

# The Power of Connectivity in the Hands of the People

Decentralized Mobile Mesh Networking Platform. Using Blockchain Technology and Tokenization.

RightMesh<sup>TM</sup> - Token Generation Event

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# Internet accessibility is a human right

\*declared by the United Nations, 2015

# Yet... 3.9 billion people (56% of the world) are unconnected

- No infrastructure
- Slow networks
- Expensive data
- Network interference



# Natural Disasters

# **Developing Nations**

# Public Unrest

Connecting the world is the RIGHT thing to do.

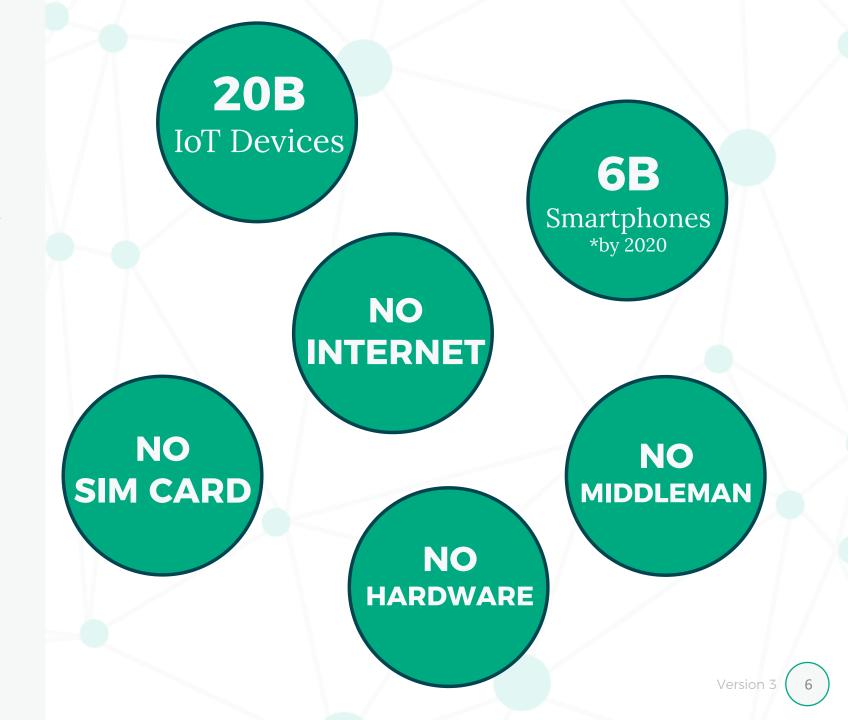
People around the world need connection that does not depend on expensive and fallible infrastructure or on central control.

### Mobile Mesh Network

+

Token Incentivization

The RightMesh Solution





Connects when all else fails.

Lifts millions out of poverty with connectivity.

Puts the power of connection in people's hands.

## The Technology

What you need to know

The world's first software-based, ad hoc mobile mesh networking platform and protocol using blockchain technology and RMESH tokens to power growth.

# The Technology

If you want the fine print

"RightMesh is a powerful and reliable **software solution** that can be easily integrated into any application without additional hardware. **Android phones** themselves form the infrastructure. Connectivity is achieved p2p with Wi-Fi, Bluetooth, and Wi-Fi Direct, and our patent pending **switching technology** ensures data integrity. RightMesh networks are **self-forming**, **self-monitoring**, and **selfhealing** without user intervention. When a client and hotspot node find each other, they form a new mesh for people to join and share, and it grows from there. Every mesh node has an Ethereum ID and account that provides a unique identity to other users. Mesh tokens transfer from content providers and between users to reward behavior and pay for goods and services essentially helping the network to **grow** and coverage to **expand**."

"RightMesh is the sharing economy for data and device resources"



Co-founder, John Lyotier, field testing early prototype of mesh software on the streets of Dhaka, Bangladesh

2015

Co-founder, Chris Jensen, helping to connect Cuba with off grid sharing in Havana, Cuba

2016

Chief Networking Scientist, Dr. Jason Ernst, building a mesh network in Rigolet, Labrador

2017

#### Step 1

#### Step 2

# The Technology

Modes



Autonomous discovery of other users, devices, or applications.



Once another node is found, they will remain connected.

