



ohmio
conductors of **heat**

backed by

IAG CAPITAL PARTNERS

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Executive Summary



- OhmIQ is looking to raise a total of **\$10 million** for commercial growth.
- OhmIQ aims to be the leader in conducting heat.
- We currently own **more than a 129 patents** globally that protect our offering significantly.
- OhmIQ has **signed agreements** with market leaders for deals within impactful markets.
- Backed by large **private investment firm** and looking for strategic partners in the green energy space.
- OhmIQ is operated by a team of **highly experienced executive leaders and industry experts.**



What is OhmIQ



OhmIQ technology is the most energy efficient and revolutionary direct heating solution. In dwelling heating applications, OhmIQ will dramatically increase energy efficiency and reduce greenhouse gas emissions either as stand alone or in combination with heat-pumps.

In professional appliances requiring hot water and steam, the elimination of scaling and precise control provide fast, efficient and scale free operation thus reducing maintenance costs and improving energy efficiency.

OhmIQ technology is superior to traditional resistance elements due to its:

- *Time to temperature*
- *Non-scaling*
- *Sustained energy efficiency*
- *Temperature precision*



What problem are we solving

Although this technology is applicable for many projects, the major problems in **resistance heaters** are:



They scale!

- Over time this makes them less energy efficient and eventually burn out. If you're talking about potable water (like coffee) it also deteriorates the flavor as scaling are minerals being hardened and thus no longer in the water. It's the minerals creating the flavor.

Inaccurate temperature control

- There are only two modes on a resistance heater, on and off. So there is constant overshoot of temperature before it switches off and then under performance before it switches on again.

Energy inefficient

- The most efficient resistance element at the moment is about 93% and that performance deteriorates with 10% for each mm of limescale that attaches to it.

Time to temperature / uneven heating

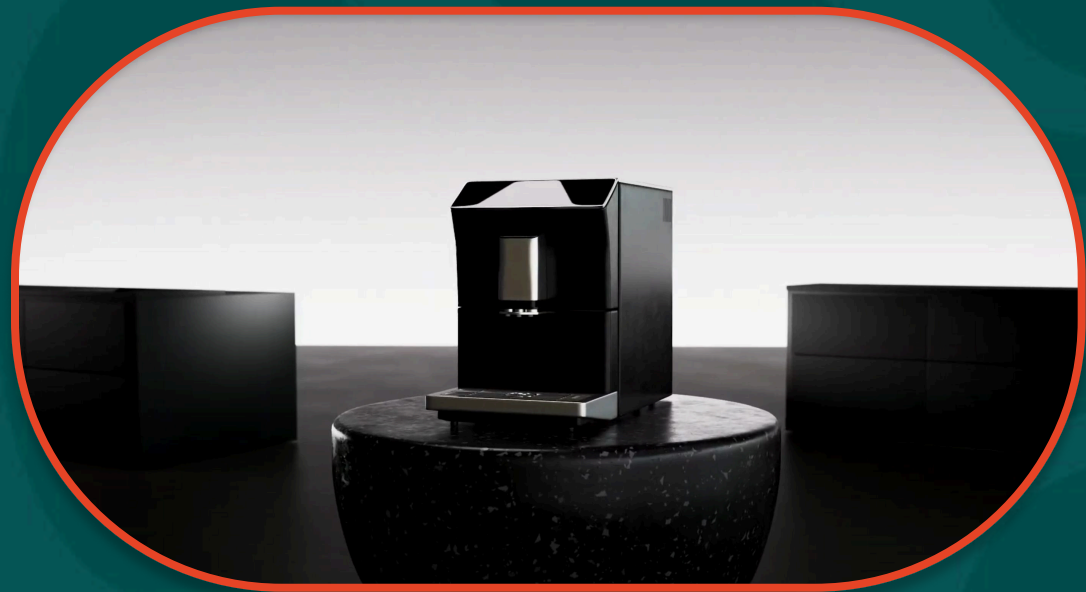
- Resistance heaters have to heat up to an incredibly high temperature and then that heat needs to spread from one cell to the other. Taking time before the entire quantity of water is heated.

Unrecyclable

- Every year a lot of metal is being thrown away by tossed resistance heaters. The problem is that, once they are scaled up, it's almost impossible to get it off. Certainly not in a cost-efficient matter.



Why is OhmIQ the solution



OhmIQ doesn't scale!

- OhmIQ technology only gets as hot as the water it is in, which is not high enough for scale to form on the heating elements, dramatically increasing uptime and product longevity.

Accurate temperature control

- We reach superior temperature precision using proprietary electronic control to safely and securely passing a current through the liquid we heat. By controlling the speed of that movement more precisely, we get more precise and sustained temperature control.

Energy efficient

- Our prototypes are currently achieving 96% efficiency. Production units will achieve 99.7% efficiency

No time to temperature / even heating

- OhmIQ technology heats all the cells simultaneously, which makes it faster and more even.

Easily recyclable

- Unlike scaled up resistor heaters our products don't need extensive treatment to be recycled.





