



Matthew James Bailey

Global Leader

Digital Transformation, Innovation,
Technologies, Smart Cities

*Work with a **recognized authority** and global leader that helps organizations, cities, regions and governments to catalyze their growth, expedite their digital transformation and reinvent their future*

Discover more about Matthew



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[Read synopsis of new book - "Mindfully Building Artificial Enabled Societies"](#)

[Download Smart City Whitepaper - reaching 500+ cities](#)

[Announcement of new Artificial Intelligence for Smart Cities and Regions](#)

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matthew@matthewjamesbailey.com

Introduction to Matthew James Bailey

Matthew James Bailey is a seasoned executive with an entrepreneurial mindset that has global reach. He can be hired as an elite consultant, an advisor, to lead a business initiative or feature as a keynote speaker. He is an internationally recognized pioneer and leading authority on the "Internet of Things" (IoT), Artificial Intelligence, Smart Cities and Innovation. He is a mindful visionary who operates at the intersection of leading edge technologies and innovation to achieve positive social, environmental and economic change.

Matthew has received wide public recognition for international achievements and has been a catalyst for the IoT/ Smart City revolution in many territories. **Twice**, he has been recognized by the US government as a person of "**Extraordinary Ability**" and is a 2015 Worldwide Technology Network **award nominee** - previous winners Elon Musk and Sir Tim Berners-Lee. *He recently [announced](#) a national collaboration with US federal government agencies to launch a new initiative in Artificial Intelligence for Smart Cities and Smart Regions - **the first of its kind.***

Matthew has a [global and regional vision for IoT, Smart Cities, Innovation and future societal systems](#). He is considered a technology Maven and renowned business strategist. Matthew excels at "guiding" organizations in their innovation and digital transformation strategy. He has a unique track record at enabling impact and commercial growth in the IoT, Innovation and the Smart City revolutions. He has worked with Fortune 500 technology companies, governments, economic development agencies, wireless and edge computing standards bodies, investors, entrepreneurs, startups and has been a guest lecturer at Cambridge University.

Matthew was the first to introduce the UK Prime Minister and G7 governments to the IoT. He has 30 years experience in high-technology industries. He served on the board of ARIAC - elite global strategists **advising the government of Alberta** on policy, innovation and economic transformation. *The province just announced a new cluster for Artificial Intelligence as part of a Canadian-wide national innovation strategy.* Recently, Matthew developed a **Global Smart Cities business** for a Fortune #109 technology company.

Introduction to Matthew James Bailey - continued

Matthew is considered a savant at strategy, innovation, marketing, communicating messages to audiences, driving business growth and enabling territorial economic transformation. He is a proven large scale eco-system and alliance builder. **Matthew helped re-shape innovation for the state of Colorado.** He envisioned and co-founded the **Colorado Smart Cities Alliance**, authored the thesis and helped raised funds for the **Colorado Open Lab** - a state-wide innovation eco-system to provision solutions for city and regional challenges. **Both are first of their kinds in the USA.**

Matthew is not just an IoT/Smart City Maven, he also is an innovation eco-system specialist helping to shape strategies for territories to stimulate growth and fast track digital transformation towards a participative and inclusive economy. Whether it be IoT, AI, Smart City, Smart Region or large scale Innovation Ecosystems. Territories are equipped with strategies and templates that leverage their unique strengths to deliver the right version of their thriving economy. As such, his latest whitepaper "[How to Build Smart Cities Mindfully](#)" proposed a series of four principles for territories to take leadership and develop their vision for a Smart City and Smart Region. These principles are being used today across the world. To date, this whitepaper has been downloaded by nearly **500 cities in 62 countries located in 20 sub-continents.**

Matthew enjoys public speaking and leads the field of inspiring speakers on IoT, AI, Smart Cities, Innovation and the future of society. **To date he has spoken at over 200+ public engagements.**

Matthew has a powerful global network of business, technology, investors, innovation and governmental leaders which gives him reach into top leadership and partners traversing numerous territories. During his life journey Matthew has spoken with global leaders in Innovation and Technology - Steve Wozniak; Environmental - Sir David Attenborough; Theoretical physicist and cosmologist - Professor Stephen Hawking.

For most of his career, Matthew operated from the renowned technology cluster, Cambridge UK. He now lives in Colorado, USA where he operates globally in business. In his spare time, Matthew enjoys the arts, walking in nature, reading history and politics, writing, cooking and supporting people in discovering and living an empowered life.



Territorial Transformation - a few examples

Board Member - Alberta Research and Innovation Authority (ARIAC)



August 2014 - Matthew was asked by the Premier of Alberta - The Right Honorable David Hancock - to join an elite board of global leaders to advise the government on innovation, policy and science and technology. Fellow members of the board were the likes of Alan Bernstein - President and CEO [CIFAR](#), Laura Kilcrease - Austin Tech Cluster and Triton Ventures, [Peter Riddles](#) - Board Member and Life Sciences [CSIRO](#).

