

MoCo

LOS ANGELES

November 12-13, 2019 | Alexandria Ballrooms

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Introduction

MoCo Los Angeles marks the seventh smart mobility colloquium hosted by the Mobility Open Blockchain Initiative (MOBI). MoCo Los Angeles took place on November 12-13, 2019 at the historic Alexandria Ballrooms in Downtown Los Angeles. MoCo Los Angeles is the first colloquium hosted in the MOBI headquarters homebase.

Los Angeles is leading as a digital city; this is evident in MOBI's existing partnerships with local institutions and Los Angeles' commitment to technological innovation. Due to the overwhelming challenges of congestion, pollution, and climate change, Los Angeles has turned to adopting emerging technologies to develop a greener, more efficient mobility ecosystem. We were incredibly thrilled to host MoCo Los Angeles in the midst of the city's growth as a smart city.



At MoCo Los Angeles, 30+ speakers, the world's largest OEMs, international mobility leaders, city officials, academics, and tech innovators convened for conversation and panel discussions on smart mobility, connected vehicles, and tokenized incentives. In addition to the four speaker sessions, representatives from CPChain and Filament displayed the latest mobility technology in the exhibition hall, including vehicle wallets designed with MOBI's standard for a blockchain based Vehicle Identity in mind. Noblis, a DC based think tank, showed off their autonomous rovers coordinating their movements and paying for data and infrastructure using blockchain and tokens.

At MoCo Los Angeles, I was really excited by all the information about how rapidly blockchain is progressing in mobility. The industry experts brought together by MOBI were incredibly interesting and enthusiastic about where we are headed. I would recommend anyone seeking to explore the mobility blockchain arena to seriously consider what MOBI has to offer and how it brings together a community of like-minded movers and shakers in transportation.

Roger Berg, Vice President of North American Research and Development, DENSO

MoCo Los Angeles is the best way to access the automotive industries' latest blockchain use cases and connect with decision makers at each OEM.

Michal Filipowski, Global Ventures Innovation Manager, General Motors

It was an absolute pleasure to present the Bermuda innovation story during the MOBI Colloquium event in LA. The event provided a great opportunity to further expand our network and connect with the prestigious business leaders who are members of MOBI. We were able to highlight why Bermuda is a premier test-bed environment for quality companies, thanks to its advantageous size, location and world-class regulation, and look forward to working together with MOBI in the future.

Kevin Richard, Business Development Manager, Bermuda Business Development Agency

Colloquium Highlights

At MoCo Los Angeles, our members and friends of the MOBI community made a collective effort towards envisioning the future of mobility.

On day one, our speakers spoke about the emergence of a connected city. Daimler-Mercedes offered insight on their existing car wallet projects. Filament, in addition to sharing a vision for a V2X economy, displayed their car wallet hardware and software in our exhibition hall. And MOBI shared Citopia application for smart city infrastructure in the exhibition hall. Tokenized incentives and car wallets go hand-in-hand in a connected city. Utilizing car wallets, vehicle identity, and tokens, cities can unlock a mobility network to manage congestion. Users are also able to gain credit, monetizing their data as they employ greener transport behavior or report flaws in infrastructure. Additionally, MOBI and its members received an invitation from the Bermuda Business Development Agency to consider Bermuda as a potential partner for smart mobility innovation.



On the second day, representatives from our working groups shared how far MOBI research & standards work has come. Our partner OEMs - Ford, Denso, GM, and Honda - shared on the importance of testing use cases for a blockchain-based Vehicle Identity, a Connected Data Marketplace, and Electric Vehicle Grid Integration. Collaboration on an industry level around blockchain is a required step so that proof-of-concepts, standards, and solutions can be adopted at scale. In fact, a lack of such collaboration can block the transformational potential of decentralized technology.

At MoCo Los Angeles, our community agreed on the importance of developing standards that protect data privacy, address technological gaps, and ensure that smart city infrastructure is built both intentionally and ethically.

Speaker Topics Include

- Blockchain as a Key Solution to Diseconomies of Scale in the Auto Industry
- Bermuda: Innovation Island
- Concepts and Applications for Decentralized Electrified Mobility & Energy Management
- Building a Smarter Los Angeles: Blockchain, Data, and the Smart City



Speaker Industry Profile

MOBI is a consortium of public and private organizations—nonprofits, OEMs, suppliers, blockchain consortiums, start-ups, academic institutions, consulting organizations, etc.—dedicated to promoting smart mobility through blockchain and distributed ledgers.

The MOBI community typically convenes within our working groups and monthly innovation calls. However, MoCo Los Angeles brought the opportunity for friends outside of the MOBI community, to ask important questions about blockchain adoption, interrogate current trends, showcase new technology, and truly envision the new economy of movement.

Our roster of not only blockchain leaders, mobility suppliers and OEMs, but also city leaders, legal representatives, and academic institutions reflect a multi-stakeholder effort to invest in smart mobility. Excitingly, the outside MOBI presentations included key themes MOBI working groups have been focusing on, further validated the work we are doing.