Market size

Global hot beverage market:

- Total market: **\$11 billion**
- Total serviceable market: **\$1 billion**

Cold climate commercial real estate:

- Total market: **\$13 billion**
- Total serviceable market: **\$7 billion**

Global professional kitchen market:

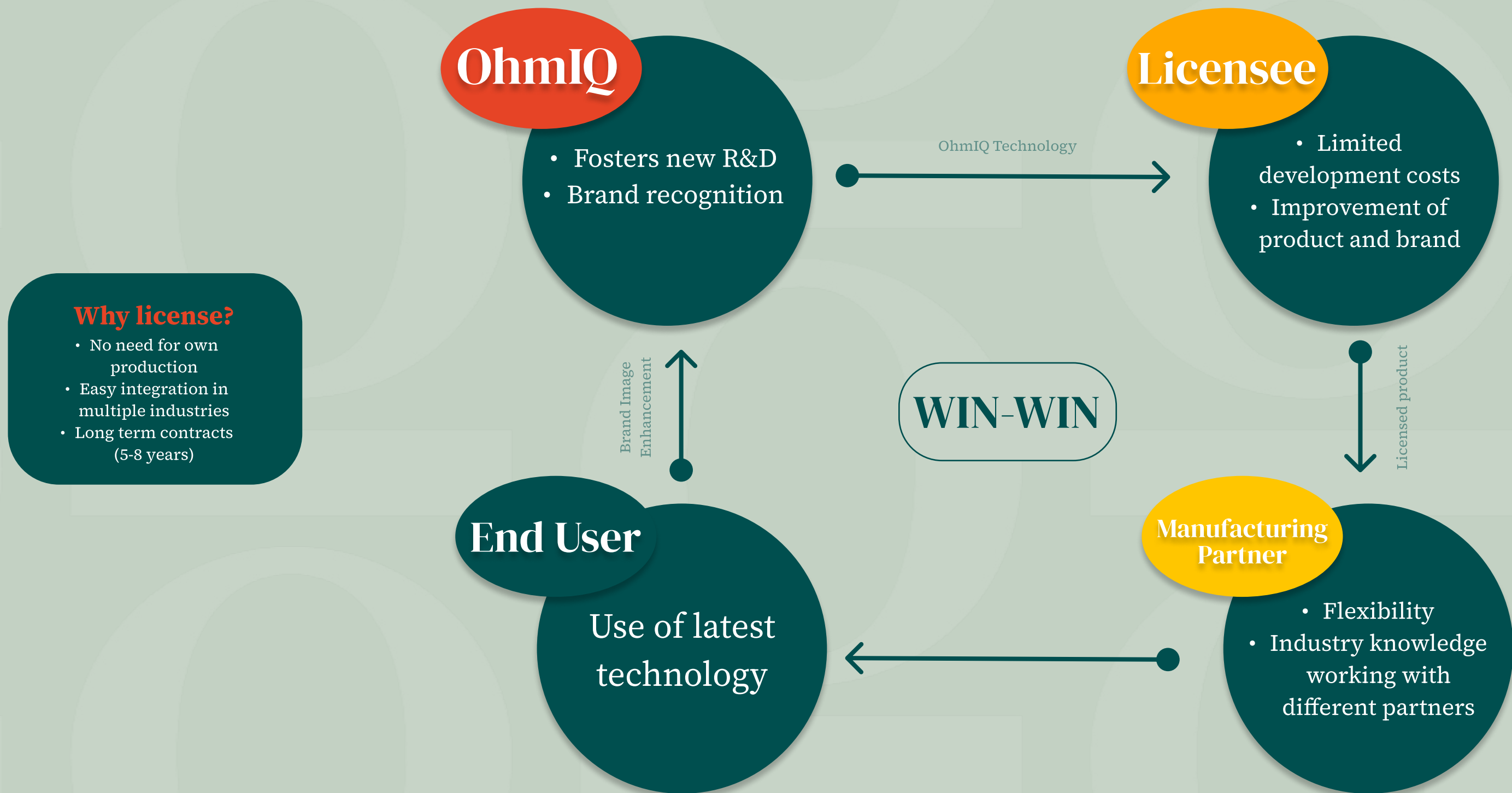
- Total market: **\$8 billion**
- Total serviceable market: **\$2 billion**

Global food processing market:

- Total market: **\$14 billion**
- Total serviceable market: **\$10 billion**



Business model



About our team



Frederique Pirene
CEO

Fred brings over 2 decades of international business to fuel OhmIQ's growth including running the 1.2 billion euro AEG brand. His career provided him with an extensive network within the appliance, professional kitchen and food processing industry, as well as commercial real estate. All industries in which OhmIQ can make a difference.

Neil's marketing experience spans diverse industries. He has put global beer brands such as Stella Artois and Staropramen on the map, revamped Western Unions brand and drove Electrolux Europe to new digital heights. In the meantime he also picked up quite some experience in building groundbreaking partnerships. Exactly what a young brand like OhmIQ needs



Neil Gannon
CMO



Bruce Hayes
CPO

As Chief Partnership Officer, Bruce takes care of all strategic relationships with both licensees and manufacturers. His extensive experience in quality and supply chain at Motorola and ADT, as well as his role as COO of Savant bring great operational experience to the team.



Greg Lyon
Innovation
Director

With over 320 patents in his name, Greg has over 40 years experience in innovation and R&D supporting firms such as Thomas Instrument, IBM, Drive Medical, Danahar Motion and many more. Greg has over 18 years of working with Ohmic technology in different applications.

Making sure our technology adapts and integrates seamless with other products, Robert drives our integration engineering team. He has a long history in running complex programs crafted lean methods for tracking performance during aggressive timelines. For example, he led the transition for the C-17 training system overseeing everything from construction and infrastructure to the transfer and reassembly of top-secret assets.



Robert Brunson
Integration
Director

Traction



We are starting by introducing technology through professional coffee machines.
We have aligned the **three largest players** in that market involved in integration projects:

We have advanced collaborations and signed contracts with each of these companies; this provides OhmIQ with a clear route to extend into other categories these companies are active in.



- **Three new products** that can be used across different industries
- **Four new patents** based on our core technology
- **Six** potential licensees
- Built a strong team of industry experts, supported by a robust network of **specialty contractors**.

Since 2006, covered by **136 patents** globally.



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**Thank you for
your attention!**

