



## Entech company Arq presents exciting new investment opportunity to reinvigorate the global mining industry

- Entech company Arq Group Ltd. (Arq) launched in October 2017
- Arq Technology™ reclaims hydrocarbons from coal waste to produce Arq Fuels™, designed for blending with liquid fuel oils and mixing with traditional coals
- The market opportunity for Arq Fuels™ is estimated at \$2 trillion per year
- To date, Arq has raised over \$175 million. In its current round of fundraising, Arq is looking to raise a further \$50 million

**London, 27 November 2017** — Entech company Arq Group Ltd. (Arq) launched in October 2017. It's patented process (United States Patent & Trademark Office, Patent No. 9777235) transforms coal waste into high-value, low-cost fuels ready for today's market.

Arq Technology™ reclaims hydrocarbons from coal waste for upgrading liquid fuel oils and traditional coals. The company's product (Arq Fuels™) is up to 99% pure and with particles predominantly less than 5 microns in size. Its primary application is for blending with liquid fuel oils, helping 'stretch the barrel' for global oil distributors. It is also suitable for mixing with traditional coals. The result is a higher-value source of energy that helps make the world's resources go further.

Julian McIntyre, Founder & CEO of Arq says:

*"A unit of energy generated from oil is currently valued at six times the value of the same unit produced by coal. Arq Technology™ and Arq Fuels™ present an opportunity to upgrade coal into higher-value fuel products. We estimate that closing the difference in the value of a unit of energy produced between coal and oil is a market worth up to \$2 trillion a year."*

Arq Technology™ was developed by a team of around 30 scientists, led by Dr Paul Snaith, who was previously the global head of R&D at Shell. The business has been developed by Michael Treanor, who was the former CEO of Shell Coal. Arq's operations are run by Paul Groves, who was an MD at Petrofac.

The company is first targeting the Marine and Stationary RFO markets, whose combined global volume is estimated at 400 million tonnes per year. Arq RFO blends meet all relevant technical specifications for entry into these markets.

Arq is currently in the construction phase of its first commercial facility at Corbin, KY in advance of a rapid plan for global expansion. Arq is partnering with the world's largest coal companies on the supply side, and with global oil distributors on the demand side.

Arq has already raised over \$175 million from industry investors and blue-chip funds. These include the likes of York Capital and Pincus Green, founder of Glencore. In its current round of fundraising, Arq is looking to raise a further \$50 million — one of the biggest private fundraisers of the year. [ends]



## **About Arq Group Ltd.**

At Arq, we're making better use of the world's resources.

Arq is neither a mining nor an oil company; we take nothing out of the earth. We are an entech company, applying innovative thinking to unlock purified, micro-fine hydrocarbon from coal discard.

We're transforming a huge environmental liability into a low-cost and abundant asset. Arq Fuels™ are a revolutionary source of energy for industry, power generation and transportation.

Arq. Energy unbound.

## **Julian McIntyre, Founder & CEO**

Arq was founded by entrepreneur and investor Julian McIntyre, creator of Gateway Communications, a pan-African telecommunications business that was sold to Vodafone. In energy, Julian has acquired numerous coal, oil and gas properties. He has owned and operated coal mines throughout Appalachia, was the founder of a large natural gas operator in the Rocky Mountains, and founded Rift Petroleum, an African E&P company that was sold to Tower Resources plc.

Julian is also Founder of McIntyre Partners, a private investment company focused on long-term investments and acquisitions in the natural resources and infrastructure sectors.

## **Richard Campbell-Breeden, Chairman**

Arq Chairman Richard Campbell-Breeden has over 30 years' experience in finance and private equity. He was formerly a Managing Director and Partner at Goldman Sachs. In Europe, he was co-head of Goldman Sachs' European Financial Sponsors Group and co-head of UK Investment Banking. From 2008 Richard was vice-chairman of Goldman Sachs' Investment Banking Division in Asia Pacific Ex-Japan, head of the Mergers & Acquisitions Group in APEJ and chairman of the Industrials Group in APEJ.

Richard began his career at 3i and earned his MBA from INSEAD.

## **Notes to editor**

Arq is a private, technology-led energy firm based in London. For more information or to request an interview with Julian McIntyre or Richard Campbell-Breeden please contact Tom Tudor at [tom.tudor@arq.com](mailto:tom.tudor@arq.com) or [+44 \(0\) 7738 573 111](tel:+44207738573111).

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