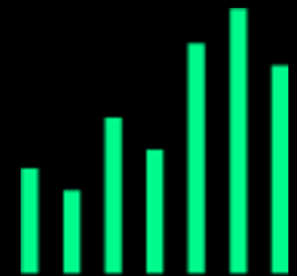


# IoT Product Vignette

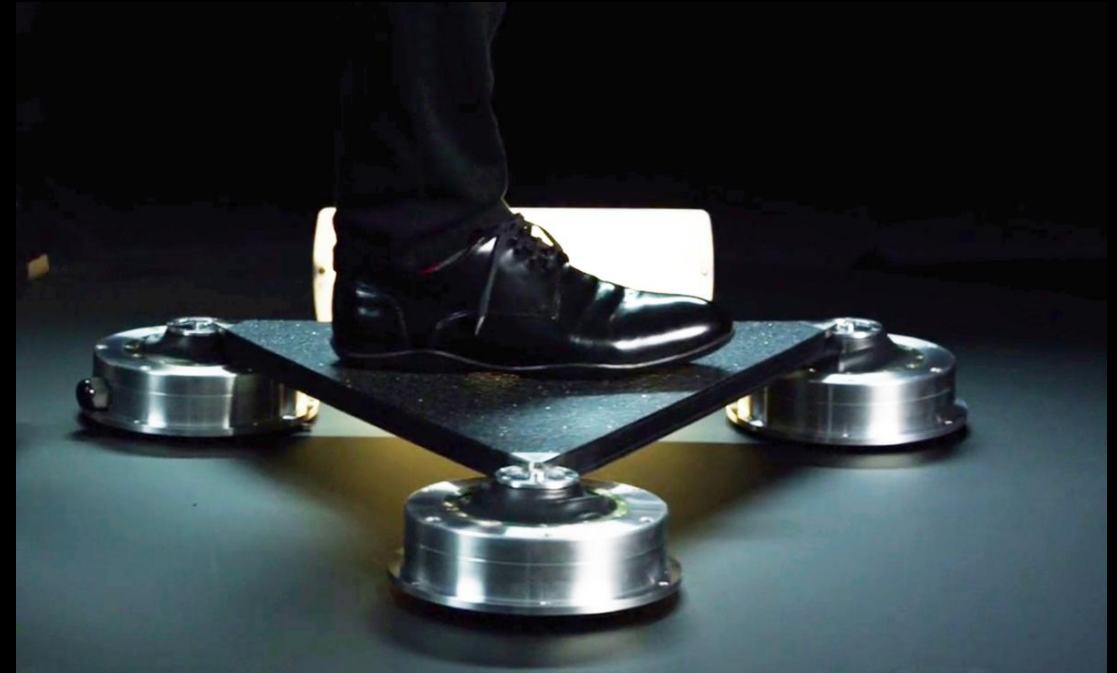
PAVE GEN

The Future of Flooring



# Floor / Energy / Data

- The Pavegen technology is a multifunctional custom flooring system.
- As people step on the tiles, their weight causes electric-magnetic induction generators to vertically displace, which results in a rotatory motion that generates off-grid electricity.
- Additionally, each tile is equipped with a wireless API that transmits real-time movement data analytics, whilst directly producing power when and where it is needed.
- Pavegen is also able to connect to a range of mobile devices and building management systems

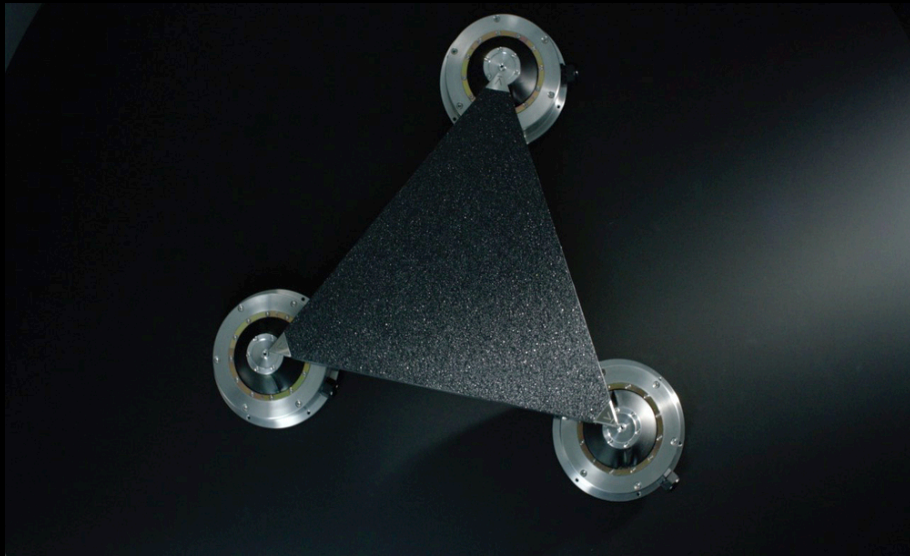


**Dimensions** : 500mm each edge

**Power rating** : 5 Watts continuous power from footsteps

**Voltage** : 48V (Range 12V - 48V)

**Materials** : Steel, recycled Aluminium, Composite.



The tile, which is both **Bluetooth-** and **WiFi-enabled**, provides **analyses of consumer patterns** by tracking footfall and heat mapping.

It is extremely **high fatigue resistance**, and **stand up to vandalism** as well as **extreme weather, from -40 degrees to +100 °C**





The Pavegen project in Rio

me.Click() ▲

// the energy of footsteps