medication errors in remote areas from **Nura Medical**
- > Biocapsule for transporting and storing fragile therapeutic and/or biological products from **EcoGene-21**
- > Point-of-service system for comprehensive muscle health assessment and remote monitoring from **Myomar Molecular**

Thanks to financial support from the Canadian Space Agency through the Global Grants and Contributions Program in support of space science and technology research, awareness, and education, a total of 56 Canadian companies expressed interest in the program, 33 projects were submitted, and nearly 407 experts were called upon to evaluate the projects. Each technological solution was then evaluated by an evaluation committee composed of 49 evaluators from various backgrounds. The selected projects come from companies located in three Canadian provinces: Quebec, Ontario, and Nova Scotia, demonstrating once again MEDTEQ+'s ability to mobilize the Canadian ecosystem in the health technology sector.



Visual : Myomar Molecular



Visual : Applications MD

"Innovation in space medicine is crucial to the success of exploration missions to the Moon and Mars. What we must also recognize is that these investments will enable cutting-edge technologies to meet real health needs in Quebec and across Canada. Technologies developed for space, but with concrete applications for improving health on Earth."

Annie-Kim Gilbert, Ph.D., President and CEO MEDTEQ+

6

projects from
3 provinces

\$650 000

private sector
contribution

\$2M

total value
of projects

\$1,5M

federal government
contribution

The Launch of the FemTech Call for Projects



Following discussions with several partners, MEDTEQ+, together with Christopher Skeete, Minister for the Economy, Minister responsible for the Fight against Racism, and Minister responsible for the Laval region, launched the first call for FemTech projects as part of the 18th edition of the Forum de l'industrie en santé de Québec (FISQ). This thematic call for projects, overseen by our IMPACT envelope, generated exceptional interest, with more than:

- > 48 companies met (QC, BC, Alberta, France, US)

- > 17 researchers met to understand our funding mechanisms
- > 12 organizations met to explore higher-level collaborations as part of the Femtech call
- > 1 partnership created - Cap Inclusive

"It is important for our government to provide an environment conducive to the growth of life sciences companies, a strategic sector in Quebec. By supporting the MEDTEQ+ initiative, we are stimulating innovation in health and the development of technologies that will contribute to improving women's well-being."

Christopher Skeete, Minister for the Economy, Minister responsible for the Fight against Racism, and Minister responsible for the Laval region.

envisAGE: 15 Collaborative Projects

In October 2024, MEDTEQ+ and AGE-WELL announced 15 collaborative projects as part of the envisAGE initiative, which aims to improve the quality of life of older adults through Canadian innovations. These projects involve 15 SMEs and 11 organizations across Canada, with a total investment of nearly \$17M, including \$4.3M from the Government of Canada. Each project brings together an SME, an academic partner (Beachhead envisAGE or an envisAGE Innovation Hub), and a community lab to test and deploy AgeTech solutions.

"Our government wants to offer Canada's seniors the best possible prospects for health and well-being, and to do so, it is essential to leverage innovation. These first projects carried out under envisAGE demonstrate the power of collaboration"

to rapidly grow small and medium-sized businesses at the cutting-edge of AgeTech and make them the leaders of tomorrow's industry. This investment will help ensure that Canada becomes a leading player in this sector and that Canadian seniors continue to benefit from these innovations."

The Honourable François-Philippe Champagne, Minister of Innovation, Science and Industry Canada."



Program Overview

Once again, MEDTEQ+ has supported numerous collaborative projects in Quebec through various support programs and a network of partners. MEDTEQ+ continues to encourage partnerships between academia, institutions, and industry, in addition to strengthening the technological innovation capacity of businesses and stakeholders.

In Quebec

Collaborative Projects Underway in 2024-2025

Program	Call	Projects	Total Value	MEIE Contribution
IMPACT	Regular (TRL 1-3)	24	\$29.3M	\$8.1M
IMPACT	Regular (TRL 4-6)	14	\$7.4M	\$1.6 M
IMPACT	Regular (SME)	10	\$14.9M	\$5.2M
IMPACT	Regular (GE)	1	\$0.2M	\$0.04M
IMPACT	PARTENAR-IA Academic	5	\$6.4M	\$2.0M
IMPACT	PARTENAR-IA Company	6	\$3.8M	\$1.7M
IMPACT	Onco-Tech	2	\$1.8M	\$0.6M
FSISSS	Component 1	18	\$8.8M	\$4.1M
Vitrine d'innovations en santé	Home Support	6	\$2.7M	\$1.2M
Vitrine d'innovations en santé	Senior housing / alternative housing	2	\$0.4M	\$0.2M
Total collaborative projects ³		88	\$75.7M	\$25.1M

³ Contains only collaborative projects funded by MEDTEQ+. Non-collaborative research projects are not included in this table.

In Canada

Program	Call	Companies	Total Value	Government Contribution
Acceleration Innovation	1 st cohort	9 companies		NRC-IRAP : \$12 375 (coaching hours)
Orbit Health	1 st call	6 companies and 11 technologies	\$2.2M	\$1 620 000
envisAGE	1 st call	15 companies and 15 collaborative projects ⁴	\$17 317 649	> Federal government: \$4 484 372 > Government of Quebec: \$936 836* *applies only to 6 projects from Quebec
Total		31 companies	\$19 517 649	\$7 053 583

Vitrine d'innovation en santé

The Vitrine d'innovation en santé program, led by MEDTEQ+, aims to increase the presence of Quebec technologies in healthcare supply chains. It supports local companies ready to commercialize solutions that meet identified needs in the field.

The projects make it possible to test innovations in real-world contexts, adjust business strategies, and prepare for export. Two calls for proposals targeting seniors' homes and home support, sectors deemed priorities by the MSSS, have led to eight projects still in progress, totalling more than \$3M, with the exclusive involvement of Quebec SMEs.

