About Eureka Park at CES

Eureka Park, co-founded by the National Science Foundation (NSF) in 2012, is ground-zero for startups at CES. Innovation leaders and general attendees explore this densely packed, exciting space to discover startups relevant to their business, find new inspiration for their products and business models, and track innovation and tech trends across industries. Since its inception, the number of companies at Eureka Park has increased tenfold.

Almost 1,200 companies will be at Eureka Park in 2020, many of them exhibiting products that have only been developed in the past year. The companies represent a wide range of industries, with the largest percentage in Health and Wellness, Transportation and Security. While many startups exhibiting have software-centric solutions, the majority have a hardware component. In particular, consumer electronics and connected devices are the dominant tech areas within hardware.
Report Summary

The KITE team analyzed the 1,100+ startups exhibiting at Eureka Park at CES (locations [here](#)) and highlighted the key characteristics of the innovation that will be presented. The startups are analyzed across industry, technology, maturity and geography.

Over 80 percent of the companies were founded within the past 5 years. Nearly three-fourths come from Europe, Asia or Middle East/Africa.

This report, compiled by the analyst team at [KITE](#), also highlights top startups by funding status and general traction at the 2020 event.
About KITE

KITE brings you a smarter way to manage startup ecosystems through powerful, simple solutions including:

1. The KITE SRM data and knowledge management platform
2. On-demand expert analysts to map startup opportunities and deliver deep research
3. Managed Open Innovation programs to accelerate engagement with the best startups

If you need a report similar to this one – based on your startup priorities – or need support for your innovation initiatives, reach out to our team: contact@kitesrm.com.
CES STARTUPS OVERVIEW

At-a-glance view of companies across industry, technology, maturity and geography.
### TOP TECHNOLOGY AREAS BEING SHOWCASED AT CES 2020

<table>
<thead>
<tr>
<th>Area</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Consumer Electronics</strong></td>
<td>Hardware tech solutions that are designed for consumer use</td>
</tr>
<tr>
<td><strong>Artificial Intelligence</strong></td>
<td>Computer algorithms that can perform human-like tasks</td>
</tr>
<tr>
<td><strong>AR/VR</strong></td>
<td>Augmented and Virtual Reality that enhances or changes the user’s physical reality</td>
</tr>
<tr>
<td><strong>Software</strong></td>
<td>Solutions without any hardware component, typically offering software as a service</td>
</tr>
<tr>
<td><strong>Robotics</strong></td>
<td>Hardware devices powered by artificial intelligence that perform physical tasks</td>
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</tbody>
</table>

**KITE**: A smarter way to manage and discover startups. [Learn more: www.kitesrm.com](http://www.kitesrm.com)
TOP INDUSTRIES BEING SHOWCASED AT CES 2020

Manufacturing
Processes and operations involved in the production of goods

Transportation
Automotive, e-bikes and autonomous transportation

Security
Cybersecurity, general safety and personal security

Health and Wellness
Healthcare, fitness and general wellness applications

Sustainability
Solutions addressing environmental protection

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CES 2020 STARTUPS BY MATURITY

CES attracts largely early-stage companies: More than 4 in 5 startups were founded in the last five years.

85%  Early Stage (0-4 years)
10%  Growth (5-10 years)
5%   Mature (10+ years)

KITE: A smarter way to manage and discover startups. Learn more: www.kitesrm.com
CES Eureka Park includes a wide range of industries, with the highest prevalence of companies in **Health and Wellness**.

Almost a quarter of the companies at CES Eureka Park use **Artificial Intelligence** to power their solutions.
Although hardware startups are often considered to be higher risk given the investment required to build physical products, the majority of startups hosted at Eureka Park are developing hardware products. These solutions are typically consumer focused, and Consumer Electronics is the largest technology area represented.
CES Eureka Park companies span the globe, with over 70% coming from outside North America.
TOP COMPANIES OVERVIEW

These startups – top 10 overall– were selected based on their funding status and general traction.
**TOP 10 STARTUPS AT CES 2020**

The top companies at CES Eureka Park primarily consist of **Health and Wellness companies using IoT technology.**

