

MOBI accelerates new mobility by adding participants and launching key working groups

World Economic Forum, Achmea, Faraday Future, FutureMove, Filament, Riddle&Code and others join major automakers and tech companies to make mobility efficient, accessible, greener and safer using blockchain and related technologies.

San Francisco, US, September 20th 2018 - The Mobility Open Blockchain Initiative (MOBI) announces the addition of two new advisors, seven new Partners, ten new Sponsors, and two new Affiliates to the initiative. These new participants will join the already-large mobility ecosystem and will accelerate the development of blockchain-enabled vehicle data and mobility services standards.

MOBI welcomes two new members to its Board of Advisors:

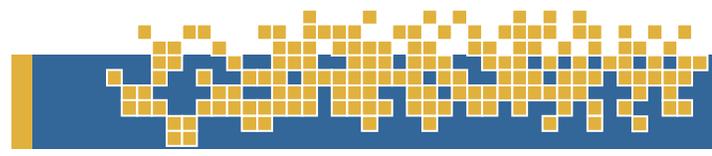
Iliana Oris Valiente is managing director at Accenture and Global Blockchain Innovation Lead. Jim Adler is managing director of Toyota AI Ventures and executive advisor at Toyota Research Institute. Both bring unique perspectives in the applications of Blockchain and related technology to a wide range of issues for mobility and other industries.

“The community is working hard to create a minimum viable ecosystem that aims to standardize blockchain and related technologies to bring transparency and trust to the industry, consumers, and communities, reducing risk of fraud, and reducing frictions and transaction costs in mobility.”, says MOBI’s Chairman and CEO Chris Ballinger. “With the onboarding of new members, we are adding diversified expertise that ranges from components and vehicle check to insurance, technology solutions, and rewards, as well as more focus on collaboration between private and public sector.”

MOBI’s participants announcing today include:

- Partners: Achmea, CarVertical, Denso Diam, Faraday Future, FutureMove, MoveCo, Tesloop
- Sponsors: Chorus Mobility, Constellation Labs, Cube Intelligence, Filament, NXM Labs, Streamr, Xapix, Riddle&Code
- Affiliates: Decentralized Autonomous Vehicles, Sovrin Foundation, World Economic Forum

“Blockchain is a team sport” - Brian Behlendorf (Linux Foundation). Blockchain’s distributed, peer-to-peer nature requires standards and collaboration in order to achieve secure and transparent end-to-end solution for future multi-modal e-mobility solutions. MOBI is introducing Open



Innovation techniques to the mobility industry to help the industry innovate and grow in same way these techniques have benefited the technology sector for decades.

MOBI now includes more than 80% of the automakers by volume and has initiated several working groups and committees to achieve its purpose. These working groups and committees include:

The **Vehicle Digital Identity & History** working group has launched to work on future standards for a Digital Vehicle Identity on the blockchain. Many automakers have already worked on vehicle “digital birth certificates”, “passwords” and other related proof-of-concepts using blockchain technology. Creating standards will ensure interoperability and secure, reliable access to vehicle history and usage data.

The VID working group will set the foundation for all future blockchain-based use cases including usage-based services such as insurance, taxes, car-sharing, and more. It will also be foundational in allowing consumers and other to maintain control over their data among other use cases.

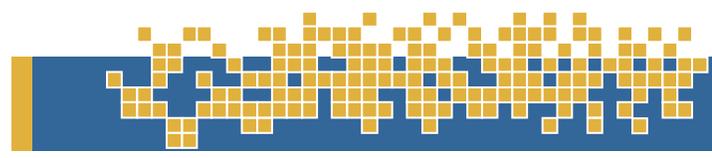
The Core team of this working group is comprised of members from Renault and Ford as well as BMW, Bosch, IBM, and Accenture among others. Sebastien Henot, Manager of Business Innovation at the Renault-Nissan-Mitsubishi Alliance Innovation Lab Silicon Valley, and Alan Gordon, Technical Leader, Software and Computing Research at Ford, are leading the initiative as the working group Chairperson and Vice Chairperson respectively.