Réseau d'évaluation et d'innovation en santé (RÉIS)

During the 2024-2025 academic year, the RÉIS, composed of these six institutions, namely the Centre hospitalier de l'Université de Montréal (CHUM), the CIUSSS Capitale-Nationale – REISD, the CIUSSS Centre-Sud-de-l'Île-de-Montréal, the CIUSSS Centre-Ouest-de-l'Île-de-Montréal – OROT, the CIUSSS du Nord-de-l'Île-de-Montréal, and the CIUSSS de

l'Estrie – Centre hospitalier universitaire de Sherbrooke, supported 28 companies in validating their solutions, five of which were implemented at the end of the projects. Of these companies, 13 used the new single access platform gateway, which enabled the launch of three new projects. However, the partner institutions and the RÉIS team have

⁴ Note that one project team withdrew following the official announcement last October.

made it possible to achieve even more significant objectives within the framework of this mandate, namely a notable and demonstrable reduction in the time required to establish links between institutions and businesses, as well as the implementation of concrete projects between the private/community sectors, the public sector, and businesses. The impact of the RÉIS is already being felt in terms of facilitating access to real-world technology validation, but above all in creating and standardizing tools to support healthcare institution teams and innovators. In the context of healthcare network restructuring, the team worked to review the positioning of the RÉIS within the ecosystem to enhance value creation and ensure the relevance of the proposed approaches, including the addition of a new resource to support these objectives. Thus, the creation of the gateway and coordination tools already makes it possible to extract data essential to demonstrating impact.

Major Milestones Achieved:

- > Launch of a dashboard displaying actual data and targets to be achieved
- > Deployment of the gateway
- > Development of the RÉIS 2024-2025 action plan
- > Start of working groups
- > Strategic reflection aimed at including private and community care settings in the RÉIS process

28

**companies
supported by the six
RÉIS institutions**

5

**solutions
implemented at the
end of the projects**

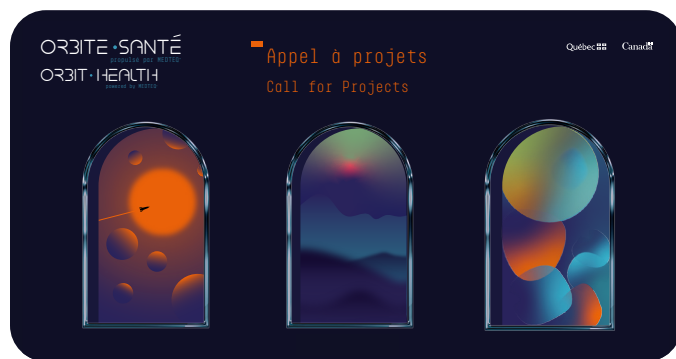
Acceleration and Innovation Program

This year, MEDTEQ+ began a complete overhaul of the Innovation Acceleration program supported by the National Research Council's Industrial Research Assistance Program (NRC-IRAP). This new formula is more focused on the pressing needs for commercialization and draws on external experts from our networks, the best in the world, wherever they may be. Notably, this year, the program has made it possible to call on our network of multinationals and investors. Currently, about ten mature MEDTEQ+ member companies are benefiting from this support.

The needs identified by the nine companies:

- > Product portfolio strategy and plan
- > Commercial expansion and excellence
- > Clarification of intellectual property
- > Intellectual property strategy
- > Business and product strategy
- > Implementation of a quality management system
- > Growth in commercial sales
- > Development of a business plan and model
- > Sales/commercial excellence

Orbit Health in collaboration with the Canadian Space Agency



Thanks to financial support from the Canadian Space Agency, MEDTEQ+ was able to launch the Orbit Health thematic call for projects, focusing on enabling technologies for space exploration and remote terrestrial areas. This call for proposals has helped propel healthcare innovations from **six Canadian companies** with a total project value of **\$2.2M**. Among these six companies, **11 different technologies** have been developed, five of which are ready for commercialization. In addition, Orbit Health has supported the retention of **40 highly skilled Canadian jobs, including nine new hires**.

envisAGE



The year 2024–2025 was a successful one for the envisAGE program, supported by Component 5 of the Government of Canada's Strategic Innovation Fund. The envisAGE network has strengthened its position within the Canadian aging ecosystem by raising its profile and that of MEDTEQ+ across Canada through nearly 15 appearances at targeted events and conferences, which led to concrete actions to network projects and collaborate with other organizations, in addition to developing numerous partnerships. Led by MEDTEQ+ in collaboration with AGE-WELL, the team launched its first call for innovations in October 2023, which led to the announcement of its first cohort of 15 collaborative projects in October 2024. From this first cohort, it should be noted that, thanks to additional funding from the Government of Quebec, six Quebec projects were able to benefit from additional provincial support, totalling \$936,836. In addition, the team successfully launched various Canada-wide peer networks for Community Labs and Innovation Hubs, contributing to a collective dynamic and a sharing of knowledge and best practices.

Meanwhile, the initiative continued to grow, with four meetings held this year, consolidating the commitment of key partners and contributing to a collaborative dynamic. It should be noted that the envisAGE initiative aims to catalyze the pan-Canadian AgeTech ecosystem to accelerate the scaling up of solutions to support the aging population.

The past year has been an opportunity to increase visibility to maximize potential collaborations, leverage on networking between the various collaborative project partners and securing additional funds to continue coordinating this large-scale ecosystem. Many objectives were achieved, making it possible to:

- › Strengthen the initiative's reputation and credibility within health innovation ecosystems by aging and technology ecosystems.
- › Create and enrich links with new potential partners (SMEs, organizations, governments, etc.).
- › Identify opportunities for collaboration or co-financing with key players at the local, provincial, and national levels.
- › Better understand the emerging needs of stakeholders to guide our support and value proposition.
- › Position envisAGE as an essential lever for the development and deployment of concrete solutions related to longevity and AgeTech.
- › Nurture a pipeline of opportunities, generate new project leads, and lay the groundwork for a structured expansion of the partner network and supported projects.

