

**Question for written answer E-004601/2025/rev.1
to the Commission**
Rule 144
Eero Heinäluoma (S&D)

Subject: Further clarifying the Delegated Act on low-carbon hydrogen

On 8 July 2025 the Commission published a Delegated Act on low-carbon hydrogen¹. This is a welcome step in clarifying the methodology for calculating greenhouse gas emissions across different hydrogen production pathways. However, some questions still remain and the Commission has promised to publish further clarifications. To fully leverage the potential of the hydrogen economy in Europe and investments into hydrogen production, clarity regarding EU legislation is paramount.

The delegated act classifies solid carbon as an emission unless it is permanently stored or chemically bound into products. However, the Commission lists only a limited range of applications for solid carbon classified as chemically bound into products and excludes, for example, graphite. Battery-grade graphite can be produced through a hydrogen production process where methane is split into low-carbon hydrogen and solid carbon. The delegated act's methodology in its current form does not support any innovative alternatives and applications for solid carbon, including battery-grade graphite.

1. Will the Commission expand the list of applications for solid carbon, classified as incorporated into products?
2. When will an updated list be presented?
3. How can the Commission enhance the link between this delegated act and the production of critical raw materials in Europe?

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¹ C(2025)4674.