

Priorities Committee Meeting_Jul09_2024

STRATEGIC INITIATIVE AND UPDATE

Overview of Hydrogen Technology

Report Purpose

Update Priorities Committee and bring further awareness and understanding to hydrogen and how it is used as a low carbon fuel.

Our Strategic Goals

Goal 3 - Responsible Development

Goal 4 - Municipal Excellence

Goal 3 Priority - Environmental stewardship that addresses climate change and demonstrates responsible use of land and natural resources

Goal 4 Priority - Relationships with all levels of government and key stakeholders that are strategic, purposeful and productive

Report

During the 2024 budget process, Council made a request of Administration to bring an external independent organization to present on hydrogen.

Strathcona County is quickly becoming a leader in the development of hydrogen for use within the community. Providing Priorities Committee with background information on hydrogen, issues around hydrogen development, infrastructure requirements and end use applications will support decision making regarding municipal support for hydrogen projects and how hydrogen may be used within the community.

The Transition Accelerator and Emissions Reduction Alberta (ERA) will be presenting to Priorities Committee as to what hydrogen is, why it is being considered as a low carbon alternative to current fuel systems. The presentation will highlight how hydrogen is being produced with current technologies, how is transported and where end uses are developing.

Other Impacts

Policy: n/a

Financial/Budget: n/a

Legislative/Legal: n/a

Interdepartmental: n/a

Master Plan/Framework: n/a

Enclosure

1 Overview of Hydrogen Technology presentation