



# Driving the Transition to a 2050 NET-Zero Target

## VOLTA SPICE - Sustainable Pathways for Innovation in Clean Energy

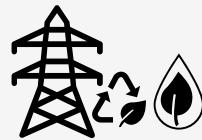
With expertise spanning multiple sectors, we are well-positioned to create enabling technologies that will play a pivotal role in this transition.



Committed to the UNGC's Sustainable Development Goals, SPICE is a Technology Hub for Renewable Energy aiming to create a Circular Carbon Energy Ecosystem in line with Global Net-Zero goals.

In line with our Canadian values and ethos, we are committed to creating a diverse and inclusive work environment where individuals regardless of background can actively contribute to science and innovation.

## Project Portfolio



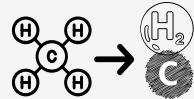
PROJECT HELIOS – HYDROGEN INTEGRATION INTO POWER GRID



PROJECT SOCRATES – FUELING STATION OF THE FUTURE



gridWISE – MICROGRID ARCHITECTURE FOR THE FUTURE



GENESIS – HYDROGEN AND HVC FROM METHANE PYROLYSIS



DEMETER – AGRICULTURAL WASTE TO FUEL



HERMES – LOW CI MeOH THROUGH DIRECT HYDROGENATION OF CAPTURED CO<sub>2</sub>



UNIVERSITY OF TORONTO



## Strategic Partners



UNIVERSITÉ DE SHERBROOKE

