

Leaders in the Circular Economy Movement

metaltchalley

Trail, British Columbia, CANADA

Metal Tech Alley is supporting businesses and professionals to become Circular Economy leaders in industrial supply chains and bringing the benefits of Circular Economy to the Region

What is Industrial Circular Economy?

The Circular Economy drives genuine sustainable development by transcending the traditional, linear economic model: Produce, Consume, Discard. In the Industrial Circular Economy, businesses in resource extraction and processing shift their business models to reduce, reuse, recycle and recover energy and materials to maximize their sustainable life cycle in the economy.

Metal Tech Alley's priorities for promoting Industrial Circular Economy action are: Education, Circular Design and Traceability. Metal Tech Alley is home to a unique ecosystem with examples of Industrial Circular Economy which are integral to the regional economy. A primary example is the closed loop of lead production and car battery recycling which recovers lead and puts it back into the economy for reuse. More recent examples of Metal Tech Alley's Industrial Circular Economy include the recovery of critical minerals from smelter by-products for use in modern technology, and capturing energy from forestry companies' wood waste by turning it into a source of renewable natural gas. Metal Tech Alley has a rich research-business ecosystem where innovation and development is simply how business is done.