<table>
<thead>
<tr>
<th>Company</th>
<th>Summary</th>
<th>Stage</th>
<th>HQ Location</th>
</tr>
</thead>
</table>
| **1**  
HumanCharger® | Pocket-sized products that channel bright light through the ear canals into the brain and help to remove seasonal effective disorder symptoms | Early Stage | Oulu, Finland       |
| **2**  
TIVIC HEALTH | A bioelectronic therapeutic device designed to reduce sinus congestion | Early Stage | Menlo Park, CA      |
| **3**  
hiber. | Provider of a nano satellite platform intended to provide low-cost IoT data connectivity for sensors globally | Early Stage | Amsterdam, Netherlands |
| **4**  
lumen | A small, portable breathalyzer that measures metabolism through the breath in real-time and changes the way people eat and manage their bodies | Growth | Ramat Hasharon, Israel |
| **5**  
TRIYE® | Semiconductor products designed to offer disruptive short-wave infrared service | Early Stage | Tel Aviv, Israel    |
## TOP 10 STARTUPS AT CES 2020

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<tr>
<td>6 neteera</td>
<td>Developer of a disruptive sensing technology designed to enhance customer engagement and care by monitoring their well-being and vital signs</td>
<td>Early Stage</td>
<td>Jerusalem, Israel</td>
</tr>
<tr>
<td>7 GROOVE X</td>
<td>Robots that are specifically created to accompany people at an emotional level and offer feelings of warmth</td>
<td>Growth</td>
<td>Tokyo, Japan</td>
</tr>
<tr>
<td>8 NOWi</td>
<td>Provider of a semiconductor intended to continuously bring energy to your device in the form of batteries or power cables</td>
<td>Early Stage</td>
<td>Delft, Netherlands</td>
</tr>
<tr>
<td>9 NAWA TECHNOLOGIES</td>
<td>Ultra-rapid batteries that aim to reduce carbon dioxide emissions from the use of fossil fuels by facilitating the integration of renewable energies into the smart grid</td>
<td>Growth</td>
<td>Rousset, France</td>
</tr>
<tr>
<td>10 isorg</td>
<td>Organic and printed electronics designed to evolve traditional organic-conductor and semiconductor materials with a disruptive technology</td>
<td>Growth</td>
<td>Grenoble, France</td>
</tr>
</tbody>
</table>
Company Name: HumanCharger

Logo: HumanCharger®

Year Founded: 2010

Total Raised (in million $): $10.5M

Funding Stage: General VC

HQ: Oulu, Finland

Website: https://www.humancharger.com/

PROFILE OVERVIEW: HUMANCHARGER

Developer of light therapy devices designed to focus on harnessing the benefits of bright light for both mind and performance. The company's light therapy devices are pocket-sized products that channel bright light through the ear canals into the brain and help to remove seasonal effective disorder symptoms (S.A.D), enabling consumers to increase energy levels, improve mood, increase mental alertness and reduce the effects of jet lag.
**Profile Overview: Tivic Health**

Developer of a bioelectronic therapeutic device designed to reduce sinus congestion. The company's device is a chemical-free treatment that is easy to use and provides quick, convenient relief from sinus pain caused by allergic rhinitis, allergies from dust, mold, pollen and pet dander, enabling patients to reduce allergy sinus pain without chemicals or drugs within minutes.

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Tivic Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year Founded</td>
<td>2016</td>
</tr>
<tr>
<td>Total Raised (in million $)</td>
<td>$10.95M</td>
</tr>
<tr>
<td>Funding Stage</td>
<td>Seed</td>
</tr>
<tr>
<td>HQ</td>
<td>Menlo Park, CA</td>
</tr>
<tr>
<td>Website</td>
<td><a href="https://tivichealth.com/">https://tivichealth.com/</a></td>
</tr>
</tbody>
</table>
Nano satellite platform intended to provide low-cost IoT data connectivity for sensors globally. The platform provides easy, low-power network access to all things and delivers small data packages facilitating actionable insights from anywhere. Its modem can be easily installed in any monitoring device, enabling users to gather information from anything and from any location in the world.
**PROFILE OVERVIEW: LUMEN**

Developer of weight-management mobile application designed to change the way people eat and manage their weight. The company's app is based on a small portable breathalyzer that measures metabolism through the breath in real-time and changes the way people eat and manage their bodies to live a healthier life. Users get a full understanding of whether they are on a trend to lose or gain weight, and the app offers knowledge about the tools to control their weight.