15

projects selected in the first cohort

9

new envisAGE Beachheads

5

innovation Hubs

2nd

envisAGE Forum bringing together more than 250 participants in Edmonton

1

AgeTech Connexion Meeting

7

webinars organized

450

people involved in the network

4

new talents added to the team



The year ends on these accomplishments, but also with new priorities established to further mobilize the AgeTech ecosystem, such as expanding our network of community labs to enable companies to validate their technology in various real-world environments, increasing our visibility across Canadian provinces and internationally, and continuing to forge partnerships with key industry players who can enhance our offering with their expertise. The team will continue to work closely with various stakeholders to gather feedback and analyze the critical path for adjusting the program's support.

Did you know...

envisAGE now represents MEDTEQ+ on the CanSPARK LTC Steering Committee led by Bruyère Health

CanSPARK LTC is a collaborative group of passionate partners working together to implement an innovative pan-Canadian model of a learning health system for the continuous improvement of long-term care, using a collective impact approach to achieve the Quintuple Aim. CanSPARK LTC is composed of four main pillars: collaboration and coordination, research, data, and innovation and improvement.



Investment

With the MEDTEQ+ Invest Fund having completed its investment phase in March 2024, we are now engaged in an exclusive portfolio management phase. This new phase involves closely monitoring our companies, with a particular focus on achieving critical milestones (clinical, regulatory, commercial), but also on optimizing subsequent financing strategies, providing operational support, supporting the development of key partnerships for the commercialization stages, and preparing for potential exits.

The logo for swiftsure, featuring the word "swiftsure" in a lowercase, sans-serif font. The "s" is stylized with a blue dot above it, and the "i" has a blue dot above it. The "t" is also stylized with a blue dot above it. The "u" is a simple lowercase letter. The "r" is a simple lowercase letter. The "e" is a simple lowercase letter. The "s" is a simple lowercase letter.The logo for GRAY, featuring a stylized blue "G" followed by the word "GRAY" in a bold, uppercase, sans-serif font.The logo for ARBUTUS MEDICAL, featuring a stylized blue "A" followed by the words "ARBUTUS MEDICAL" in a bold, uppercase, sans-serif font.The logo for Sonic Incytes, featuring a blue square with a white soundwave icon inside, followed by the words "Sonic Incytes" in a bold, sans-serif font.The logo for Aerial, featuring the word "Aerial" in a bold, red, sans-serif font.The logo for AIFRED HEALTH, featuring a stylized green "A" followed by the words "AIFRED HEALTH" in a bold, uppercase, sans-serif font. Below the logo is the tagline "Real-world AI technology" in a smaller, lowercase, sans-serif font.The logo for Ayogo, featuring a stylized green "A" followed by the word "Ayogo" in a bold, sans-serif font.The logo for densitas, featuring a yellow hexagonal pattern followed by the word "densitas" in a lowercase, sans-serif font.The logo for eli, featuring the word "eli" in a bold, lowercase, sans-serif font. Below the logo is the tagline "Your new lifelong companion" in a smaller, lowercase, sans-serif font.The logo for innOvere, featuring the word "innOvere" in a lowercase, sans-serif font. The "O" is stylized with a blue circle around it.The logo for MIMOSA, featuring a stylized orange flower icon followed by the word "MIMOSA" in a bold, uppercase, sans-serif font.The logo for MIMV MY INTELLIGENT MACHINES, featuring the word "MIMV" in a bold, uppercase, sans-serif font, followed by the words "MY INTELLIGENT MACHINES" in a smaller, uppercase, sans-serif font.The logo for MYO1, featuring a stylized orange "M" followed by the word "MYO1" in a bold, uppercase, sans-serif font.The logo for Nanology Labs, featuring a stylized blue and white geometric icon followed by the words "Nanology Labs" in a bold, sans-serif font.The logo for reveal, featuring the word "reveal" in a bold, lowercase, sans-serif font. The "e" is stylized with a red dot above it.The logo for Optina DIAGNOSTICS, featuring a blue circular icon with a white soundwave inside, followed by the words "Optina DIAGNOSTICS" in a bold, sans-serif font.The logo for Rna DIAGNOSTICS, featuring the word "Rna" in a bold, blue, sans-serif font, followed by the word "DIAGNOSTICS" in a smaller, uppercase, sans-serif font.The logo for SeamlessMD, featuring the words "SeamlessMD" in a bold, sans-serif font.The logo for SPRING LOADED, featuring a stylized blue "S" followed by the words "SPRING LOADED" in a bold, uppercase, sans-serif font.The logo for THORASYS, featuring the word "THORASYS" in a bold, yellow, sans-serif font.The logo for spinologics, featuring a blue circular icon with a white soundwave inside, followed by the word "spinologics" in a bold, lowercase, sans-serif font.The logo for HALEO, featuring a stylized blue "H" followed by the word "HALEO" in a bold, uppercase, sans-serif font.The logo for LUCID, featuring the word "LUCID" in a bold, uppercase, sans-serif font.

Strategic Positioning

Over the past year, strategic thinking has highlighted the importance of positioning and maximizing the consortium's influence. MEDTEQ+ is therefore continuing its efforts to strengthen its role as a key player in the development of health technologies in Quebec and Canada by increasing its presence at partner events, defending the interests of its members, and highlighting their achievements and the impact of their innovations.

As described in the highlights section of this report, the past year has been extremely busy for the communications team with the brand image overhaul and complete website redesign. However, despite these two major projects, MEDTEQ+ has continued its outreach and positioning activities within the Canadian ecosystem.

Supporting the Ecosystem's Outreach

MEDTEQ+ has supported numerous initiatives that promote the next generation of life sciences professionals and entrepreneurs in the field of health technology innovation.



