

# **Clean Energy Transition Roadmap**

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



## **MEDIUM/LONG TERM**

CTI applications commercialized: all decarbonization applications commercially available, amounting to material GHG reductions across multiple sectors

# **MEDIUM TERM**

3

Advance CTI commercialization: RF XL at commercial deployment stage, CTI Hydrogen, CTI Bulk Solids/Crop Drying, and CTI Commercial Heating / Industrial Process Heating at pilot stage

## **NEAR TERM**

2

Advance development of: RF XL demonstration project(s), CTI Hydrogen, CTI Bulk Solids/Crop Drying, and CTI Commercial Heating/ Industrial Process Heating



2023 RF XL commercial-scale pilot completion: validate low to zero GHG heavy oil and oil sands production capability

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ACCELEWARE'S PATENT-PENDING SILICON CARBIDE CLEAN TECH INVERTER (CTI) COULD MASSIVELY REDUCE HEATING-RELATED GHG EMISSIONS IN SECTORS THAT ARE RESPONSIBLE FOR ~47% OF 2020 GLOBAL EMISSIONS<sup>1</sup>, PER THE DIAGRAM BELOW. <sup>1</sup> https://ourworldindata.org/emissions-by-sector#energy-electricity-heat-and-transport-73-2



### FOR FURTHER INFORMATION CONTACT:

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