As dynaCERT strives for cleaner air, a partnership through Cipher Neutron's deal with Strategic Resources offers a greener steel

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There has long been a debate about the pace at which we should move away from fossil fuels. While many advocate for an immediate zero fossil fuel transition, the reality is much more complex. As Dean Bristow argues, people in cold climates, covering most of North America, Europe, and parts of Asia, still rely on fossil fuels for warmth. Immediate alternatives, such as transitioning from coal to natural gas, are often dismissed, even though they can serve as crucial interim solutions.

An area of contention remains the transportation sector. Although electric vehicles (EVs) have gained traction, fully replacing all combustion engines with EVs remains a challenge due to infrastructural and resource constraints. Meanwhile, dynaCERT Inc. (TSX: DYA | OTCQX: DYFSF) presents a compelling solution for reducing emissions from diesel engines. By producing hydrogen and oxygen on-demand, their technology, when added to diesel engines, improves combustion, reducing greenhouse gas emissions, particulate matter, and fuel consumption. This innovation is powered by distilled water and the vehicle's battery, making it an attractive interim measure until EV infrastructure becomes pervasive.

dynaCERT's HydraGEN™ system offers potential benefits not just from an environmental standpoint but also from a financial

perspective. The system's ability to enhance combustion translates to less fuel consumption and a decrease in maintenance costs, such as engine oil replacements. Recent test results from the company indicate a significant reduction in various emissions, including up to 88.7% reduction in NOx and 55.3% in particulate matter.

Further emphasizing dynaCERT's commitment to cleaner energy solutions, their partnership with Cipher Neutron Inc., a company focused on Anion Exchange Membrane (AEM) Electrolysers for Green Hydrogen production, has taken a significant stride. Earlier today (August 16, 2023), Cipher Neutron and Strategic Resources Inc. jointly announced a collaboration to explore supplying the BlackRock Project's metallurgical facility in Saguenay, Québec with AEM Electrolysers. These electrolysers are intended to produce Green Hydrogen, marking a step towards the transition to Green Steel production.

The BlackRock Project, spearheaded by Strategic Resources, is set to benefit immensely from this collaboration. Cipher Neutron's AEM Electrolysers are noted for their efficiency, cost-effectiveness, and environmental benefits. Given the project's location, the deployment of these electrolysers is strategically ideal. This venture promises to reduce greenhouse gas emissions further, with plans to deploy a significant number of AEM Green Hydrogen Electrolysers for Green Steel production.

Cipher Neutron's AEM technology represents a potential game-changer in the steel industry, which currently accounts for roughly 7% of global carbon dioxide emissions. By reducing emissions, this collaboration signifies a bold step in the transition towards a greener global economy.

In conclusion, the intersection of dynaCERT's innovations with the forward-thinking approach of Cipher Neutron and Strategic

Resources showcases the potential of technology and collaboration in driving the world towards a greener future. As the transition continues, such integrated solutions may pave the way for a more sustainable and cleaner world.