FRÉQUENCE Québec Gala, an initiative that aims to highlight the achievements of young people aged 12 to 21 from Quebec's Black communities – ONDES INNOVATRICES Award

CATÉGORIE TRANSFORMATEUR

GAGNANT DU GRAND PRIX HIPPOCRATE
PRIX INNOVATION : TRANSFORMATION NUMÉRIQUE, TECHNOLOGIQUE, PHARMACOLOGIQUE ET EN INTELLIGENCE ARTIFICIELLE

PROJET GAGNANT : IMPLANTATION D'UNE PLATEFORME VIRTUELLE D'INTERPRÉTATION SUR DEMANDE (VOYCE)
 ► LE CIUSSS DU CENTRE-OUEST-DE-L'ÎLE-DE-MONTRÉAL

Cliquez ici pour visionner la vidéo

PRÉSENTÉ PAR :

Quels étaient les objectifs du projet et à quels besoins répondaient-ils?

Nous souhaitons principalement garantir un accès équitable à des soins de qualité pour une population diverse, incluant des patients allophones. Le CIUSSS du Centre-Ouest-de-l'Île-de-Montréal dessert une communauté où 42% des résidents sont immigrants, dont 3,9% ne parlent ni le français ni l'anglais. Pour surmonter les barrières linguistiques, simplifier les démarches administratives, assurer des soins de qualité et réduire les coûts liés aux interprètes traditionnels, nous avons introduit Voyce, une application d'interprétation vidéo offrant des services immédiats, humains et respectueux des identités culturelles.

De quelle façon l'utilisateur a-t-il été placé au cœur du projet?

Deux patients partenaires ont été impliqués activement tout au long des phases de conception et de pilotage du projet. Leur participation nous a permis de mieux cerner les défis et besoins uniques des patients allophones, et

ils ont joué un rôle essentiel lors des démonstrations des différentes solutions et plateformes, partageant des perspectives précieuses qui ont orienté notre choix final. Grâce à leur implication, nous avons pu développer une solution qui répond vraiment aux attentes des usagers.

En quoi le projet était-il innovant? Décrivez les approches mises en place pour répondre aux besoins.

Notre projet innove en remplaçant un service d'interprétation traditionnel peu efficace et coûteux par une solution technologique conviviale, simple d'utilisation, avec un accès instantané à des interprètes dans 240 langues et dialectes. Voyce est une application sécurisée, flexible et accessible sur divers appareils, que ce soit au bureau, en télétravail, ou lors de déplacements. À l'automne 2022, nous avons été les premiers au Québec à déployer une telle technologie d'interprétation vidéo sur demande, facilitant ainsi la communication entre cliniciens et patients allophones.

14 LA REVUE LE PRIX HIPPOCRATE 2024

Hippocrate Gala – Innovation Award: digital, technological, pharmacological, and artificial intelligence transformation



Effervescence - Grand prize winner of the start-up pitch competition in the "Medical Technologies and Digital Health" category



Grand défi Pierre Lavoie – 1000 km



ADRIQ Gala – RSRI Award

[INTELLIDENT DENTAIRE INC.](#), represented by Julia Keren

[IMD Research Inc.](#), represented by Nathaniel Lasry

[Polytechnique Montréal](#) represented by François Guilbault

This dental crown generation project has led to the development of a highly innovative and unique prototype capable of using artificial intelligence (AI) to generate a dental crown from a 3D scan of a patient's mouth.

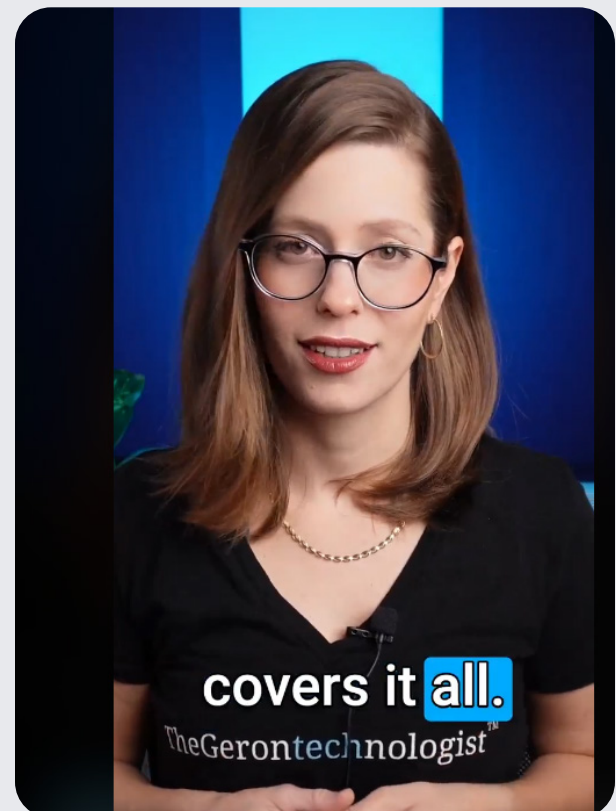
News Review

MEDTEQ+'s news coverage report for the past year includes **more than 968 mentions** across social media, blogs, and news outlets, with an estimated global reach of **nearly 494 million views**.

Here are the news items that attracted the most attention:

- MEDTEQ+ and AGE-WELL announce the first 15 collaborative projects resulting from an unprecedented national mobilization through envisAGE
- *Le ministre délégué à l'Économie, Christopher Skeete, annonce le renouvellement du financement destiné à soutenir le fonctionnement des neuf regroupements sectoriels de recherche industrielle (RSRI)*

The envisAGE initiative has also received significant media coverage, featuring in [Keren Etkin's](#) podcasts on [TheGerontechnologist.com](#), in an episode of Straight Outta Health IT hosted by [Christopher Kunney](#), [FHIMSS](#), [eFACHDM](#), [MSMOT](#), and in the CanadianSME Small Business Magazine podcast.