The **Usage-Based Insurance** working group has also launched to establish standards for usage-based insurance services for connected cars, autonomous vehicles, and other IoT devices. It will also be crucial to enable self-certifying technical systems that can become the trusted backbone of mobility solutions and accident settlements in the era of self-driving vehicles - blockchain solutions do provide all the means to help insurances to master that challenge. Aioi USA’s Michael Fischer and Achmea’s Jeroen Bartelse will serve as group Chair and Vice Chair respectively.

MOBI has formed an **Economic and Business Model** committee to explore how Blockchain, Distributed Ledger, and related technologies create new business and economic models for the new mobility services industry. Chris Ballinger, MOBI Founder, and CEO, will serve as a Chair.

The **Intellectual Property, Licensing, and Rights** committee is evaluating and establishing the ways the community will handle intellectual property, licensing and property rights whether that is code, written works, or data. David Luce from MOBI and Michael Fischer from Aioi USA will serve as Chair and Vice Chair respectively.

The **Tools and Methods** committee defines and provides procedures and infrastructures for MOBI community. This committee is formed by people from different backgrounds and



experiences, aiming to make MOBI development cycle easy and open. Dr. Liang Kong from Volkswagen Electronic Lab will serve as a Chair.

"Innovation in the area of mobility is relevant to our customers in various sectors. Joining the MOBI-consortium gives us the opportunity to play an active role in shaping the future of mobility. A future that will be created using input from many different parties. For Achmea sharing knowledge through platforms is a preferred way to stimulate strategic innovation"
- Robert Otto, member of the Executive Board of Achmea

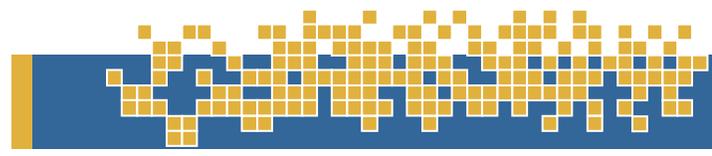
"The DAV Foundation is very pleased to be collaborating with MOBI. Transport and mobility on the blockchain is a very big space, and DAV and MOBI can learn a great deal from one another. We're excited about the future and how we can collectively contribute to the burgeoning mobile economy" - John Frazer, Co-Founder & CCO, DAV Foundation

"The entire mobility sector is undergoing a significant transformation and Filament is dedicated to helping its stakeholders navigate new paths being opened up by blockchain technology. We support MOBI's mission to guide the industry and improve mobility services by promoting standards and accelerating blockchain adoption. Filament is pleased to be a sponsor and we look forward to collaborating with the group to help advance the mobility vertical and the machine economy." - Allison Clift-Jennings, CEO, Filament

"Beyond enabling the highest possible level of security for blockchain technology, Riddle&Code will support MOBI in re-defining the future of mobility services. Our highly secure crypto chips and the software that links them to any blockchain can dramatically increase the levels of data security and transparency. We also enable automated settlements based on crypto wallet solutions. With these contributions, we will help the automotive sector to future-proof their solutions - and MOBI is the best forum within which to share know-how about these advanced solutions and the additional business models that will become accessible." - Alexander Koppel, CEO, Riddle&Code

About MOBI

MOBI is a nonprofit foundation formed to accelerate adoption and to promote standards in blockchain, distributed ledgers, and related technologies for the benefit of the mobility industry, consumers, and communities. MOBI and our partners are creating simple, standard and digital ways of identifying cars, people, and trips, of paying for mobility services, and securely exchanging and monetizing data in ways that preserve property rights and privacy.





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MOBI is working with most of the world's large automakers and many mobility ecosystem players, along with many start-ups, non-profits, governments, transit agencies, and technology companies. We are convinced that by working together we can make mobility services more efficient, affordable, greener, safer and less congested.

MOBI is an open, inclusive body that acts as a 'trusted convener' and partner to entities in the emerging ecosystem of pay for use, on demand, connected, and increasingly autonomous mobility services. MOBI itself is technology and ledger agnostic.

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About Achmea:

Established in 1811, today Achmea is the largest insurance group in the Netherlands. In its home market, Achmea is market leader in non-life and health insurance. Gross written premiums for the group totalled approximately 20 billion euros over 2017, while the group's solvency ratio remained strong at 184%. The group also offers income protection insurance, life insurance, pensions services and mortgages. Asset manager Achmea Investment Management, oversees over 120 billion euros in assets under management. Internationally, Achmea is active in Turkey, Greece, Australia, Slovakia and Canada. Each insurer has deep understanding of its local market and customers.

