

Ballard in numbers







1979-2019











2,000Patents &



Ballard Power Systems Inc., is a world leader in the development, manufacture, sale and servicing of Proton Exchange Membrane (PEM) hydrogen fuel cells. We offer a complete range of proven commercial power products from stacks to complete fuel cell systems as well as engineering services.

Ballard strategy is based on 2 growth platforms



Power Products

To meet the power needs of our customers through delivery of high value, zero emissions fuel cell products that deliver lasting performances and attractive costs.



Technology Solutions

To help our customers solve difficult technology challenges or address new business and market opportunities with specialized engineering services and access to our IP.



At Ballard, we enable fuel cell electric mobility with our power products and technology solutions for a number of markets and applications.

We collaborate with industry partners to develop ecosystem and drive cost reduction.

Ballard innovative fuel cell products and solutions contribute to clean air and emission reduction powering the hydrogen society!

> 100 buses in service



TRANSIT BUS

Fuel cells improve performances of electric buses with extended range performance, quick refilling, auxiliary power source and compact & scalable refueling infrastructure. > 300 trucks on the road



TRUCK

Fuel cell electric trucks deliver zero emission vehicles to fleet operators with no compromise on range, payload and asset utilization compared to batteries.

4 train
projects on
track



PΔII

Hydrail enables GHG emission reduction without significant investment in complex electrification infrastructure.

3 ships in develop ment



MARINE

Scalable and distributed power solution for auxiliary or propulsion loads for zero emission ships using high energy density hydrogen fuel.

>12,000 forklifts in warehouses



MATERIAL HANDLING

Fuel cells improve productivity of forklifts with longer run time and faster refilling.

multi-million \$ stack development program



AUTOMOBILE

Fuel cells deliver extended range and more on-road time for high utilization vehicles. multiple **test** platforms



UAV

Fuel cell power solutions extend duration and reliability of commercial UAVs to reduce the cost of inspection, measurement and delivery missions. > 2,000 systems deployed



CRITICAL INFRASTRUCTURE

Fuel cells guarantee critical infrastructure site availability with reliable, modular and low maintenance power backup solutions.

Vertically integrated value chain

from component design to complete fuel cell system integration and services







www.zeroemissionbus.org