Some Projects Highlighted in the Media

- Investissement Québec is providing \$750,000 to participate in a funding round valued at over \$1.5 million, which includes former Kansas City Chiefs player Laurent Duvernay-Tardif and his agent and friend Sasha Ghavami.

[Québec and Laurent Duvernay-Tardif invest in Kollide | La Presse](#)

- Chef Jasper, a cooking robot that has made its debut at the Bellagio residence in Longueuil

On the Planète Techno show, journalist Marie-Audrey Houle meets with our CEO Annie-Kim Gilbert and discovers an innovative project from envisAGE: a robot chef that prepares meals for residents of the Bellagio residence in Longueuil.

[Jasper, the robot chef who feeds our seniors | Planète techno](#)

- As part of the Vitrine d'innovation en santé (VIS) program and the associated 2nd call for home care projects, deployed by MEDTEQ+ for the Ministry of MEDTEQ+ remains attentive to its members and their needs.

Quebec's Ministry of Economy, Innovation, and Energy (MEIE) and Ministry of Health and Social Services (MSSS) in spring 2023, the evaluation of Eugeria's Idem smart clock among seniors living at home demonstrated the overall value of the technology in certain residential settings in Quebec.

[A technological solution to help seniors maintain their independence | Info | Radio-Canada](#)

Social Media

Active on two major social media platforms, MEDTEQ+ has an engaged community of **over 7 459 followers** on LinkedIn, which is an increase of 1 277 compared to last year and has generated **over 169 885 organic impressions** with an **average engagement rate of 10.6%**, while the average engagement rate on LinkedIn is around 8%. With the loss of reach on X, MEDTEQ+ decided to gradually integrate the Bluesky platform.

During the same period, MEDTEQ+ generated more than:

117 270
impressions

2 521
reactions

127
comments

117
shares

Since the envisAGE initiative targets different audiences, it has its own social media channels. Over the past year, the envisAGE page has gained more than **400 new followers**, generated more than **126 623 impressions**, and achieved an average engagement rate of 20.6%.

Newsletter

MEDTEQ+ sends out a monthly newsletter to **more than 3 200 subscribers**, with an **average open rate of over 41%** and an **average click-through rate of 3.1%**.

Events

Each year, MEDTEQ+ organizes events that enable its community to network with the entire life sciences ecosystem and generate connections that reinforce its role as a facilitator. This year, MEDTEQ+, including those from the envisAGE initiative, organized a dozen events and participated in **more than 70 networking events**.



Informational Webinars

With this in mind, MEDTEQ+ has continued to hold its informative webinars, including one with *Ton Équiper*, allowing

its members to discover certain partners and also to stay informed.

Industry Leaders Series



On February 20, 2025, several members of the MEDTEQ+ community had the opportunity to attend the second edition of the Industry Leaders Series, presented in a friendly atmosphere at Espace CDPQ. This time, it was Roche's turn to take center stage and share with participants how the multinational company aims to "advance patient care through innovation and partnerships."

This interview, moderated by Annie-Kim Gilbert, President and CEO of MEDTEQ+, allowed Lorraine Hurding, Global Head of Partnerships – Strategy and Transactions, Roche Diagnostics International, and Matheus Vieira, President and CEO of Roche Diagnostics Canada, to generously share their different perspectives on the future of Roche, the key principles underpinning their partnerships, and their vision of the importance of digital transformation in supporting efficiency and driving improvements in patient care.

"We are convinced that data can help us be more effective. At Roche, we are firmly committed to ensuring that our systems incorporate a true data strategy. By investing in upgrading our infrastructure and integrating artificial intelligence, we can move faster and generate compelling results more quickly and with greater precision in direct patient care."

Matheus Vieira, President and CEO of Roche Diagnostics Canada.

envisAGE Forum

Once again, MEDTEQ+ co-hosted the second edition of the envisAGE Forum with AGE-WELL. The 2024 Forum attracted more than 250 participants to Edmonton, Alberta, on October 23, 2024. The event brought together several stakeholders from the AgeTech sector and organizations seeking to improve the quality of life of older adults and caregivers from across Canada.

On this occasion, participants had the privilege of being inspired by two renowned speakers—Christopher Kunney, Partner and Director at IOTECH Consulting, and Diane Buckner, host of CBC's *The Dragon's Den* and management coach.

Several partners were able to showcase their expertise through dynamic panels and conferences. The exhibitor hall was the perfect place to engage in interesting discussions and network.

It was the ideal setting to announce the **first 15 collaborative projects** resulting from an unprecedented national mobilization and to launch the second call for innovations.



AgeTech Connexion



Last September, the envisAGE initiative launched a new series of AgeTech Connexion networking events, allowing the AgeTech community to come together virtually to exchange ideas and, above all, seize opportunities for collaboration. Thanks to the active participation of **more than 77 members of the AgeTech ecosystem**, the first AgeTech Connexion event was a success.

MEDTEQ+ co-organized a networking event with the NeuroSphere (Healthy Brains, Healthy Lives) team in collaborative and interdisciplinary neuroscience research, during which Miled Bourourou presented the range of services and funding available, in line with our approach based on collaboration and active support throughout the innovation cycle.



Some of the Events and Activities in Which the Team Participated

Hippocrates Awards Gala



Forum de l'industrie en santé de Québec



MEDTECH Advamed Conference, Toronto



PLS Seniors' Day



Silver Eco, Business, France, Cannes



Panel on the medical technology industry bringing together key partners in the field and the biomedical engineering student community at Polytechnique Montréal



OBIO Women Leaders in Life Sciences Breakfast



Transmedtech Institute Meeting



Open Letter

Like many of you, MEDTEQ+ is closely following the news to understand the impact of recent decisions by the new US administration on our Canadian health technology industry.

Even before these threats to our companies' exports were announced, it is important to remember that acquiring Canadian technological innovations in Canada was at the heart of our concerns and our mandate to support commercialization.