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About carVertical:

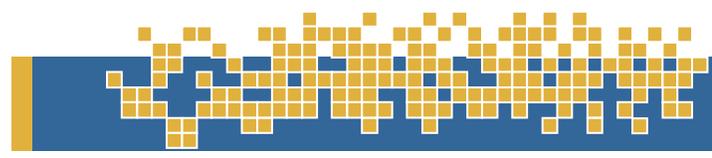
carVertical is driven by the idea of data decentralization and giving the power to consumers. The goal is to enable every car buyer around the globe to get authentic and non-faked information about the specific vehicle and to help consumers in the maintenance of their vehicles. carVertical gathers as much information as possible about car's history from different sources, including national and private registries, various databases and even OBD devices. carVertical processes and verify all the data, blockchain confirms its reliability.

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About Constellation Labs

Constellation is a consumer and enterprise grade distributed ledger technology that enables the world's smart devices and machines to seamlessly interact and transact. The network aggregates



the resources and bandwidth of internet connected devices, securing transactions and ensuring high throughput through a dynamically partitioned DAG (directed acyclic graph) architecture. Each interaction or transaction is verified through a unique consensus model. Transactions flow through the network allowing it to remain stable without every node having to individually verify before the next rounds of consensus can be performed. This method incorporates a node's historical participation into delegate selection, observation from local nodes, and rewards benevolent behavior. The Constellation network is underpinned by an incentivized community portal called Orion.

To learn more, please visit their [website](#) and [YouTube channel](#).

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About Denso Diam:

DENSO International America, Inc. (DIAM), located in Southfield, Michigan, is DENSO's North American regional headquarters and parent company for its North American operations, including design and production engineering, technical support, sales and finance. DENSO is a leading supplier of advanced automotive technology, systems and components for major automakers. DENSO is committed to making the world a better place through world-first products and technologies.

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About Faraday Future:

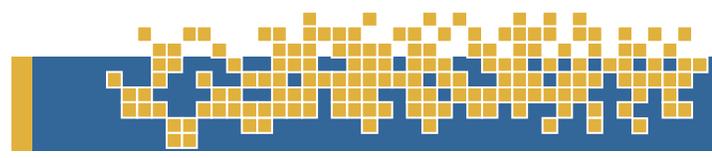
Faraday Future is a user-centric, advanced mobility company with headquarters in Southern California. FF global team leverages the talents of leading thinkers and passionate creators from the technology and automotive industries to bring premium, intuitive, and seamlessly connected electric vehicles to people worldwide.

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About FutureMove:

FutureMove Automotive, founded in April 2015, is a leading high-tech company in China focusing on providing Digital and Mobility Services in connected-vehicle industry with the belief "Smart x Vehicle as A Service" and the mission "Provide the Intelligent, Digitalized, Convenient Products and Services to the Clients." FutureMove provides the market with 4 business lines,



Cloud and Software Service, Connected-Engine (TBox), Digital Operation, and Mobility Service, which enable FutureMove the leader for next generation of vehicle connectivity, serving all leading OEMs globally and locally. So far, FutureMove has delivered Digital and Mobility Services to more than 20 OEMs with 166 vehicle models.

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About MoveCo:

Moveco, a recently launched mobility ecosystem, looks all set to drive a safer, smarter, more efficient, and more affordable future for the mobility industry. This blockchain based platform allows the consumers to share their mobility data and earn rewards in the form of MOV tokens that can be used to pay their next gas bill.

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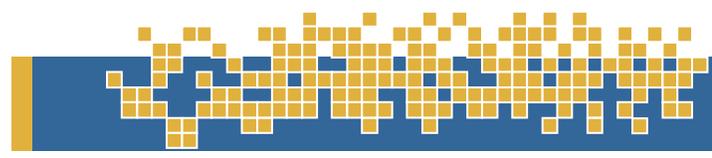
About Tesloop:

[Tesloop](#), a California based startup, is building the first connected car community and services marketplace. Tesloop's Carmiq platform leverages a new breed of connected, electric, and increasingly autonomous vehicles. Tesloop manages and operates an expanding fleet providing mobility services with a focus on customer experience. Tesloop's initial consumer focus on long distance routes earned the [highest consumer satisfaction ratings](#) of any transportation service.

