



INNOVATIVE BATTERIES FOR E-VEHICLES

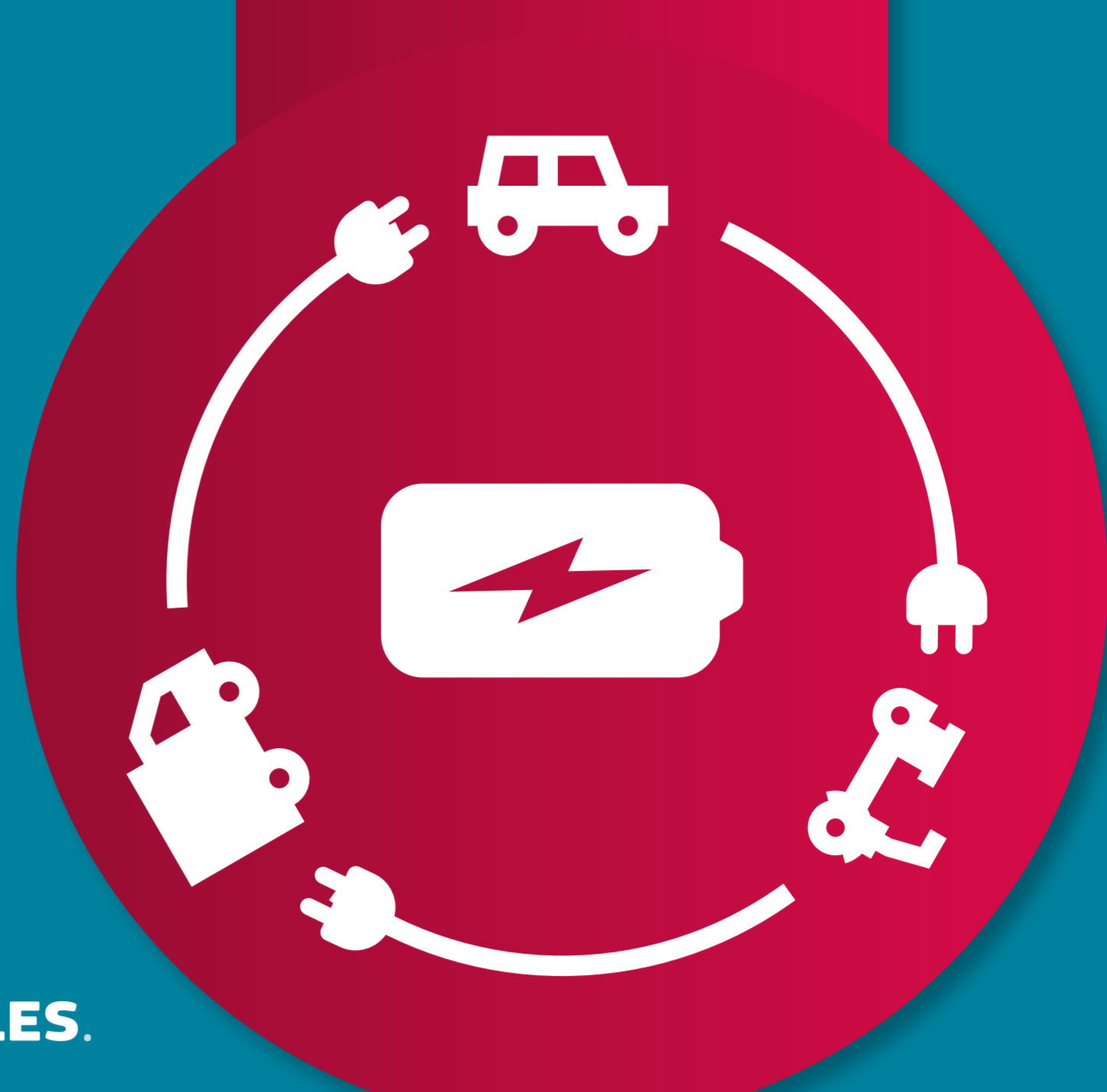
EIC HORIZON prize

SOLVE THE CHALLENGE

€10 million

CHALLENGE

The EU will award **€10 MILLION** to a high-performing, sustainable **BATTERY FOR ELECTRIC VEHICLES**.



The solution must be a **FULLY FUNCTIONAL** prototype.

WHY?

ELECTROMOBILITY (e-mobility) offers the best solution to facing the challenges of reducing air pollution and CO₂ emissions, two of the main **ENVIRONMENTAL HEALTH RISKS** in Europe.

Current batteries

- EXPENSIVE • LIMITED RANGE
- SLOW TO RECHARGE



SOLUTION?

A battery which is **LONG LASTING** (in range and lifetime)



RAPIDLY RECHARGEABLE



MAIN REQUIREMENTS

high standards of **safety, sustainability and recyclability**



same **range and recharge time** as a standard gasoline/diesel car



whole-life costs are equivalent

to or better than a standard gasoline/diesel car



significant **advance in new materials technologies** while avoiding expensive, rare, and unsustainable materials



DEADLINE

17 December 2020

WHO CAN PARTICIPATE?



The contest is open to individuals, groups, organisations and companies in the EU or in a country associated to Horizon 2020.

More information on the Prize:

[#eicHorizonPrize](#)

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