At the dawn of these turbulent times, MEDTEQ+ is joining its voice to that of many political and business leaders to encourage the redeployment of our economy in sectors where we can develop a competitive advantage.

We believe it is important to act on three main fronts to build a strong economy for Quebec and Canada.

First, we must continue to encourage innovation in all priority sectors of our economy so that our businesses become strong and can open up to international markets with cutting-edge, high-quality products. We must continue to support local businesses through various programs, invest in critical stages of development, introduce incentives for local purchasing, and, above all, facilitate and accelerate these technological acquisitions for the benefit of all. For the life sciences sector, focusing on innovation in health also means working with our researchers, clinical partners, and Canadian companies to develop technologies that meet the real health needs of Canadians.

Secondly, as the world's eighth-largest market for medical technologies, Canada has everything it needs to position itself as a leader in this sector and to pursue fruitful collaborations with various international partners. The global health technology market is experiencing strong growth, partly in response to the needs created by aging populations and the prevalence of chronic diseases. In Canada, the health technology sector represents nearly 1,500 companies that support nearly 35,000 highly skilled jobs, not to mention the generation of expertise and knowledge. Although it is not currently considered a key sector in the same way as certain other industries, long-term investment in the health technology sector could enable us to develop a niche for the future, and the ecosystem we support is already in place.

Quebec has two key sectors that could be game changers in the digital transformation of healthcare: artificial intelligence and quantum computing. Could these sectors serve as pillars of a world-leading Canadian industry? We are convinced that they could.

Finally, over the past 12 years, through our networks of

centres of expertise in technology validation and integration, the Beachheads™, MEDTEQ+ has been at the forefront of success stories involving technologies developed here and implemented in healthcare facilities across Canada that can truly make a difference for our healthcare systems, our patients, and our economy. Thanks in part to our 157 members and governments, we have been able to support the implementation of more than 450 innovations, the training of 775 students, and the publication of more than 500 papers.

Sometimes challenges must be viewed as opportunities. We believe we must seize this opportunity to break down provincial boundaries while respecting jurisdictions and consolidate our Canadian market. Together, we can accelerate the integration of innovations, adapt them to the needs of all communities, and draw inspiration from what is being done across the country to adopt the most relevant innovations. By doing so, we not only improve the quality of care, but we also build a strong market with mature technologies that have proven themselves and will finally reach commercialization.

We are at an advantage. We are fortunate to be able to rely on public and private networks to support validation and generate evidence thanks to numerous leading experts across research centres throughout Canada.

In conclusion, in addition to being a potential key sector for Canada, the health technology sector can also greatly contribute to improving healthcare across all provinces. More specifically, it can increase efficiency and help reduce the budgetary burden of healthcare by facilitating rapid access to better diagnostic tools, contributing to prevention, and supporting the population in self-management of their care. It is therefore an economic sector that can have a dual impact, supported by a vast and dynamic ecosystem.

We will continue to mobilize this collective force to facilitate knowledge transfer and technology integration. MEDTEQ+ invites and encourages government authorities to maintain, or even increase, funding projects in this sector. MEDTEQ+ is therefore calling on its entire ecosystem to increase mobilization, accelerate the sharing of expertise, and enhance collaboration.

We will pursue our mission and continue to support the major initiatives that will be rolled out to this end.

François Bastien, Chariman of the Board, MEDTEQ+

Annie-Kim Gilbert, President and CEO, MEDTEQ+

Success Stories

Chef Jasper - envisAGE

Company Name: Chef Jasper

Project Name: S1-1-15/ Automated kitchen robot for senior residences

Project Collaborators: Excelsoins, Résidence Bellagio SEC, and the NIM Intelliance/CIUSSS Innovation Centre of North Island Montreal

Partners: Strategic Innovation Fund and MEIE

Description

Chef Jasper is a Canadian robotic kitchen automation company that offers a complete food service solution for senior living communities, including a patented robotic kitchen and a comprehensive software platform for food service management.

As part of the envisAGE project, a robotic kitchen will be installed in one of Excelsoins' long-term care facilities, Résidence Bellagio SEC, to carry out a joint project. Chef Jasper will commission its technology with the kitchen staff and collaborate with the rest of the staff to perform all the required food service tasks.

The team will assess the impact of the intervention on the budget, workforce, supply chain, and residents' satisfaction with the food service.

"MEDTEQ's envisAGE project enabled Chef Jasper and Excelsoins to launch the world's first robotic kitchen in a long-term care facility, maximizing resident satisfaction and health through highly precise and reproducible operations. The collaboration with CIUSSS NIM made it possible to objectively quantify the impact of the project and increase its benefits."

Gunnar Grass, President and CEO, Chef Jasper

- Showcase project presented to multiple organizations across several provinces and international partners.
- Presentation of the solution on Radio-Canada's Planète Techno program.

Measurable Impacts of the Project

- Number of jobs: 19

Idem by Euforia

Company Name: Idem by Euforia

Project Name: Use of the Idem smart clock in home care

Project Collaborators: CIUSSS de l'Ouest-de-l'Île-de-Montréal

Partners: MEIE

Description

As cognitive impairment progresses, older adults with cognitive disorders gradually lose their independence, may become disoriented in time and space, and become increasingly dependent on caregivers and healthcare professionals. They also become socially isolated and under-stimulated, which has significant consequences for their overall health.

The Idem smart clock is designed to help these individuals orient themselves in time and connect with their families. Its basic function displays the time, date, day of the week, and time of day. In addition, the clock is connected to the internet and allows caregivers to communicate remotely with the senior. Using a mobile app connected to the clock, family members can send messages of affection and personalized reminders to their elderly loved ones.

As part of this project, the team evaluated the use of this technology among seniors living at home and attempted to identify the type of clientele that would benefit most from this new technological tool.