### Step 3

# The Technology

Multiple Hops

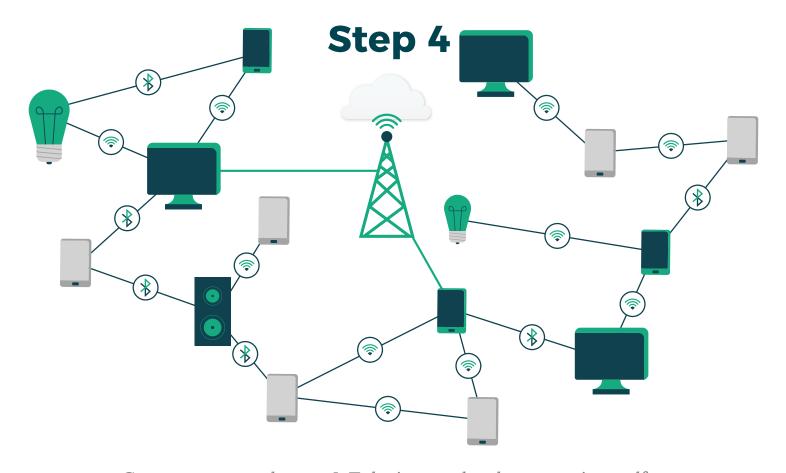


The process repeats and data is transmitted quickly via WiFi, WiFi

Direct, or Bluetooth across multiple hops.

## The Technology

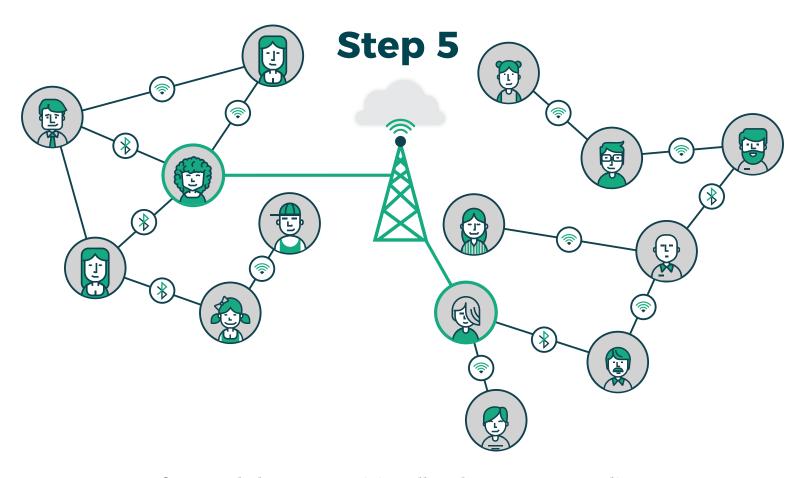
Multiple Hops Between Devices



Connects smartphones, IoT devices and web servers in a selfforming, self-healing, self-regulating mesh network.

# The Technology

Connected Nodes



If one node has connectivity, all nodes can access online application services and other global meshes.

\*General purpose internet on roadmap for late 2018

### The Tokens

What you need to know

RMESH Tokens are utility tokens that will fuel network adoption and growth.

