

Safe Energy Transition Charter

What's the issue?



**Inconsistent
regulation of low
carbon installations**

Installing electrical technology can be complex and dangerous, with the potential for endangering lives through fire, electric shock or grid outage.

x4

**Electricity is taxed
four times more
than gas**

Electricity is now a 'cleaner' energy source than gas. The inflated price of electricity is due to an outdated energy levy model.



**Picking 'winners'
in the installation
race does not
reduce carbon
emissions**

Unsuitable technology can have safety implications, increase energy use, and dent consumer trust.



**Lack of
independent advice
on low carbon
installations**

Only by understanding and installing the right technology for a building can the energy efficiency, cost savings, and emissions targets be met.



**Efficient systems
need ongoing
management**

Maintenance is often omitted from cost or energy outcomes of low carbon installations. Installations subject to poor maintenance can present hazards such as electric shock and fires.

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What is ECA calling for?

Building Safety Standards to apply to all new technologies

- Equivalent safety, product, and competence standards for England, Wales and Northern Ireland.
- Ongoing maintenance of electrical installations to ensure safety standards are preserved.
- Policy changes to embed safety as a principle by recognising the competence required of the electrician when installing low carbon tech.

Rebalancing of energy taxation

- A review of fuel levies to bring taxation to parity between gas and electricity.
- A reduction in the price of electricity for all users

A broadening of incentives for low carbon technology

- Incentives to be based on carbon reduction outcomes, rather a specific technology.
- A 'technology agnostic' approach to incentives.
- Expand the Boiler Upgrade Scheme to include installation of low carbon heating devices.

The electrification of UK transport

- To ensure safety, EV ChargePoints to be installed by qualified electricians with relevant qualification.
- Meaningful collaboration between energy suppliers, manufacturers, designers, installers, local, regional and national government, and asset owners to ensure consistent and compliant installation of all forms of electric transport.

A Prosumer revolution – for those who both consume and produce electricity

- Electrical Installations using onsite generation, (e.g. solar PV or local wind generation) and electrical energy storage systems (EESS).
- End users to have access to independent advice and information about prosumer and energy efficient systems
- Incentives for Prosumers who are feeding electricity back to the grid and increasing energy capacity.