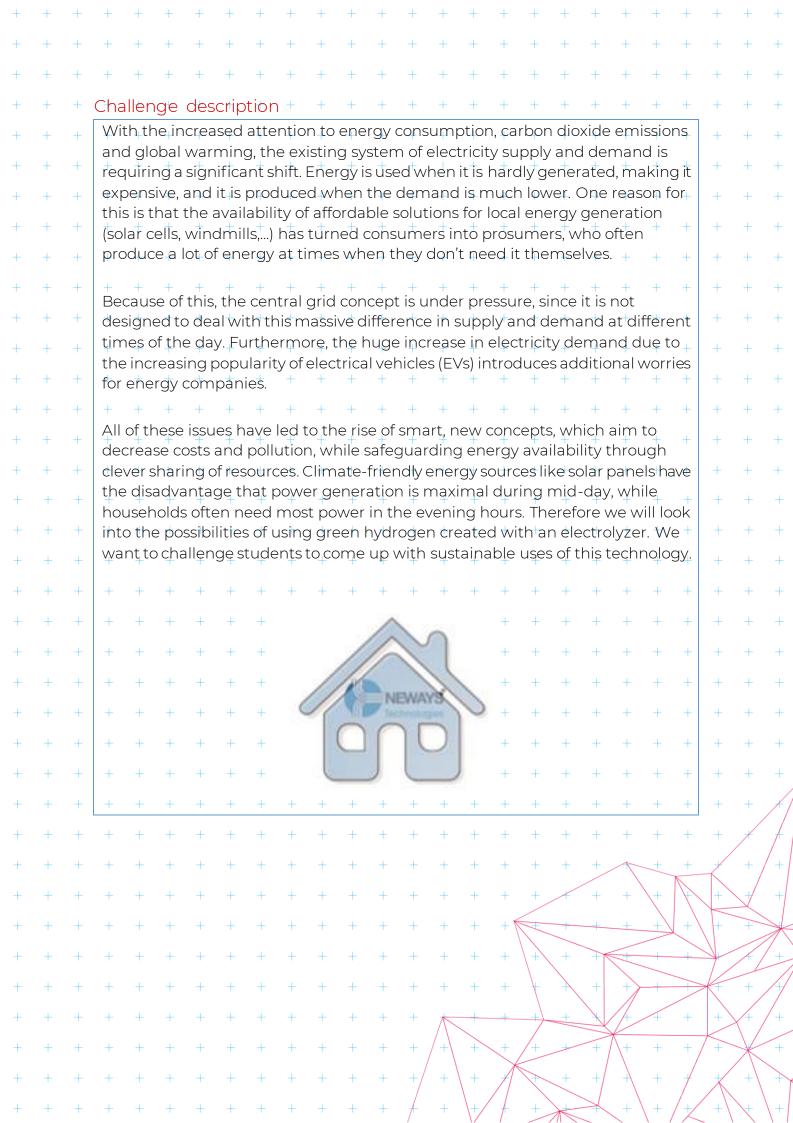
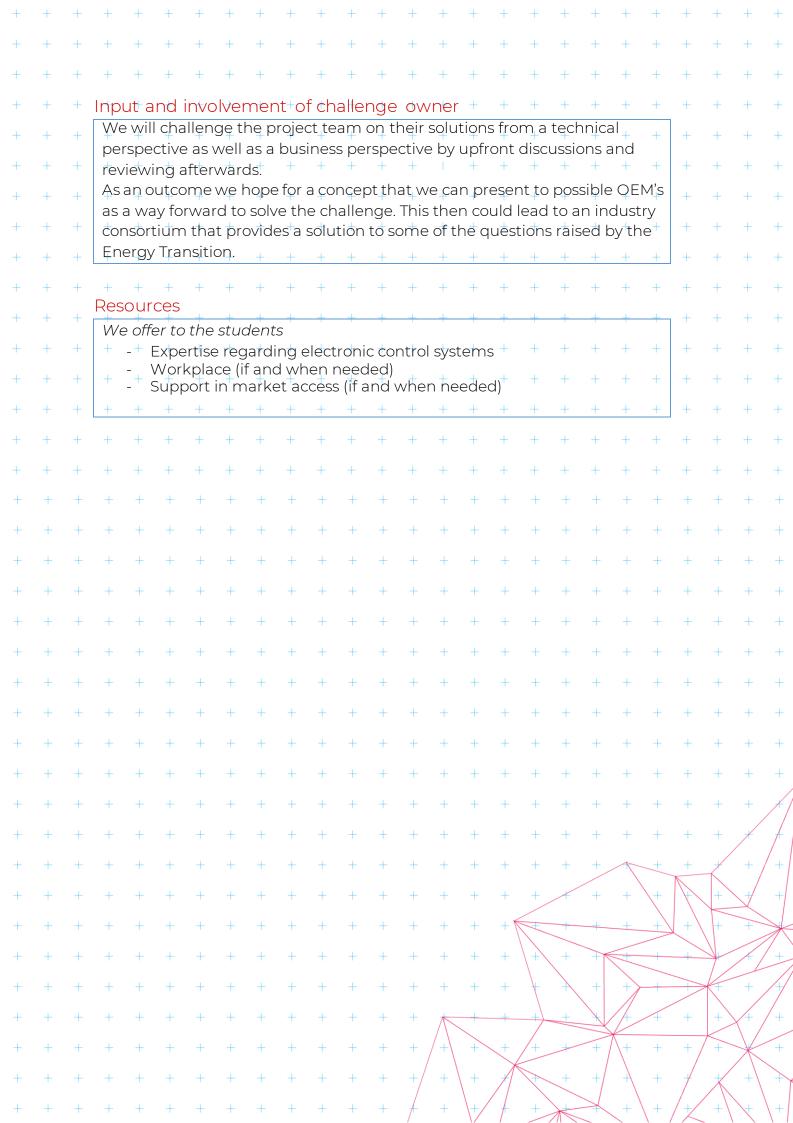


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Challenge name	Energy transition												
Challenge owner	Neways												
	X Company Υ Research Υ Student team												
+ + + + + +	Marcel Linssen + + + + + + + + + + + + + + + + + + +												
Brief summary +	The demand and supply of electricity and heat do not												
+ + + + + +	match in time with overload in the network as a result												
	while storage capacity is not used. This leads to												
+ + + + + + +	consumers buying electricity when it is expensive and												
+ + + + + +	supplying it when no one needs it at low or maybe $_{\pm}$												
	even negative prices. In this challenge, we will look												
+ + + + + +	into using green hydrogen created with an + + +												
+ + + + + + -	electrolyzer to assist in the energy transition. The +												
+ + + + + -	focus will be on the energy system in a house or a street.												

About the challenge owner

Neways is an international innovator in electronics for smart mobility, connectivity and semicon solutions. With more than 50 years' experience and strong engineering power, we are proud to act as technology innovation partner for the most demanding customers in the industry. Neways develops and produces electronics that facilitate major trends around global ESG themes. Our team of more than 2,500 specialists across the Netherlands, Germany, USA, China, Czech Republic and Slovakia enables future solutions for EV charging, electric power trains, digitizing health solutions, sustainable agriculture, producing microchips and more.





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