# The RMESH Token Users, Holders, & Contributors

**App distributors** 

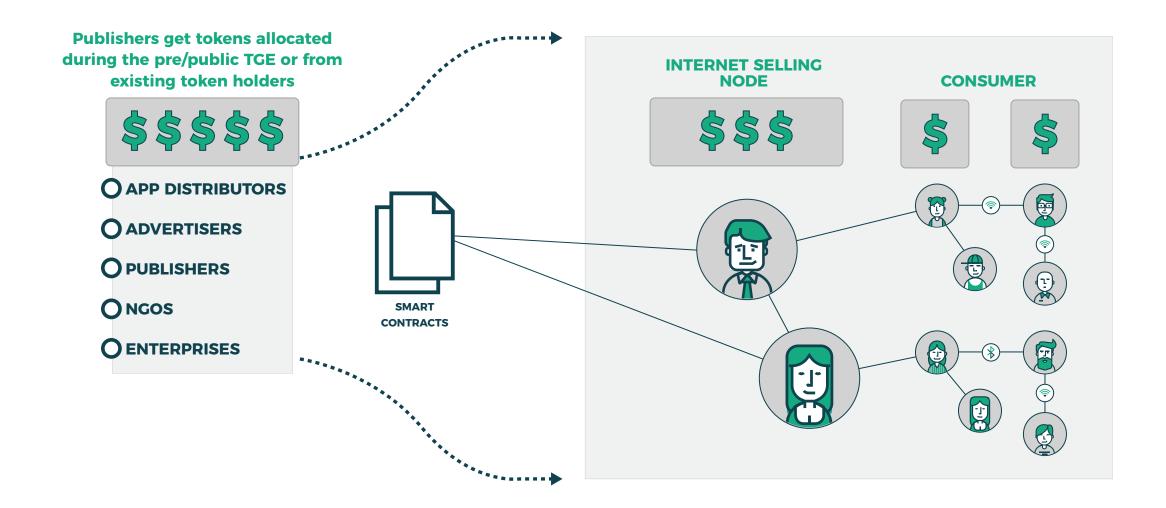
**Content producers & publishers** 

**Advertisers & consumer brands** 

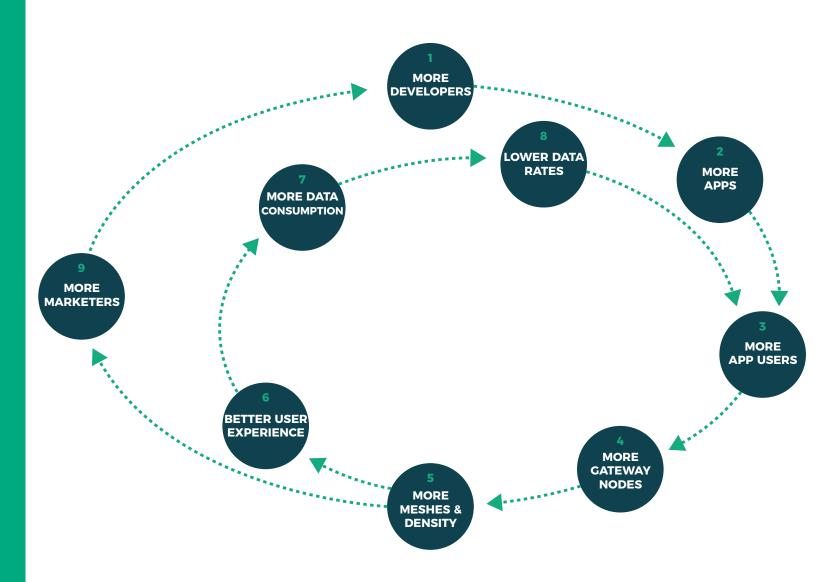
NGO and governmental agencies

**Autonomous agents & programs** 

Those who want to connect 4B users



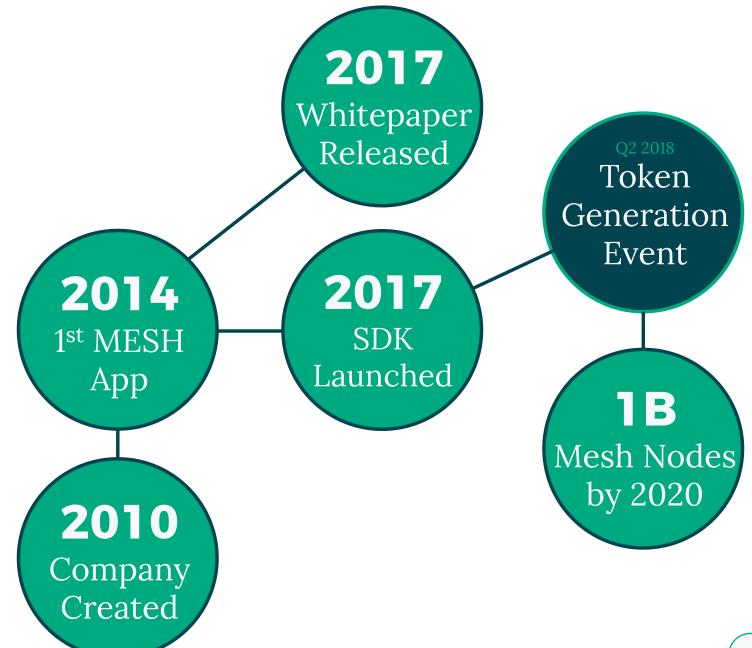
## Network Loop Effects



## The Token Generation Event

The next logical step in the RightMesh mission to connect the next billion.

The RightMesh Journey



## Total Contribution

\$30M

## The Token Generation Event

**Total Tokens To Be Generated** 

129,498,559

Pre-Allocation 20% bonus

Public Contribution

Q2 2018

## Token Allocation



#### **Public Distribution (30%)**

Public Tokens will be purchased by those who will benefit from digital access to potentially billions of previously unreachable people and untapped markets:

- App developers
- Content producers and publishers
- Advertisers
- Consumer brands
- NGOs and government agencies
- Autonomous agents and programs

## Token Allocation



#### **Other Distribution**

RightMesh AG and Community tokens (30%) will be:

- Distributed in the community to enhance network effects
- Issued to encourage partnerships
- Retained for future issuance/sale
- Subject to gradual release based on milestones

#### Team tokens (20%) will be:

- Distributed amongst more than 100+ sub-contractors, agents, affiliated parties, and developers of the RightMesh project
- Subject to gradual release over a 2-year period