"The collaboration with the CIUSSS de l'Ouest-de-l'Île-de-Montréal and the MEDTEQ+ team was exceptional. The nurse in charge of the project was always available despite her heavy workload. Her availability and collaboration helped us understand the challenges faced by its team and their users. Together, we brainstormed possible solutions and tested the most promising ones

to enable seniors to remain independent with their medications. In addition to contributing to our discussions, the team served as our eyes on the ground throughout the project, giving us privileged access to users' needs. We are grateful for this collaboration and are confident that our learnings will benefit the CISSS and CIUSSS that have since adopted our solution. And all of this was made possible thanks to the networking and funding provided by MEDTEQ+."

David Bordeleau, Director of Products and Technologies, Euforia

Measurable Impacts of the Project

- > Number of jobs: 8
- > 48 of the 61 people recruited (78.7%) benefited from the clock, 39 of whom continued to use it after the project ended.
- > Visits avoided during the project by health and social services assistants (ASSS): 6,365 visits to 48 users, or 132.6 visits per user.
- > Visits avoided during the project by ASSS for the month of September 2024 (last month of the project): 2,045 visits avoided, or 52 visits per clock for a single month, out of a total of 39 clocks.
- > Average satisfaction rates among stakeholders: 94.1%.
- > User satisfaction rate: 87.5%
- > Satisfaction rate among relatives: 98.0%
- > Technology cost effectiveness: net savings of \$80,783 over six months for a total of 61 users

Optina Diagnostics

Company Name: Optina Diagnostics

Project Name: Evaluation of a radiomic approach based on hyperspectral retinal imaging to predict cerebral amyloid status in the diagnosis of Alzheimer's disease

Project Collaborators: McGill University

Partners: MEIE

Description

The proposed project aims to validate and further develop an innovative technology that can predict the presence of significant amyloid beta (A β) deposits in the brain based on a simple, non-invasive hyperspectral retinal examination using the metabolic hyperspectral retinal camera (MHRC) developed by Optina Diagnostics, in combination with an artificial intelligence algorithm. The accumulation of A β plaques in the brain is a key feature of Alzheimer's disease (AD), but current methods for assessing it in vivo—such as amyloid PET imaging or quantification of A β proteins in cerebrospinal fluid—are not suitable for screening in routine practice due to their cost, limited availability, and/or invasive nature.

A simpler and more affordable method is therefore urgently needed to facilitate the recruitment of asymptomatic but amyloid-positive subjects for testing new therapies that modify the progression of AD and, ultimately, to help clinicians confirm a diagnosis in patients with cognitive decline. More specifically, this new project will build on the excellent preliminary results of a proof-of-concept study funded by CQDM to:

- > validate the technology on a larger number of subjects recruited and imaged at multiple sites;
- > develop image analysis tools to optimize performance and reduce human intervention in image processing;
- > evaluate the impact of concomitant eye conditions on image acquisition.

The proposed method represents a major advance over current approaches for confirming the presence of cerebral amyloid in vivo. It is particularly notable for its unique ability to detect A β biomarkers without the use of an external contrast agent, unlike other ocular imaging techniques currently under development elsewhere. Finally, the project will contribute to the training of highly qualified personnel in Montreal, with the involvement of four graduate students or interns.

From the start of the project in fall 2019 to its completion in spring 2023, the number of employees at the industrial partner grew from 11 to over 30 thanks to Series A funding.

Measurable Impacts of the Project

- > Number of jobs: 1 (research associate)
- > Number of students: 8
- > Number of patents: 4
- > Number of publications: 2

16-E CAM Avatar Glioma

Company Name: Ingenew Pharma and ChitogenX Inc.

Project Name: Medical technology innovation project based on the chicken embryo patient avatar as an aid in the treatment of malignant gliomas

Project Collaborators: University of Sherbrooke

Partners: MEIE, MITACS, CR-CHUS, FMSSS

Description

The treatment of malignant gliomas, including glioblastoma, is ineffective and generally fatal, posing major challenges for clinical management. This project aims to demonstrate that the CAMavatar model, based on the chorioallantoic membrane (CAM) of chicken embryos, is a promising technology for identifying the best treatment, including innovative in situ delivery treatments, for patients with malignant gliomas. Like the antibiogram used clinically to predict the sensitivity of bacteria to antibiotics, Avatar technology, using patient xenografts, allows real-time prediction of the best therapeutic efficacy of current treatments, and even experimental treatments, for each patient. Our research shows that, unlike the reference Avatar, which uses mice, CAMavatar technology has the potential to quickly (in a matter of days) assess exciting and innovative drugs for personalized treatment of a patient's tumour, without causing animal suffering and at an affordable cost. The development of this CAMavatar technology will be a tangible

advance in the treatment of malignant gliomas, enabling national and international influence through collaboration between universities, Quebec/Canadian companies, and the government.

"MEDTEQ funding+ has significantly accelerated the development of CAMavatar, which addresses a critical healthcare need: more precise and personalized treatment for patients with glioblastoma. Its experienced team greatly facilitated all aspects of the project's implementation and the university-industry collaboration necessary to successfully develop our technology in a real-world setting, ensuring a robust technology that meets the current needs of patients."

Claire Dubois, Professor, Faculty of Medicine and Health Sciences, University of Sherbrooke

Measurable Impacts of the Project

- Number of jobs: 6 (4 at the University of Sherbrooke and 2 at Ingenew)
- Number of students: 4
- Number of patents: 0 (4 areas of expertise were covered by an intellectual property strategy)
- Number of publications : 7

23-B OS- Resuscitation Tool

Company Name: Applications MD

Project Name: EZResus Spatial, a resuscitation assistant to save lives, from space to remote communities

Project Collaborators: Canadian Space Agency Team

Partners: Canadian Space Agency

Description

The first hour of resuscitation is often very chaotic. Medical teams in the field must coordinate critical interventions as quickly as possible. There is no room for error. Every minute saved increases the patient's chances of survival by up to 9%. Unfortunately, this highly stressful environment can lead to medication dosing errors of up to 10 times the required dose. EZResus is a resuscitation assistant that provides all the critical information needed to resuscitate all patients, both children and adults. It is an assistant that can be used both on Earth and in space, a tool that reduces team stress, reduces errors, saves time, and allows professionals to focus on what really matters: the patient.