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Lumen</th>
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<tbody>
<tr>
<td>Logo</td>
<td>Lumen</td>
</tr>
<tr>
<td>Year Founded</td>
<td>2014</td>
</tr>
<tr>
<td>Total Raised (in million $)</td>
<td>$17.3M</td>
</tr>
<tr>
<td>Funding Stage</td>
<td>Series B</td>
</tr>
<tr>
<td>HQ</td>
<td>Ramat Hasharon, Israel</td>
</tr>
<tr>
<td>Website</td>
<td><a href="https://www.lumen.me/">https://www.lumen.me/</a></td>
</tr>
</tbody>
</table>
Company Name | TriEye
---|---
Logo | ![TriEye Logo](triye.png)
Year Founded | 2016
Total Raised (in million $) | $22M
Funding Stage | Series A
HQ | Tel Aviv, Israel
Website | [https://trieye.tech/](https://trieye.tech/)

**PROFILE OVERVIEW: TRIEYE**

Developer of semiconductor products designed to offer disruptive short wave infrared service. The company's products are used to accelerate pixel level in a camera, which solves the automotive low-visibility challenge with a cost-effective and high-resolution SWIR solution. Their products enable autonomous vehicles to have perfect sight under any lighting and weather conditions.
PROFILE OVERVIEW: NETEERA

Developer of a disruptive sensing technology designed to enhance customer engagement and care by monitoring their well-being and vital signs. The company's Terahertz technology comprises a combination of innovative CMOS based sub-THz sensor and proprietary software and algorithms for signal processing and data interpretation and helps in imaging through a variety of non-transparent and non-conductive materials. It can measure micro-movements as well as molecular spectral fingerprints, enabling clients to monitor the mechanical activity of the heart (BCG) resulting in an accurate ECG equivalent data.
PROFILE OVERVIEW: GROOVEX

The company's robots, a highlight of CES 2019, are specifically created to accompany people at an emotional level and offer feelings of warmth, enabling users to receive emotional support in an environment where aging of society, nuclear families and dual-income families have become an issue.

<table>
<thead>
<tr>
<th>Company Name</th>
<th>GrooveX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logo</td>
<td><img src="image" alt="GrooveX Logo" /></td>
</tr>
<tr>
<td>Year Founded</td>
<td>2015</td>
</tr>
<tr>
<td>Total Raised (in million $)</td>
<td>$52M</td>
</tr>
<tr>
<td>Funding Stage</td>
<td>Series A</td>
</tr>
<tr>
<td>HQ</td>
<td>Tokyo, Japan</td>
</tr>
<tr>
<td>Website</td>
<td><a href="https://groove-x.com/">https://groove-x.com/</a></td>
</tr>
</tbody>
</table>
Provider of a semiconductor intended to continuously bring energy to your device in the form of batteries or power cables. The company's technology captures ambient energy sources such as light, temperature gradients or radiofrequency to convert and use it to power IoT devices, providing clients with lasting power sources to IoT devices, such as smartwatches and sensors.
Developed of supercapacitor electricity storage devices. The company's interface materials and ultra-rapid batteries aim to reduce carbon dioxide emissions from the use of fossil fuels and also the over-consumption of electronic components. Nawa Technologies facilitates the integration of renewable energies into smart grids, enabling customers to have electrical storage in a more efficient and environmentally friendly way.
Developer of organic and printed electronics designed to evolve traditional organic-conductor and semiconductor materials with disruptive technology. The products are prepared with deposition of organic photosensitive layers on top of a transistor matrix, enabling clients to get high-resolution image sensors. Applications include multi-finger authentication on smart devices, access control and automatic inventory management.
Extend your team and expertise to source the best partners.

Define opportunity areas and centralize all innovation activity.

Map and recruit startups in each opportunity area.

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Solve pain points to optimize innovation workflow.
Please get in touch with us to meet at CES or learn more.

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