



# Green Hydrogen Production Cycle



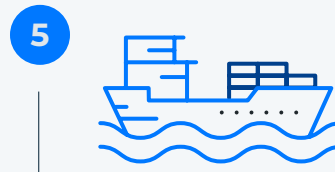
1 Wind turbines provide clean energy to drive the green hydrogen movement, opening the door for hydrogen to reshape the future of energy.



4 Some projects may also convert hydrogen into hydrogen derivatives, such as ammonia, or Liquid Organic Hydrogen Carriers (LOHC).



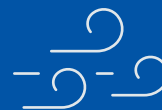
2 Newfoundland and Labrador's abundant freshwater resources, among the highest in Canada, easily meet the needs of hydrogen production while preserving environmental integrity.



5 These derivatives can be for direct use or as mediums for hydrogen transport and storage.



3 Electrolysis uses wind-generated electricity to split water into hydrogen and oxygen, creating a carbon-free energy source with zero greenhouse gas emissions.



Our province will produce renewable hydrogen and ammonia, positioning us as global leaders in sustainability and job creation while paving the way for a brighter, greener future.