Institution of MECHANICAL ENGINEERS

South Wales

Sustainable Batteries

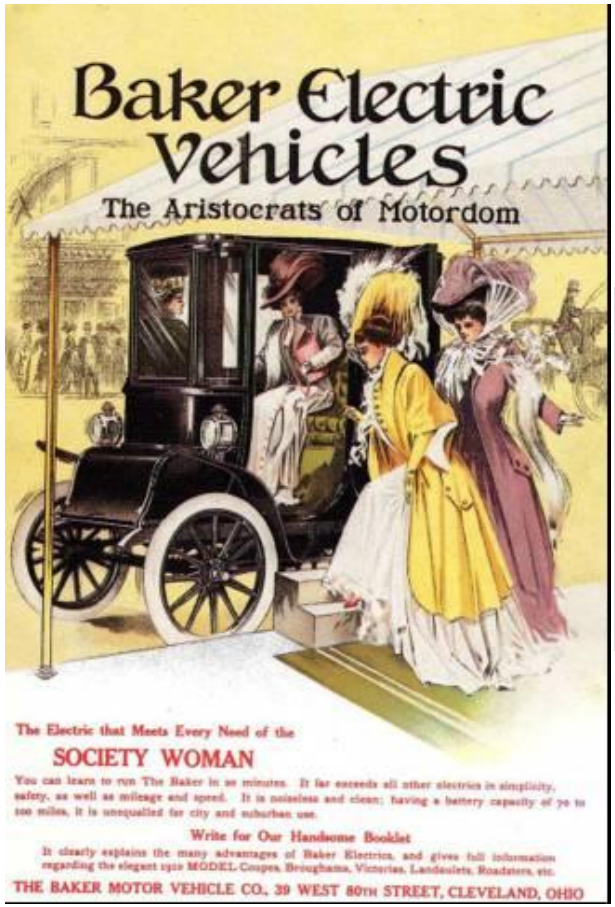
How do we ensure they are a net positive to the environment?

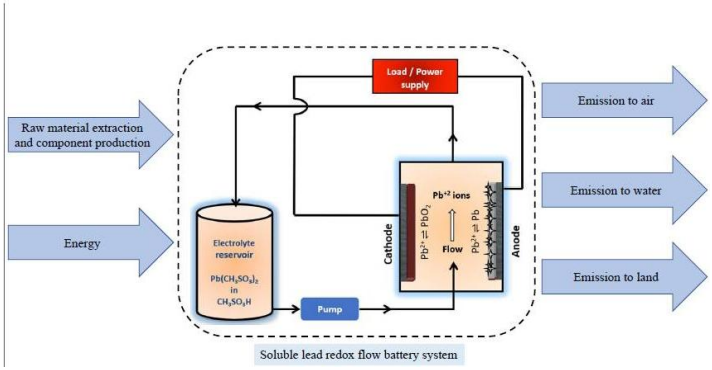
5th July 2022

The Holiday Inn, North M4, Jctn.32 Tongwynlais, Cardiff CF15 7LH

Lecture Start: 6.30pm
Refreshments buffet from 6.00pm

Speaker: Dr. Jenny Baker, Senior Lecturer Mechanical Engineering & Electrochemical Storage Lead, Swansea University





Soluble lead redox flow battery system

Energy storage in the form of electrochemical batteries is a key tool to support a transition to a 'net zero' carbon emissions to slow climate change. However without checks on how the battery is manufactured, used and disposed of at end of life they can cause the opposite effect.

This talk will give a brief history of batteries up until present day to show case the development of chemistries and manufacturing that have enabled the shift to electric vehicles we have experienced in recent years.

For more information, please see our website for details:

http://nearyou.imeche.org/near-you/UK/South-Wales/events