acceleware

# Clean Energy Transition Roadmap

## Decarbonizing Industrial Heating via CTI (Clean Tech Inverter) RF Energy


CTI

That's innovation. That's ACCELEWARE

**ACCELEWARE'S PATENT-PENDING CLEAN TECH INVERTER (CTI) COULD MASSIVELY REDUCE HEATING-RELATED GHG EMISSIONS IN SECTORS THAT ARE RESPONSIBLE FOR ~47% OF 2020 GLOBAL EMISSIONS[1], PER THE DIAGRAM BELOW.**

[1] https://ourworldindata.org/emissions-by-sector#energy-electricity-heat-and-transport-73-2

## HEAVY OIL AND OIL SANDS

**Market size: $28B USD/year**

**RF XL:** low to zero GHGs at production and zero fresh water.

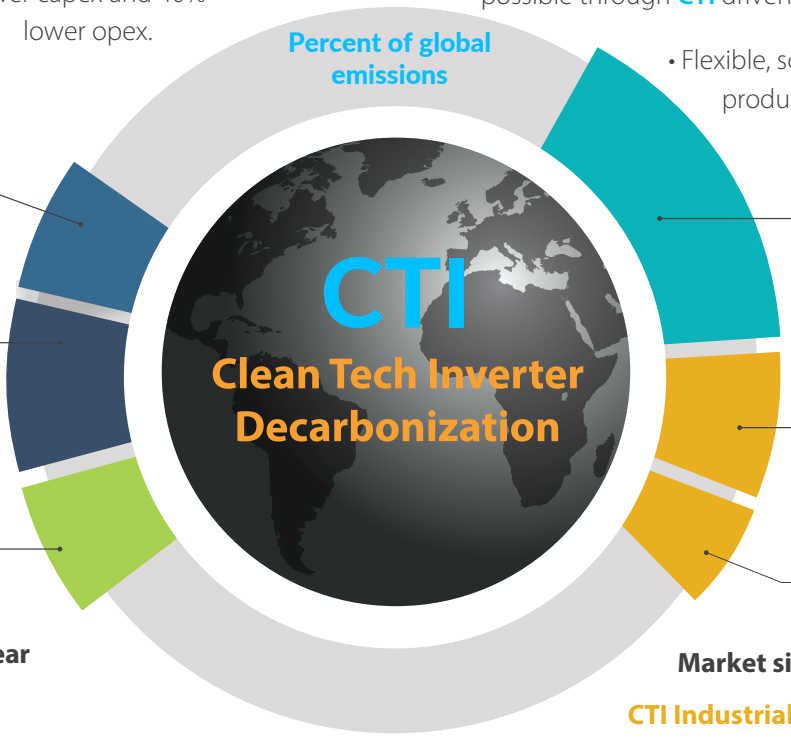
- 50% lower capex and 40% lower opex.

## HYDROGEN $H_2$

**Market size: $15T USD/year by 2050**

**CTI Hydrogen:** The Acceleware/Aurora Hydrogen collaboration project is underway, aiming to develop the most efficient hydrogen production method possible through CTI driven methane pyrolysis.

- Flexible, scalable, distributed low-cost production with near-zero emissions.




**Market size: $10B USD/year**

**CTI Industrial Drying:**

CTI driven RF can cut cost and energy use in half with near-zero emissions.

- Wide range of bulk solids/crop drying, mining, and chemical process drying opportunities.

## BULK SOLIDS/CROP DRYING

**Market size: $28B USD/year**

**CTI Industrial Heating:** CTI RF delivers high-efficiency volumetric heating.

- High power and efficiency enables low cost, near-zero emissions industrial scale heating solutions.

## INDUSTRIAL HEATING

Clean Tech Inverter (CTI): Acceleware's field-proven, proprietary industrial heating technology platform that can enable the decarbonization of multiple industrial heating processes via highly efficient delivery of radio frequency energy.


**FOR FURTHER INFORMATION CONTACT:**

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