

## Australian Vanadium 计划在西澳大利亚州开发强劲的长寿命钒项目

尽管受 COVID 疫情限制，但 [Australian Vanadium Ltd \(ASX:AVL\)](#) ([OTCMKTS:ATVVF](#)) 仍在努力工作，以开发相关技术并制定可行的采矿计划。

常务董事 Vincent Algar 表示，该公司已经通过围绕炉排窑技术的美国试点工厂工作取得了多项重大突破，这些技术证明了钒的焙烧具有能源效率和适应性。

### 粒化工艺

Algar 说：“我们所做的独特之处在于，我们采用了商业上非常稳定的粒化工艺，并将其应用于钒精矿。

“我们发现，当使用焙烧和浸出颗粒时，它们能够比通常情况下更容易地将钒的排放量降低至少 8%。

“我们在前门中使用相同的材料，并从后门中获取了 8% 的钒。

“这项工作以前也做过，但从未完成过整个流程，而且从来没有以这种特殊方式通过随处可用的现成铁矿石技术来完成。”

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## Australian Vanadium aims to develop robust, long-life vanadium project in WA

[Australian Vanadium Ltd \(ASX:AVL\)](#) ([OTCMKTS:ATVVF](#)) has been working hard despite COVID restrictions to develop technology and a mine plan that can go the distance.

Managing director Vincent Algar said that the company had been able to make several significant breakthroughs with pilot plant work in the US around Grate Kiln technology which had demonstrated energy efficiency and adaptability for vanadium roasting.

### Pelletisation approach

Algar said: “What we’ve done that’s unique is we’ve taken the pelletisation process which is commercially very robust, and we’ve applied it to our vanadium concentrate.

“We’ve found that when we use the roast and leach the pellets, they are able to give up their vanadium much more readily to the tune of another 8% than what would normally happen.

“We’re taking the same material in the front door and getting 8% more vanadium out the back door.

“It’s been done before but it’s never been done for the full-scale process, and it’s never been done in this particular way with the off the shelf iron ore technology that’s available everywhere.”

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