We are deepening our capabilities with a focus on enabling portfolio companies to build robust, strategic programs, policies, and practices for effective risk management and value creation.

CDI Engineering Solutions ("CDI") is a multi-disciplinary engineering organization offering a full range of engineering, design, procurement, and construction management services to the energy and chemicals industries. Under AEI’s guidance, CDI has transformed itself from a specialist in fossil fuel refining to a leader in clean energy infrastructure and energy efficiency, while maintaining its absolute commitment to safety.

CDI’s contributions to clean energy infrastructure include creating plants for the production of advanced semiconductors, battery materials, and low- and zero-carbon fuels, including renewable diesel and clean hydrogen. Projects for Fortune 100 alliance clients including Shell and Dow Chemical are helping realize energy efficiency and greenhouse gas reduction in other industrial processes.
GREEN & BLUE AMMONIA PRODUCTION

Production of ammonia for agricultural and other purposes using fossil fuels is a significant source of global carbon dioxide emissions, but with modifications to the production process, a lower carbon footprint (Blue Ammonia), or even a zero-carbon footprint (Green Ammonia) is possible. Low-or zero-carbon ammonia can even be used as a fuel for applications including power generation and shipping, helping enable the energy transition at a large scale. CDI is supporting the implementation of the first commercial Green Ammonia plant in the United States, and the first large scale Blue Ammonia plant, both located in Louisiana. In addition, CDI is designing a world-scale Blue Ammonia plant that will supply Blue Ammonia to Japan to lessen its dependence on fossil fuels.

CDI ECOVADIS SILVER RATING

In 2022, CDI achieved an EcoVadis Silver rating indicating a top 25 percentile ranking. The objective of the EcoVadis rating process is to assess the quality of a company’s sustainability management system covering a range of sustainability issues that are grouped into four themes: Environment; Labor and Human Rights; Ethics; and Sustainable Procurement.

Sustainability management systems are assessed based on the following indicators:

Policies
Commitments related to responsible and sustainable business conduct.

Actions
Concrete activities that have already been implemented efficiently.

Results
Up-to-date key performance indicators. CDI is committed to further institutionalizing its ESG program as it expands its sustainability services.

2 “Ammonia Technology Roadmap”, IEA, 2021