

Wageningen University & Research

Fueling the Future of Farming

Abel de Voogd (ABO Wind) & David Meijvogel (WUR)

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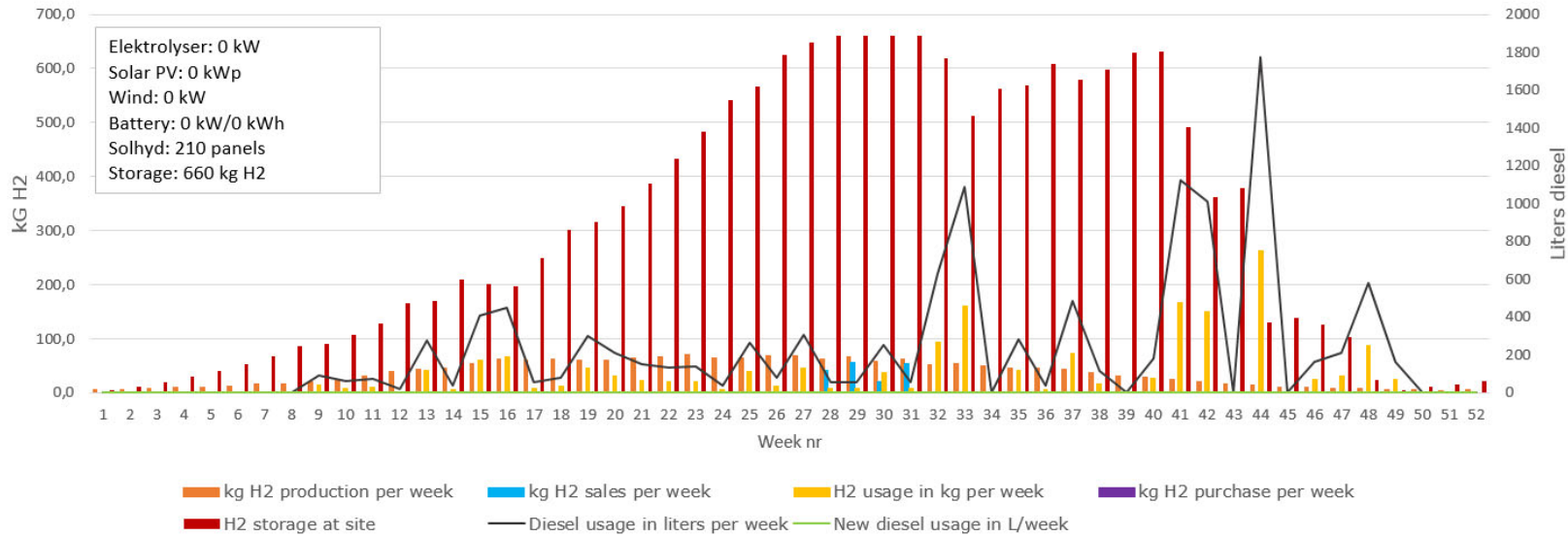
Results

- Five systems have been explored
- Maximum grid electricity: 30%

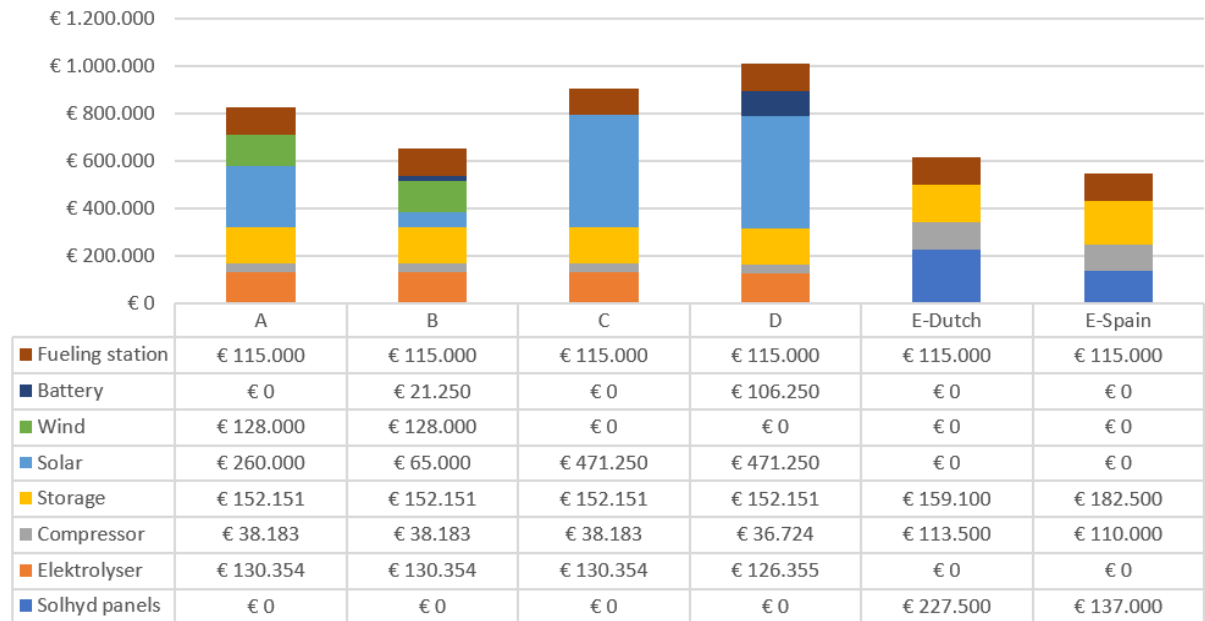
	A	B	C	D	E
Elektrolyser	16 kW	16 kW	16 kW	16 kW	
PV	400 kW	100 kW	725 kW	725 kW	
Wind	40 kW	40 kW	0 kW	0 kW	
Battery		25 kW/25kWh		125 kW/125kWh	
Solhyd hydrogen panels					350 panels (Dutch) 210 panels (Spain)

Results

Overzicht Diesel per week



CAPEX Build up




Conclusions

- Solhydropanel is a very interesting option
- Small compressors are relatively expensive
- Wind energy for electrolysis is interesting

- What's next

Thank you for your attention!

- Questions or input?
- David.Meijvogel@wur.nl
- +31 6 34 23 01 97



To explore
the potential
of nature to
improve the
quality of life