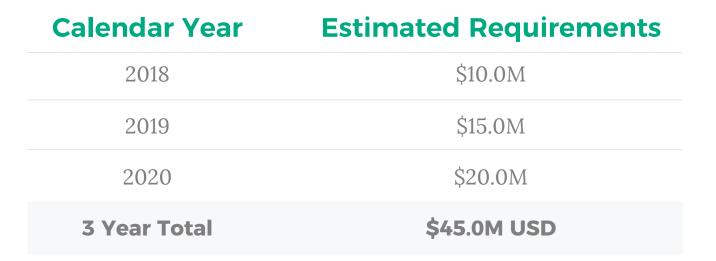
#### Advisors and TGE costs (10%) will be:

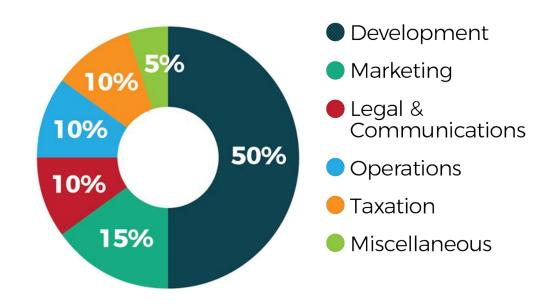
• Subject to gradual release over a 2-year period

Airdrop to Community (10%)

## Division of Funds

Proposed Budget (2018 to 2020)





## Our Team is our Advantage

Technical Leadership Team For RightMesh Project



Dr. Jason Ernst **Chief Networking Scientist** 

PhD, Mesh Networking; M.Sc. Scheduling Techniques for Wireless Mesh Networks; Adjunct Professor, University of Guelph; Member-At-Large for the ACM Future of Computing Academy previously CTO of Redtree Robotics; published expertise in wireless networks, cognitive agents, FPGAs, and soft-computing topics.



Saju Abraham Chief Product Officer

Bachelor's degree, Computer Science and Engineering; Postgraduate degree, Business Management; multifaceted experience as software engineer, architect and product manager for mobile and wireless technologies at Lucent Technologies, Movius, NEC, OnMobile, Telefónica and others.



Dr. Zehua (David) Wang Applied Research Engineering Scientist

PhD (Four-Year-Fellowship), University of British Columbia; research fellow at UBC; faculty member, School of Business at Kwantlen Polytechnic University; technical program committee (TPC) Co-chair of 2017 IEEE SmartMM; TPC member for IEEE ICC, IEEE Globecom, IEEE VTC; published expertise in peer-topeer networks, wireless social networks, cloud and edge computing, Internet of Things and use of optimization and game theories to solve economic problems.



Lucien Loiseau Lead Mesh Networking Scientist

Lucien has spent the last decade working on the field of computer networks with a focus on wireless mesh technologies in which he holds a PhD from the Institut Mines-Télécom at Rennes. He has a passion for enabling communication between people and devices by building new channels of communication and innovative ways to get around any obstacle that could get in the way of the data flow.

## Our Team is our Advantage

Corporate Leadership Team



John Lyotier Co-founder and CEO



Alyse Killeen **Executive Strategist** 



**Dana Harvey** Chief Communications Officer



Chris Jensen Co-founder and COO



Melissa Quinn Corporate Development Manager



**Tracy McDonald** Director, Talent and Culture

# Boris Mann

**Boris Mann**Co-founder, Frontier Foundry Corporation



**Jason Butcher** Co-founder, Parallel Payments



**Les Borsai**Mobile Growth and Licensing

# Our Team is our Advantage

Advisors



**Scott Robinson**Founder & VP, Plug and Play FinTech,
Member of the Board, Plug and Play



**Micha Benoliel**Co-Founder at Open Garden Inc.



**Dr. Daniel Gillis**Associate Professor, Statistician,
Director of PSEER



**Nir Kshetri**UNCG Professor and Author



**Agnes Budzyn**Office of the Founder, Managing
Director at ConsenSys



**Stefan Jespers**CEO of IMSolutions & Cryptocurrency
Expert

# Our Team is our Advantage

Directors

RightMesh AG is a Swiss company with a culturally-and gender-diverse team with representatives in Switzerland, Canada, Bangladesh, Singapore and the United States. More than 100+ Scientists, Developers, Entrepreneurs, Business Strategists, and world class experts in mesh technologies and blockchain are working together to build a new paradigm for connectivity.

#### **Board of Directors of RightMesh AG**

**Chris Jensen** 

Canada

**John Lyotier** Canada

Slavik Viner
United States

Paul Keating

Spain

**Guido Schmitz-Krummacher** Switzerland





## Our Team is our Advantage

**FASKEN** 



Partners









#### **John Lyotier, CEO**

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Twitter: @lyotier Medium: @lyotier

#### **Chris Jensen, COO**

Email: chris@rightmesh.io

#### Melissa Quinn, Corporate Development Manager

Email: <a href="mailto:melissa@rightmesh.io">melissa@rightmesh.io</a>
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RightMesh.io/whitepaper