



We will be happy to inform you. Talk to us!

[www.tuvsud.com/de-is](http://www.tuvsud.com/de-is)

## FAQ

### What is the basis of critical reviews?

Critical reviews are always based on the documentation submitted at the agreed target date and performed on the basis of the criteria of RED II and its delegated acts as the most up-to-date information available, as well as the criteria of at least one established certification standard (e.g. TÜV SÜD CMS 70, CertifHy or ISCC Plus).

### How are the reviews conducted?

Reviews are performed as desk reviews of documents including remote interviews of relevant personnel without on-site visits.

### How are the results provided?

Starting from the project design in the planning stage, we summarise any weak points, risks and red flags in the existing system. Our evaluation report will also indicate how we expect your planning status to perform against the expected RFNBO criteria. We will also provide our opinion of your certification readiness based on a limited assurance evaluation approach. These services are supplied as a single documentation package.

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**Green hydrogen production & derivatives**  
Support for your project

according to RED II requirements

Protect your investments and reduce your efforts and expenses

In view of the climate and energy crises, **projects for green hydrogen production** and its conversion to chemicals and synthetic fuels (e. g. green ammonia, PtX, RFNBOs and e-fuels) are under high pressure to complete.

In our experience, this gives rise to three major challenges:

- Errors or flaws in designing the new technologies
- Application to requirements of complex international regulations/standards and different certification schemes
- Inadequate realisation impairing functionality later on.

To exclude possible risks right from the outset, we offer **critical reviews from an early phase in the conceptual design** of your project – according to RED II requirements. And we are also at your side as your project progresses, accompanying you throughout the **entire process** and supporting your project's **efficient realisation**.

Play it safe and exclude risks. Benefit from our extensive experience and expertise in the areas of industrial plants and equipment as well as hydrogen applications. Ensure successful and smooth realisation for your project.

### Your benefits of partnering with TÜV SÜD:

- Up-to-date information about the latest developments in EU regulations for RFNBOs
- Reliable interpretation of RED II requirements in terms of critical criteria and their implementation in upcoming certification schemes

# Your project for the production of green hydrogen and its derivatives

Trust in our critical review services along the project lifecycle



Industrie Service

## Critical review of your project design

- Comparison of your design documentation against the requirements of the Renewable Energy Directive (RED II) and delegated regulatory acts
- Summary report of gaps, risks and red flags in the existing system

## Critical review of certification readiness

- Review based on agreed voluntary scheme
  - Remote assessment and interviews with relevant personnel
  - In-depth document review / identification of opportunities for improvement
- 4–6 months before the intended date of commissioning

## Optional re-check

For details see initial review

## Facility certification

Conformity of production with the design  
Approx. four weeks before commissioning

TÜV SÜD services

Project phases