Tesloop's Carmiq platform launching in Oct 2018 provides an open-source platform that facilitates service delivery to connected cars. Initial services include rentals, tire service, insurance and financing.

The Carmiq project mission is to make the human transportation experience increasingly secure and beneficial to people and the planet. Carmiq leverages real-time data feeds from connected vehicles to align a multi-sided marketplace encompassing the wide variety of stakeholders that include travelers, vehicle owners, and drivers, as well as the wide range of goods and service providers that are required to support personal mobility.

QUOTE: "The Automotive Industry is rapidly digitizing, and is thus one of the best suited real-world industries to leverage blockchain technologies. Enabling a wide range of eco-system players to efficiently interact is Tesloop's goal with our new Carmidq platform, and the blockchain provides both a financial and data sharing framework for realizing this vision in a global manner." - Haydn Sonnad, founder Tesloop





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About Chorus Mobility:

Chorus Mobility is focusing on research and development of the Blockchain based peer-to-peer payments protocols and decentralized applications for connected vehicles.

Its founders conducted and published one of the first academic researches on the Blockchain Vehicular Ad Hoc Networks as well as designed an interoperable, blockchain-agnostic software and hardware architectures for enabling a variety of new use cases for connected and autonomous vehicles of tomorrow.

Chorus founders were previously working in the digital payments and transportation sector, designing and building software for 20,000 US-based and NYC Yellow Cabs.

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About Cube Intelligence:

CUBE is a network security company based in the blockchain. Autonomous cars rely heavily on wireless communication techniques, such as vehicle-to-vehicle, navigation route information, GPS, and other driving data. Autonomous cars continuously communicate with various sites to remotely monitor their internal and outside states. These various network accesses increase the risk of malicious attacks on autonomous vehicles. Cube solves the problem of these autonomous vehicles' security by using blockchain technologies, AI-based deep learning and quantum hash cryptography.

In the future, the \$770 billion autonomous automotive market will see Cube as the first user of blockchain-based security. We will provide an autonomous vehicle security platform for companies such as automotive manufacturers, and related firms, such as Google and Uber.

Media Contact: Balakrishnan C

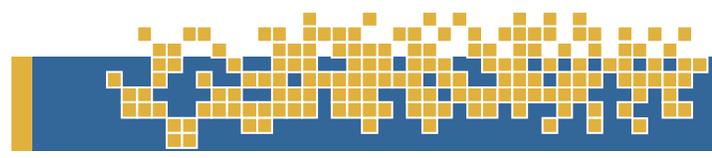
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About Filament:

Filament builds comprehensive blockchain systems for the enterprise and the Industrial Internet of Things (IIoT). Its hardware, software and service solutions allow connected devices and machines to securely interact with and transact value against distributed ledger technology such as a blockchain. Filament is headquartered in Reno, Nevada with offices in Denver, Colorado and Saint Paul, Minnesota.

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About NXM Labs:

NXM Labs Inc. is a blockchain IoT security company developing technology that enables smart devices everywhere to operate and communicate with each other and their surroundings automatically and securely without human intervention. NXM is collaborating with global leaders in communications, semiconductors, automotive, enterprise software, manufacturing, consumer electronics and insurance to commercialize its groundbreaking technology. The company is headquartered in San Francisco.

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About Streamr:

The [award winning project](#) Streamr is building the open source infrastructure that will [power the world's data economy](#). We believe that creating a decentralised Network and the world's leading Marketplace to trade the world's realtime information will benefit everyone. People will regain control of the data they produce. Companies will be able to better build and market their products in the Internet of Things (IoT). And society as a whole will be better off when the value in data is not concentrated in the hands of a few companies.

Realtime data from vehicles, personal devices, IoT gadgets, financial markets, weather stations and the factory floor, will move through our decentralised peer-to-peer Network, hosted on computers around the globe. Our scalable, low-latency transport layer built for realtime dApps as well as data streams on our Marketplace will be supported by nodes who earn our native token \$DATA in exchange for the bandwidth and validation they provide.

