

Sub task 2.3 Report

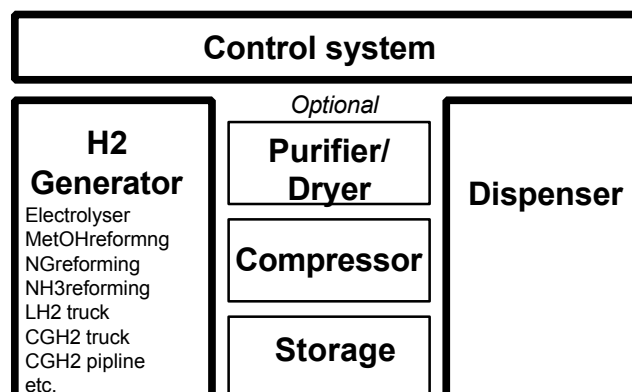
BP contribution

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2.3- Objective of the group was to identify the components, which could be Harmonised across the different refueling operations showing beneficial reasons for these decisions.

Due to issues associated with confidentiality partners found it difficult to share details, this created difficulties in comparing what could and could not be classified as items to be harmonized.

- Agreement was formed within the group that harmonisation of individual components would be non beneficial as it could hold back innovation, at the time of consideration most of the components would soon be covered by the PED (Pressure Equipment Directive). There was a consensus that at least the interface with the customer should be standardized as well as the presence of various safety features, together with the connector but this later part fell in the responsibility of WP3 so was not considered further
- The members of WP2 concluded that only the main sub systems in a hydrogen refueling station should be defined/standardized as follows:
 - 1) The generator of hydrogen (source),
 - 2) The H2 dispenser
 - 3) The control system.
- All other components on a refueling station (compressors, purifiers, storage etc) will be treated as optional components. (See also diagram) and these would therefore not be harmonized.



These areas should not be harmonised in a detailed methodology e.g. the dispenser is harmonised in that it has too dispenses hydrogen but not be specific in the way that it carries out this task.

Because harmonisation of components was concluded to be a difficult area for the group, consideration to move directly to develop a draft regulation, which could be used to create a European standard going forward, was considered to be the best option.