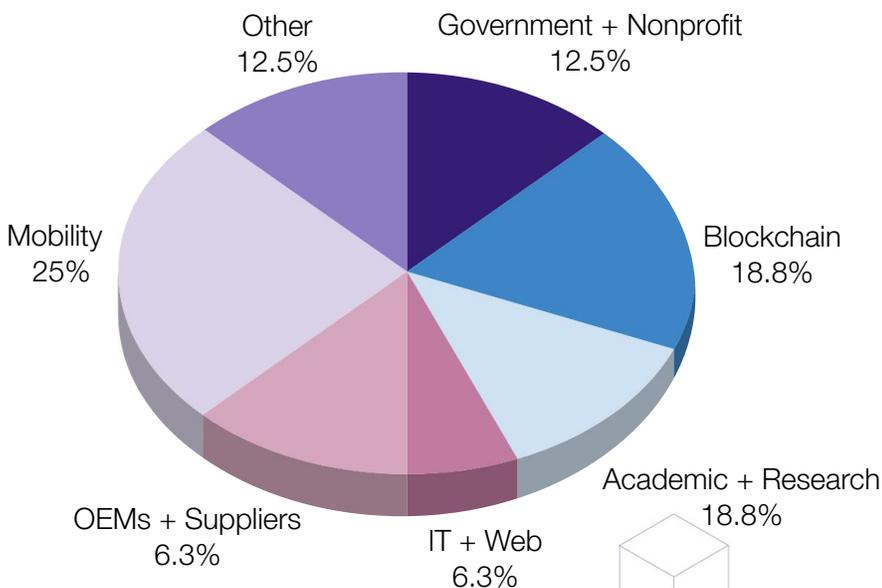
Blockchain and Distributed Ledgers are relatively new technologies in the automotive space. MOBI fulfills an important task here by addressing standardization and identifying industry needs early on.

Christian Koebel, Cyber Security Project Engineer, Honda R&D Europe

MOBI tirelessly brought together major US/Japanese car OEMs and Tier 1 suppliers, united in a common goal, to solve seemingly intractable problems from traffic congestion to securely sharing vehicle telematics, using the power of blockchain technology – and they did all this in less than 2 years of existence!

Sumita Jonak, Blockchain and Innovation Researcher, University of Texas/National Security Agency

Speaker Breakdown



MoCo Los Angeles, hosted by MOBI, was an action-packed, thoughtful and substantive event that brought together many of the world's leading practitioners and thinkers pioneering blockchain use cases in mobility

Alex Tapscott, Author, Investor, Founder, Tapscott Group

MoCo Los Angeles was impressive. Knowledgeable speakers with relevant topics around mobility and innovation.

Ted Ross, Chief Information Officer, City of Los Angeles

MOBI Grand Challenge Phase II: Citopia

The MOBI Grand Challenge is an initiative anchored in MOBI's commitment to the new economy of movement. The first phase of the grand challenge raised discussion on the future of autonomous vehicles, electric vehicles, usage based payment, and ridesharing. Building on the success of the first phase, MOBI entered its second phase, Citopia, exploring new solutions for human mobility to create smarter and greener cities while improving quality of life.

Overall Winners

First Place

Pravici's TLP Applied to Citopia Use Case

Pravici TLP allows any organization to create and manage a consortium of complementary business partners.

Organizations like governments and businesses can establish their own Blockchain consortium with a common asset and a common purpose.



Second Place

Noblis' Sustainable Pieces of Eight (Po8)

The Noblis Pieces of Eight distributed ledger system keeps a record of interactions between multiple modes of transportation including buses, trains, bike-shares and rideshares, allowing them to build a record of earned trust to facilitate future coordination.



Third Place (it's a tie)

Air Quality - empowering people

The Air Quality team developed a proof of concept for a compact mobile air quality module that can stream a wide variety of different key figures via IOTA's MAM protocol. With the use of the module, air quality data is no longer the exclusive responsibility of the government bodies, but also allows for the participation of the community. By recording many individual data points on a larger scale, more reliable and transparent data collection is also guaranteed.

Intelligent Parcels: a global blockchain parcel standard

Intelligent Parcels is an end-to-end system for the integration of external stakeholders for "hard-to-deliver" (e.g., too far off or too late) parcels on the last-mile. Intelligent Parcels enables parcel dispatchers (such as Die Post) to offer their unwanted parcel to other networks.



Category Winners

Most Creative (tie): *Sustainable Pieces of Eight & Pravici TLP Applied to Citopia Use Case*

Highest Technical Score: *Pravici TLP Applied to Citopia Use Case*

Most Feasible (tie): *Pravici TLP Applied to Citopia Use Case & NeMo - The Network for ElectroMobility*

2019 Speaker Roster

A

Adler, Jim - Toyota AI Ventures

B

Ballinger, Chris - MOBI
Bannon, Joe - KAR Global
Berg, Roger - Denso

C

Christian, Glynna - Orrick
Clift-Jennings, Allison - Filament

F

Filipowski, Michal - General Motors
Freund, Andreas - Consensusys
Fukao, Sanshiro - Itochu Research Institute

G

Gordon, Alan - Ford Motor Company

H

Hakobyan, Lucy - MOBI
Henot, Sebastien - Accenture

J

Jadav, Divyesh - IBM
Jonak, Sumita - University of Texas, National
Security Agency

K

Klepsch, Johannes - BMW Group
Köbel, Christian - Honda R&D Europe
Krishnamachari, Bhaskar - USC Viterbi

L

Levine, Lev - ZF Group
Lilani, Neel - Orrick
Lipton, Alex - SilaMoney

M

Manian, Zaki - Tendermint Labs
Meszaros, Richard - Accenture

P

Pilling, Robin - Daimler Mobility Factory Group
Pon, Bruce - Ocean Protocol

R

Rao, Shruthi - Amazon Web Services
Richards, Kevin - Bermuda BizDev Agency
Ross, Ted - City of Los Angeles
Rossant, John - New Cities Foundation
Rugg, Ryan - R3

S

Salamone, Tony - RouteOne
Smith, Anne - IOTA Foundation

T

Tapscott, Alex - Tapscott Group

W

Wunderlich, Karl - Noblis

V

Vo, Tram - MOBI
Vo, Mike - MOBI

Z

Zhao, Bin - CPChain