Our mission was to help pivot the province from being solely reliant on Oil and Gas to drive its economy. The result of this work changed the innovation eco-system for Alberta (new innovation models), identified new technologies and markets to develop and put IoT, Smart Ag, Smart Cities firmly into provincial economic development. As part of a national Canadian Artificial Intelligence strategy, the province announced a new Artificial Intelligence technology cluster - led by Laura Kilcrease. As a result of our work funding has been secured to develop new markets: \$50M Smart Cities, \$50M Smart Ag, \$50M Healthcare, \$100M Artificial Intelligence.

In Feb 2017, I was asked by the provincial governments of Alberta, Manitoba and Saskatchewan, to help them develop a tri-provincial Smart Ag cluster as part of a Canadian food security strategy. Leveraging my network, I brought in expert food security leaders from international territories to share their experience and advice on creating a national Smart Ag cluster.

Changing state-wide Innovation and Smart Cities in Colorado, USA

Following the provincial transformation in Alberta and a speaking tour in Australia, it became clear that there was a first of its kind opportunity to do something very special in Colorado, one that would position the state in national and international leadership in digital transformation, economic development, innovation, IoT and Smart Cities.

Acting a special advisor to [Denver South Economic Development Partnership](#), I proposed August 2016 that we launch a state-wide Smart Cities Alliance. It was clear that the US was behind the rest of the world regarding innovation and Smart Cities. In March 2017 the Colorado Smart Cities Alliance was softly launched and then publicly launched in September 2017. This is currently the only state-wide Smart Cities Alliance of its kind in the US. There is much interest to replicate this across other US states and abroad. To date the Alliance includes 20 cities of differing tiers, the three major universities, two federal labs that are global leaders in renewable energy, climate and supercomputing, many technology giants such as Arrow, Hitachi, Verizon, DISH, regional councils and the business communities. It truly is a multi-jurisdictional, multi-stakeholder eco-system bringing together communities to collaborate and innovate the future of the state collectively. To date, the Alliance covers 85% of the Colorado population (5.5 million people) generating 95% of the annual state GDP (\$300Bn USD).

During this time, I started to advise Colorado's largest F500 technology company on their IoT and technology strategy. I wrote a thesis for a new state-wide innovation eco-system (Colorado Open Lab) led by Arrow, to provide technologies and solutions for city and regional challenges. This would scale technologies, solutions within their global eco-system of 200,000 partners. Effectively, this innovation powerhouse, would not only serve challenges from cities within the Smart Cities Alliance but also generate use cases to scale proven solutions nationally and internationally into other regions.

In fall 2018, we announced the Colorado Open Lab. I secured Intel, to be part of that announcement for the Colorado Open Lab for it to be the hub to innovate Intel's latest Artificial Intelligence technology - "Ambient Science". [See announcement](#).



Global Leadership in IoT/AI/Smart City technologies

Co-Chairman Marketing - Weightless SIG - Global IoT LPWAN Standards

WEIGHTLESS™



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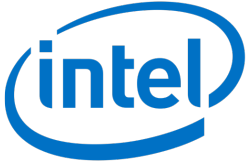
In 2012, Vice President for a Cambridge UK technology company developing a new IoT long range, low power wireless technology - Low Power Wide Area Networks (LPWAN). This revolutionary long range, low cost, low power wireless technology was designed to develop IoT markets such as Smart Cities into their full potential. [It is predicted that by 2023 there will be over 1 Billion LPWAN IoT connections.](#)

Matthew was asked to leading the international marketing for a global open IoT LPWAN standards body - [Weightless SIG](#) - (founded by ARM Holdings, Accenture, Cambridge Silicon Radio) promoting new open standards in low power wide area networks. After a series of successful media and international campaigns, our team set a **world record** for the fastest growing membership to any wireless standards body garnering global interest. This international recognition resulted with interviews with the BBC and a visit from the UK Prime Minister, RH David Cameron, from this conversation an additional \$40M+ fresh investment was injected into Smart City innovation.

Our global leadership, together with other LPWAN companies, put incredible pressure on the telecommunications industry, from which emerged new 3GPP LPWAN standards NB-IoT and CAT-M. LPWAN networks are being deployed across the world.

Global Ambassador - Open Fog Consortium - Global Edge Compute Standards

OpenFog™



2017 - Intel commissioned Matthew to become the global ambassador for a new international standard's body in edge computing. The founders of the OpenFog Consortium were Intel, Cisco, DELL, Microsoft, ARM and others.

