

Topic	Environmental benefit	Needed standardisation action & objective	EU business case
Batteries	<p>Batteries are bound to play a central role within decarbonisation efforts; they should also be produced in compatibility with circular economy principles.</p> <p>Standards are necessary to support battery sustainability requirements for both product and vehicle batteries and enable product lifetime extension and end-of-life treatment.</p>	<p>A Standardisation Request should trigger the development of standards in a timely manner to avoid hindering the objectives of the Battery Regulation proposals (performance and durability requirements, safety, criteria for reuse, repurposing and recycling) and its targets for material recovery</p>	<p>One of the EU's strategic dependency. The sustainability of batteries can become a key EU competitive advantage in the sector.</p>
Hydrogen	<p>Hydrogen produced from renewable sources is seen as the missing piece of the puzzle for the decarbonisation of certain sectors, namely steel, cement and basic chemicals, aviation, shipping and heavy good vehicles. Hydrogen can also be used as a renewable energy storage.</p>	<p>Standards enhancing the use of hydrogen by industries by setting specific hydrogen quality levels, and standards supporting the production of hydrogen produced through electrolysis with renewable energy.</p>	<p>One of the EU's strategic dependency. The 2021 Strategic Foresight report outlines hydrogen as one of the emerging topics for the EU to take advantage in standard-setting</p>
Chemicals	<p>Chemicals are part of our everyday products, however if they migrate and leach out they can pose severe risks to humans and the environment. It is important to control the release of pollutants in the environment.</p>	<p>To further help market surveillance authorities to enforce REACH requirements, CEN/TC 462 on regulated chemicals in products should proceed to the further operationalisation of the testing of substances subject to REACH Restrictions and should extend its scope to substances that are on the Candidate list, too.</p>	<ul style="list-style-type: none"> • The Chemicals strategy for sustainability has put the safe and sustainable by design principle on the agenda, and seeks in particular to protect vulnerable people from exposure to hazardous chemicals. This will not only help clean material streams and reduce the toxicity of our everyday products, it will also help avoid legacy substances that pose risks to our circularity efforts. • The 2021 Strategic Foresight report outlines chemicals as one of the emerging topics for the EU to take advantage in standard-setting