"The Orbit Health project has had an extraordinary impact on our company. In just nine months, we have managed to go from a TRL 4 proof-of-concept to a TRL 7 prototype that operates 100% offline. This technological advancement has opened up a host of opportunities for us both on Earth and in space. Thanks to Orbit Health, we were able to submit a more substantial bid to the Canadian Space Agency's government tender and secure additional funding of \$1 million for the design of A.D.A.M.S. The progress of our prototype during this project allowed us to begin new collaborations with the Charles LeMoine Hospital Research Center, CRIM, and MILA. Orbit Health also had the impact of increasing the size of our team. 2 to 5 developers. In short, the Orbit Health project was the catalyst for our company's

growth in a multitude of areas. We are extremely grateful to have had this opportunity."

Dr. Frédéric Lemaire, emergency physician, cofounder of Paratus Medical

- > This supported project indirectly contributed to the Canadian Space Agency's funding of four related projects:
 - M2S2 A.D.A.M.S.: \$150,000
 - M2S2 A.D.A.M.S. Option 1: \$650,000
 - M2S2 ISS4Mars Adaptation Option 2: \$170 000
 - M2S2 Cree Adaptation Option 2: \$60 000
- > This growth, driven by the Orbit Health project, led to the creation of a B-Corp company called ResusMind. This will enable the transition of the product to A.D.A.M.S., a comprehensive medical assistant powered by artificial intelligence.
- > The company was accepted into the CDL Toronto Space Stream accelerator in November 2024. This support represents an extraordinary opportunity to obtain feedback from key players in the international space industry. The main objective is to demonstrate the space prototype to NASA executives.

Measurable Impacts of the Project

- > Number of jobs: 6
- > Number of students: 0 (42 highly qualified individuals directly or indirectly involved in the project: developers, emergency physician, medical illustrator, etc.)
- > Number of publications: 1

Financial Information

Total Revenue 2024-2025

Provincial grants	\$6 803 574
Federal grants	\$5 403 685
Management revenues	\$613 023
Membership income	\$195 756
Other income	\$1 773 766

Total Expenses 2024-2025

Human capital and related expenses	\$4 391 492
Other program expenses	\$96 415
Other operating expenses	\$653 138

Expenses Related to Grants Awarded 2024-2025

Total	\$8 624 710
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Governance

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- › **Brenda Irwin** – Independent Member
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- › **Michel Blain** – Exo-S
- › **Pierre Bérubé** – Greybox Solutions
- › **Tim Evans** – Concordia University
- › **Yves Joannette** – University of Montreal
- › **Daria Riabinina** (Observer) – Ministry of Economy, Innovation, and Energy
- › **Vanessa Marsan** (Observer) – Ministry of Economy, Innovation, and Energy

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- › **Geneviève Lavertu** – Johnson & Johnson
- › **Kaouther Bessrou** – Université Laval

Scientific and Industrial Relevance Assessment Committee

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- › **Alex Fuentes** – Emovi
- › **Catherine Wilhelmy** – Research Center – CHU de Sherbrooke
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- › **Luc Duong** – École de technologie supérieure
- › **Martin Ducharme** – AlayaCare
- › **Naeem Komeilipoor** – AAVAA
- › **Philippe Juvet** – CHU Ste-Justine
- › **Roger Lecomte** – CHU de Sherbrooke
- › **Stéphane Moreau** – Medtronic
- › **Xavier Elie-Dit-Cosaque** – Steris
- › **Catherine Richard** (Observer) – Ministry of Economy, Innovation, and Energy
- › **Yannick Auclair** (Observer) – Institut nationale d'excellence en santé et en services sociaux

Our Team

The MEDTEQ+ team has unique expertise and in-depth knowledge of the sector, networks, and regulations. It brings together professionals with a wide range of skills, from research and development to project management, communications, and regulation. Here are the people who made up the team over the past year.



Annie-Kim Gilbert, Ph. D.
Chief Executive Officer



Morgane Minosu
Executive Assistant

Partnerships and Support



François Bergeron
Vice President, Partnerships



Miled Bourourou
Director, Innovation Integration



Charles-Antoine Russell
Senior Account Manager



Isabelle Crick
Account Manager



Alexandra Ferland
Account Manager



Alan Losekoot
Account Manager



Marie Wetzel
Manager, Innovation Integration

Operations and Programs



Iris Leroux

Vice President, Operations and Programs



Camille Blanckaert

Director, RÉIS Coordination



Charlène Yang

Program Monitoring Coordinator



Maïalen Domercq

Project Manager



Nguyen-Vi Mohamed

Senior Advisor, Health Innovation Showcase



Marouan Sahmoudi

Program Monitoring Coordinator

envisAGE Initiative



Sabrina Boutin

Senior Vice President and Executive Director



Marc-Olivier Pilon

Account Manager



Yannick St-Germain

Account Manager



Pascal Smith

Account Manager



Chloé Gemma

Account Executive



Nadera Benaouda

Governance Assistant

Communications and Events



Josée Laflamme
Director of Communications



Catherine Légaré
Senior Communications
Advisor



Dominique Cousineau
Communications Advisor



Kory Dragon
Graphic and Multimedia
Designer



Athena Sita
Events Consultant

Finance



Leyla Duranceau
Finance Director



Camille Philipponneau
Accounting Technician



Charles-Xavier Owens
Investment Analyst



Peter Tang
Financial Analyst



Christine Dawson
Senior Accounting Technician,
Administration and Validation
for the envisAGE Project

2024-2025 Annual Report
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