For all industries with extreme temperatures and working conditions, Calderys is there for you. Combining a global network with local expertise, we offer customised solutions wherever you are: from monolithic refractory to bricks and precast shapes to a full range of engineering and installation services.

**KEY POINTS**

- Over 100 years of refractory experience
- Over 2,300 employees across 33 countries
- 19 plants in 16 countries totaling 600,000 tons capacity
- Annual revenue of over €500 million
- 1 Global Technology Centre and 15 Customisation Labs
- 150 major projects implemented every year
- Wholly-owned subsidiary of Imerys Group
INSTALLATION TECHNIQUES

- Casting / vibrating / rodding behind formwork
- Self-flowing for thin linings
- Gunning and low porosity gunning for thick linings
- Low porosity paint gunning for thin linings on tubes
- Spraycasting for speedy installation
- Ramming for easy repairs

Find Out More
Incineration of waste, biomass, and coal creates extreme conditions for boiler technology to withstand, where a refractory partner like Calderys is essential.

**CALDERYS** puts years of global experience in waste-to-energy, biomass energy, coal-fired power, and gasification to work for you. Our full range of products and services is trusted by the top boiler operators and OEM / EPC players worldwide, covering all needs from **maintenance** to management of full **turnkey projects**.

**CALDERYS** engineers take the time to understand the specificities of your operations, always keeping in mind the economics of your **energy recovery**.

Thanks to our extensive process knowledge we understand the ideal refractory recommendations for common issues such as:

- Highly oxidising conditions
- Unpredictable chemical reactions
- Aggressive slag in the combustion area

**Global References**

Ask us about our **global references** for key boiler & incinerator technologies such as:

- CFB Boilers
- Fluidised Bed Boilers
- Grate-Fired / Traveling Grate Boilers
- Rotary Kiln Incinerators
- Pulverised Fuel Boilers (PF / PCF)
- Gasifiers
OUR SERVICES

Project Management
Calderys has years of experience delivering full package projects of any size, from initial refractory design to material selection to supervision and installation on-site.

Installation
From on-site delivery of spraycasting or gunning equipment to providing a full certified team for a worry-free installation Calderys will find the best service solution for you.

Engineering
Our experts will provide you with customised refractory designs, focusing in on energy saving for high thermal efficiency and low installation downtime for highest productivity.

Maintenance
We offer regular and predictive maintenance as well as rapid round-the-clock response to emergencies, giving you peace-of-mind.
Calderys has a **complete range of refractory products** based on technological needs and customer preferences: from monolithics to SiC tiles to insulation fibres. We have it all.

**Trusted insulating products**

High-quality castables combining **safe and efficient** installation with **strong insulating properties**: Extra-light (XL), Light-weight (LW), and Medium-weight (MW) options.

**World-famous SPRAYCAST line**

These high-quality castables are installed by fast wet shotcreting, without moulds, where the installation can go many times faster than the casting, and the quality being much higher thus cannot be compared to that of traditional dry gunning. The innovative total solution from Calderys goes beyond the materials, with machines and processes specially designed to maximise your productivity.

**Innovative tile system**

Calderys experts have developed an exclusive composite tile system with an interlocking design that provides the **highest possible resistance and durability** along boiler & incinerator walls.

**Monolithic innovations**

Thanks to our global network, Calderys continuously exchanges innovation ideas to keep delivering to our customers **longer campaigns and shorter downtimes**. Ask us about our latest innovations like CALDE® SEAL or the Sol-gel binding system.
At Calderys, innovation is a key priority keeping us proactive to better anticipate customer needs and market trends. Discover some of the main elements of our innovation philosophy.

**Beyond product development**

Innovation at Calderys goes beyond products: We are pioneering new **installation techniques**, improving **equipment** to deliver higher yields, and creating new **services** to always bring more value to our customers.

**Global network**

Calderys leverages global expertise & resources from the worldwide Imerys group.

**Local adaptability**

15 strategically-located Customisation Labs around the globe to meet country-specific demands with fast response time.

**Advanced project management**

We use the latest digital tools to ensure the most efficient path from idea generation to product launch.

**Safety focus**

Beyond strict safety protocols in our labs, we deliver safer new products & installation processes (i.e. to reduce air pollution, optimise formulas for higher health standards).