

Boston Metal is commercializing Molten Oxide Electrolysis (MOE), a tonnage metals technology platform powered by electricity, to decarbonize steelmaking and transform how metals are made. MOE provides the metals industry with a scalable, cost-competitive and green solution for the production of steel and high-value metals from a variety of feedstocks and iron ore grades. Backed by visionary investors and led by a world-class team, Boston Metal is headquartered in Woburn, Massachusetts and has a wholly owned subsidiary in Brazil. Learn more at [www.bostonmetal.com](http://www.bostonmetal.com).



Boston Metal's facility under construction in Minas Gerais, Brazil

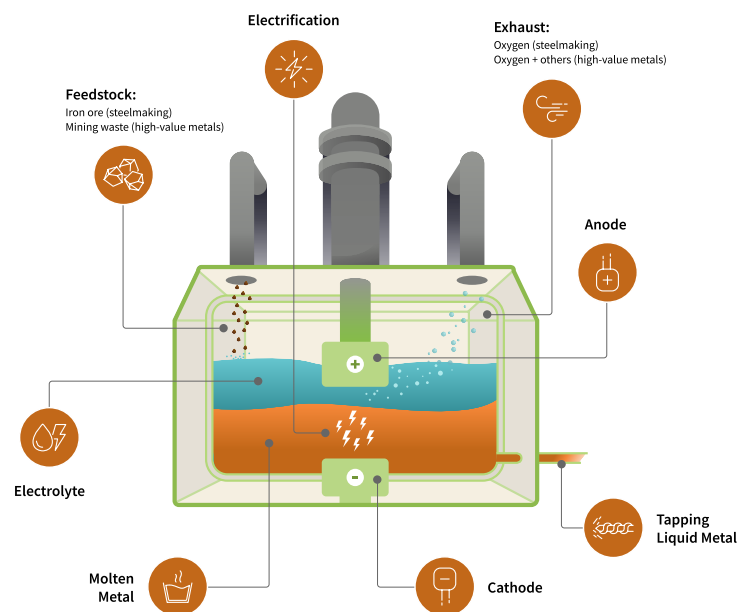
## Our technology

When applied to steelmaking, MOE replaces fossil fuels with renewable electricity to convert all iron ore grades into steel through an energy efficient, one-step process that has the potential to cut nearly 10% of the world's carbon emissions. MOE eliminates multiple steps in traditional steelmaking, like coke production, iron ore sintering and pelletizing, blast furnace reduction and basic oxygen furnace refinement. The modular MOE cells can be scaled to reach capacity targets and do not require process water, hazardous chemicals or rare-metal catalysts.

Once this groundbreaking steel decarbonization technology becomes commercially available in 2026, steel producers will be able to cost-effectively achieve net-zero Scope 1 and 2 emissions to meet the growing global demand for green steel.

MOE also offers a sustainable and profitable solution for the mining industry as it can be used to extract valuable metals from complex, low-concentration materials that are currently considered waste. This enables mining companies to leverage a natural by-product of metal production to create new revenue streams.

### MOLTEN OXIDE ELECTROLYSIS (MOE)



## By the numbers

Over **\$350 million** raised as of September 2023  
**170+** employees

**2013**

Company founded

**2018**

First venture capital round

**2022**

High-value metals subsidiary opened in Brazil

**2024**

First revenues from MOE high-value metals business anticipated

**2026**

Expected commercial deployment of MOE steel

## Our team

From a small group of visionary researchers, engineers and metallurgists, we've grown to a team of over 170 professionals – and counting.

### LEADERSHIP

**Tadeu Carneiro**  
Chairman & CEO

**Itamar Resende**  
President, Boston Metal do Brasil

**Fernanda Fenga**  
SVP, Corporate

**Kleber Sernik**  
SVP, Operations & Technology

**Adam Rauwerdink**  
SVP, Business Development



Boston Metal team in front of semi-industrial MOE cell in Woburn, Massachusetts

## Investors



## Awards