The role was to champion the applicability of this new global edge compute standard for Smart Cities. In 2019, the Open Fog Consortium merged with the [Industrial Internet Consortium](#) .OpenFog standards are being integrated into the latest edge compute products and solutions for numerous markets including Smart Cities.

CompTIA



Member of Advisory Council - Global Smart City Technologies and Standards

2018 - [CompTIA](#) - asked Matthew to join an elite advisory council in Smart Cities. His role was to educate the council and membership on Smart City innovation, best practices and relevant technologies to standardize in education material for the global CompTIA membership.

CompTIA is a global organization consisting of more than 2,000 members, 3,000 academic and training partners and tens of thousands of registered users spanning the entire information communications and technology (ICT) industry, CompTIA has become a leading voice for the technology ecosystem.

Building a Global Smart Cities Business - Fortune 500 Tech Company

ARROW
Five Years Out

Following 18 months advising Arrow Electronics (#109) company, and building their foundation in Smart Cities with membership into the Colorado Smart Cities Alliance and the Colorado Open Lab, Matthew was asked to build a Smart Cities business for the IoT group within Arrow Electronics.

HITACHI
Inspire the Next

The business leveraged different parts of the Arrow business in order to pull through from its eco-system of 200,000 partners a “best in class” marketplace of solutions for Smart Cities in the territories in NA, EMEA, APAC. Changing the sales message to one of helping to build a city/regional eco-system of local and global partners, resulted in success. Matthew was trusted by global tech giants like Hitachi, Intel, Microsoft, Century Link, and many mid-tier and start-ups in their strategy and market development in Smart Cities. Hitachi became a member of the Colorado Smart Cities Alliance.

National Leadership in Artificial Intelligence for Smart Cities and Regions

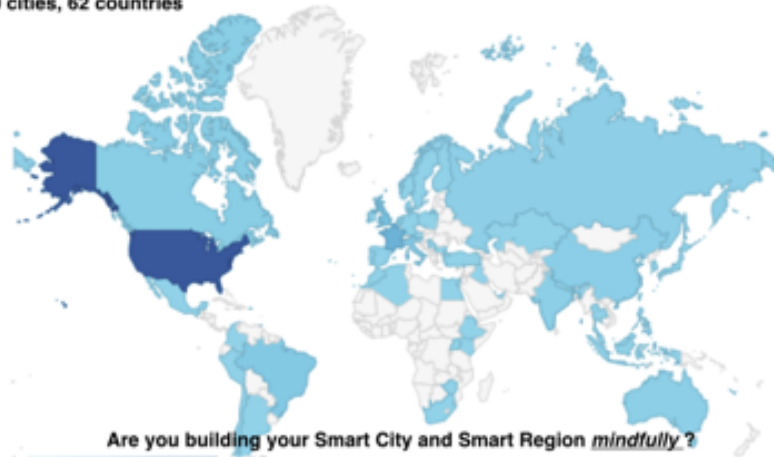
In July 2019, Matthew announced as part of a US federal initiative called the Global City Teams Challenge, a **Supercomputer Modeling and Artificial Intelligence cluster for Smart Cities and Regions** - [see information](#), [download flyer](#), [see presentation](#). The Smart City cluster serves regions within the US and abroad to fast track their digital transformation. At this event the [ASEAN Smart City network](#) joined the program.

The announcement provides US leadership in Smart Cities, Supercomputing Modeling and Artificial Intelligence and is based on the new book that Matthew is writing - [see synopsis](#).

This announcement changes the methodology and approach to territorial digital transformation, innovation, economic development, climate resilience, energy and water security and social equity. This type of approach can play an important role in the development and success of any region seeking to get its digital transformation right.



500 cities, 62 countries



Matthew has influenced 500+ Cities

To date, either directly or indirectly, Matthew has influenced the digital transformation **of over 500 cities within 62 countries**. The work is continuing and the reach expanding into new territories.

Many territories are using principles to build their smart cities mindfully, creating multi-stakeholder eco-systems to collaborate and innovate the future of their region.

Matthew has helped governments, cities, regions, investors, economic development agencies, academia, federal labs, business communities and technology companies to reinvent their future and embrace the Smart City phenomena. A revolution that will enable new styles of innovation, demand new technologies and solutions, create business models, generate new revenue streams and deliver data economies. It is a tremendous opportunity to shape the future of commerce, economic development, regions, their relevancy, their economic competitiveness and successfully transition into providing the next generation of experience and lifestyle for their citizens.

Reach out to Matthew, a renowned leader in Innovation, Digital Transformation, Technologies, Smart Cities and Smart Regions, to discuss how he can help your organization to successfully invent its future and achieve success mindfully.

matthew@matthewjamesbailey.com

warm regards,
Matthew James Bailey