

HYDROGEN CHALLENGE #2.6
13.12.2016

Report on a wine-tasting experience in Schloss Gobelsburg with a Fuel Cell-Electric Vehicle

On 13 December 2016, Mortimer Schulz, the founder and owner of **solutions in energy e.U.**, drove from Vienna to Gobelsburg and tasted a young Grüner Veltliner, 2015, Ried Steinsetz, 13.0% vol. alc. The Vineyard and Castle were reached by driving the FCEV (average 1.5 kilograms of hydrogen per 100 kilometres). The wine-tasting and the FCEV were compared; thereby alluding to the six senses.

- A) Sight** Veltliner: light citric yellow going into pale but clear
 FCEV: intense

- B) Hearing** Veltliner: you hear the cling of the glasses when you toast
 FCEV: clean (*something like "wwwwhhh"*)

- C) Smell** Veltliner: fruity but subtle; thanks to the Sun and cold winds from the North
 FCEV: discreet and refreshing

- D) Taste** Veltliner: young but strong body with fruity and flowery elements
 FCEV: balanced (*see "FCEV senses" below*)

- E) Touch** Veltliner: liquid pure
 FCEV: brisk

- F) Hydrogen** Veltliner: elementary (*in combination with carbon and oxygen*)
 FCEV: oxidised.

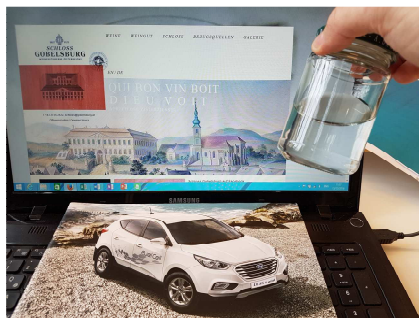
Also see: www.gobelsburg.at/weine, www.facebook.com/solutionsinenergy

FCEV senses

Emphasis was laid on experiencing the FCEV with all of the senses. The residual by-product "H₂O" as was collected in a glass (see middle picture) was not yet tasted this time. Further testing coming up.

Schloss Gobelsburg

Thank you Eva Moosbrugger and Katharina Breitenecker for the tasting and delivering a superb wine. Family Moosbrugger operates the vineyard since 1996 and they are a member of the Österreichische Traditionsweingüter.



solutions in energy is located in Vienna, Austria and since 2015 offers advisory services in the field of energy and finance. Work includes energy audits, energy monitoring, energy management systems, life-cycle analyses, countertrade models, alternative financing solutions and creating business models involving fuel cell and hydrogen technology.