

FW: Safety of Lithium ion Batteries and e-bikes and scooters



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the-safety-bill-updated ESF.pdf (~131 KB) Fires May 2024.xlsx (~27 KB) Logos May 2024.mhtml (~2.3 MB)

Dear Local Council

I am writing to ask your Council to support our campaign to improve the safety of lithium batteries (used in e-bike and e-scooters) and their disposal. Let me begin by introducing myself. I am the researcher for Lord (Don) Foster (hence my email address), who has been campaigning on this issue in the House of Lords. I am also the parliamentary advisor to Electrical Safety First, a UK Charity dedicated to reducing the deaths and injuries caused by electricity.

As you will probably know lithium battery fires are on the increase – there have been over 1000 in the past few years, nearly 200 injuries and a dozen fatalities. Homes have been destroyed. The cost to the UK runs into £billions. You will doubtless know of examples in your area. I attach a spreadsheet of some recent fires – as you will see there have been some in your area.

Lord Foster and Electrical Safety First are promoting the attached Bill (a summary of which is included at the end of this email) to ensure greater safety in the use and disposal of lithium batteries and are aiming to get it into law as soon as possible. It has its First Reading on 5th June.

We have the support of many national organisations, as the attached logos show – including the National Fire Chiefs Council, the Association of Ambulance Chief Executives, the Royal Society for the Prevention of Accidents and the Royal Society for Public Health. In addition 2 coroners have called for the law to be tightened to ensure greater safety.

We are now contacting more locally based organisations, and it would be great if your Council was able to support this campaign. It would be a great boost. Please do get in touch if you require any further information.

I look forward to hearing from you,

Yours sincerely,

Ron Bailey

PS Don't worry if you are not meeting before June 5th. That is only the 1st Reading – other stages will follow, so you won't be too late. Your support will be valuable at any time.

Clause 1 would require third party *independent* approval-testing for e-bikes, e-scooters and their batteries before entering the UK market.

Clause 2: incidents of fires and harmful fumes resulting from lithium-ion batteries in waste vehicles and landfills are increasing. There are reportedly more than 200 landfill fires annually, making up 48 percent of all fires, costing £158 million and contributing significantly to pollution. This clause requires the government to establish regulations for the safe disposal of used lithium-ion batteries.

Clause 3 addresses specific fire concerns, ensuring safer access, charging, and storage of lithium-ion batteries. While an outright ban is suggested by some, conversion kits remain a financially practical solution, especially for gig economy workers reliant on sustainable transportation. Implementing a standardised approach to kits could establish design and installation controls, mitigating foreseeable risks.

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