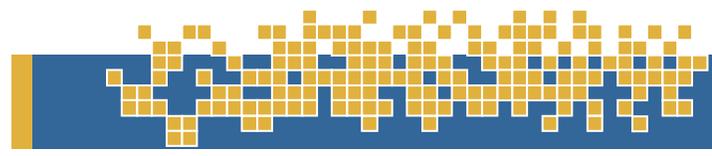
Our Marketplace application sits on top of our Network and acts as a storefront for the world's real time data streams. It categorises, bundles, sorts and showcases all available data products, both free and commercial, on the Streamr Network, and acts as a single common interface for bringing together data buyers and sellers.

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About Xapix:

Xapix enables mobility companies to access, use, and monetize their data—easier than ever. This way, Xapix helps companies find new sources of innovation through data. Xapix is a software that lets businesses create simple, modern, and easy-to-integrate connections between existing and new systems in the form of APIs.



Xapix automates data normalization, transformation and integration. As a faster, more flexible and powerful solution than traditional methods, Xapix enables companies to find more applications for their data, allowing for hundreds of partner collaborations instead of having to choose just a few.

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About World Economic Forum:

The World Economic Forum is the International Organization for Public-Private Cooperation. It engages the foremost political, business and other leaders of society to shape global, regional and industry agendas. It was established in 1971 as a not-for-profit foundation and is headquartered in Geneva, Switzerland. The Forum is independent, impartial and not tied to any special interests. The Forum strives in all its efforts to demonstrate entrepreneurship in the global public interest while upholding the highest standards of governance. Moral and intellectual integrity is at the heart of everything it does.

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About Decentralized Autonomous Vehicles:

The DAV Foundation's mission is to promote and support research and development of the DAV Network, built on an open-source protocol. The organization is guided by principles of transparency and openness, and invites the DAV community to help build a new way of transporting goods and people around the globe using blockchain technology. The DAV Foundation is headquartered in Zug, Switzerland.

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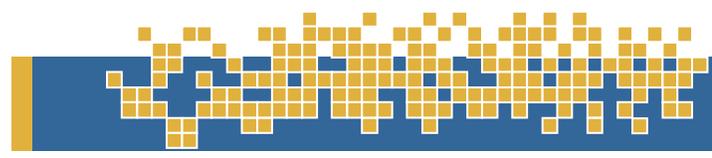
About Riddle & Code:

RIDDLE&CODE's hard- and software stacks combine highest security standards with the Blockchain. By extending hardware in form and function, sophisticated security measures from the credit card industry can get connected with the Blockchain ecosystem. RIDDLE&CODE is Europe's leading company for blockchain interface solutions that enables companies to master the challenges of our digital society such as machine identity, product provenance and supply chain management.

RIDDLE&CODE has successfully worked with tier one international companies and institutions and has been awarded several prizes for its technology.

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About Sovrin Foundation:

The Sovrin Foundation is a nonprofit organization established to administer the Trust Framework governing the Sovrin Network, a public service utility enabling self-sovereign identity on the internet. The Sovrin Network is operated by independent Stewards and uses the power of a distributed ledger for giving every person, organization, and thing the ability to own and control their own permanent digital identity.

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Categories:

Launch, Announcement, Mobility Providers, Automakers, Tier 1 Suppliers, Insurance, Technology, Consortium, Blockchain, Standards, Community, Use Cases, Vehicle Identity, Minimum Viable Network

Tags:

MOBI, mobility, open, innovation, blockchain, consortium, inclusive, nonprofit, public purpose, BMW, General Motors, GM, Renault, Renault Groupe, ZF, Accenture, Context Labs, IBM, autonomous, driving, blockchain hardware, mobility services, IoT, connected cars, mobility, tokens, loyalty, driving data, ride-share, car-share, ecosystem, transactions, usage data, security, trust, safer, friendly, affordable, accessible, minimum viable network, MVN, Achmea, CarVertical, Denso Diam, Faraday Future, FutureMove, MoveCo, Tesloop, Chorus Mobility, Cube Intelligence, Filament, Riddle&Code, GFT Technologies SE, NXM Labs, Xapix, World Economic Forum, Decentralized Autonomous Vehicles, Streamr

