

CONVERTING TO ALTERNATIVELY POWERED MACHINERY

From electric batteries to biomethane and hydrogen, more and more options are coming on to the market to reduce GHG emissions from farm machinery. As machinery manufacturers continue to invest in research and innovation, these and other types of low-emissions options are expected to become more available in the coming years. Next time you need to replace a piece of equipment, ask your equipment dealer about these options.

Implementation Tips

- Consult your equipment dealer about alternatively powered (e.g., electric, hydrogen) farm equipment options that will meet your farm management needs.

Benefits



Reduced GHG emissions



Estimated return on investment

Low



On-farm emission mitigation potential ++

Resources

- **Webpage:** Alternative fuels for farm machinery, Cornish Mutual (dfc-plc.info/CAPM1)
- **Webpage:** An electric tractor may be in your future, Successful Farming (dfc-plc.info/CAPM2)
- **Webpage:** The Hydrogen Fueled Farm of the Future, Washington State University (dfc-plc.info/CAPM3)
- **Webpage:** Electrifying agriculture: how Canada's farm industry is starting to transition, Electric Autonomy (dfc-plc.info/CAPM4)
- **Webpage:** Financial incentives by province, Natural Resources Canada (dfc-plc.info/CAPM5)