



ISO/TC 197
Hydrogen technologies

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Plenary - Hydrogen in the Netherlands 2017-12

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Background: Here is the presentation that was made by Linda Docter at the ISO/TC 197 plenary meeting in China 2017-12.

Committee URL: <https://isotc.iso.org/livelink/livelink/open/tc197>

ISO/TC 197 Plenary meeting 2017

Update Hydrogen in the Netherlands

Presentation by Linda Docter

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We have a new government!

- Climate is now part of a new Ministry of Economic affairs and Climate Policy:
- The Ministry of Infrastructure and Water Management already remains involved in hydrogen related business, especially mobility related.
- The intention is to reach Paris goals (or better)
- Intention to only sell 'zero emission' new cars in 2030.
- In the Netherlands, the creation of a national H2 Platform is taking place with industry and government.
 - > This platform is to strengthen the Dutch Hydrogen industry in the start-up phase
 - > Legislation, and also standardization is a dedicated task within the platform (NEN plays a significant role in that).

Hydrogen industry is growing

- **Projects with fuel cell busses are being rolled out. The first earlier this year, more to follow.**
- **A pilot with a hydrogen train is expected to take place in 2018 (Friesland/Groningen).**
- **We went from 2 to 3 hydrogen refuelling stations. More players enter the market, subsidizing (EU) projects are closely followed (active in tender procedures).**
- **New players, for example in the field of Power to Gas (large players in the field of electricity and natural gas are increasingly interested).**
- **There is a steady growth in the amount of members of the national mirror committee on hydrogen.**

PGS 35 is being updated

- Hazardous Publication Series no. 35-2015
Hydrogen refuelling stations
- Publication is foreseen in spring 2018, updated with state of the art knowledge and latest experience.
- The intention is to have it translated into English by summer 2018; the secretary of ISO/TC 197 could be notified by NEN if desired
- Available via internet, free of charge

Project MetroHyVe www.metrohyve.eu

- European metrological project for hydrogen quantity and quality measurements
- Project coordination lies with NPL (UK)
- NEN is WP 5 impact leader, VSL (NL) also WP leader, Nick Hart, Shell and Air Liquide involved
- Consortium wishes exchange of knowledge with ISO/TC 197. Could be mutually beneficial.
- Workshop January 24, 2018 in Delft/NL (at NEN)
All are invited, free of charge, advance registration required (via website)

Contact



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