

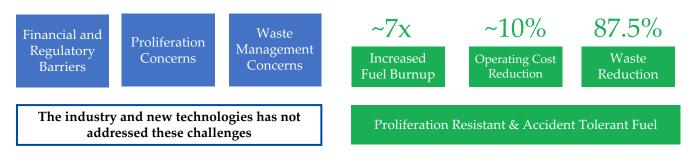
**MISSION:** To unlock the global potential of nuclear power by transforming today's existing reactors into advanced reactors of tomorrow using Clean Core's revolutionary ANEEL Fuel

**TODAY:** Nuclear power provides carbon-free, baseload energy globally with the potential to accelerate decarbonization by lowering system level costs and ensuring energy security for industrialized and developing countries

## However, nuclear has faced challenges to achieve widespread deployment

**TOMORROW:** Clean Core's ANEEL fuel is optimized for the **CANDU/PHWR** system, a proven fleet of reactors with decades of impeccable safety, the easiest supply chain to update and the potential to be exported to emerging countries at scale

## With no reactor modifications necessary, ANEEL fuel will rapidly address nuclear's challenges



**The ANEEL Fuel Technology:** A proprietary blend of Thorium (Th) and High Assay Low Enriched Uranium (HALEU) designed for existing and new PHWR designs from Canada and India



## MARKET OPPORTUNITY:

52

xisting PHWR

reactors

Clean Core's ANEEL fuel offers immense potential to upgrade the existing PHWR design. After initial adoption, Clean Core will catalyze a new fleet of advanced PHWR reactors for countries eager for a nuclear energy program of their own

30

countries

planning nuclear

countries interested

## **EXPERIENCED TEAM:**

Mehul Shah Founder and CEO, Clean Core
Dr. Anil Kakodkar Former Chairman, Indian AEC
Dr. Michael Binder Former President, CNSC
Dr. Paul Chan Former CNS Chair, CANDU Fuel Expert

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