

# Teknik i Mirai

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TOYOTA

ALWAYS A  
**BETTER** WAY



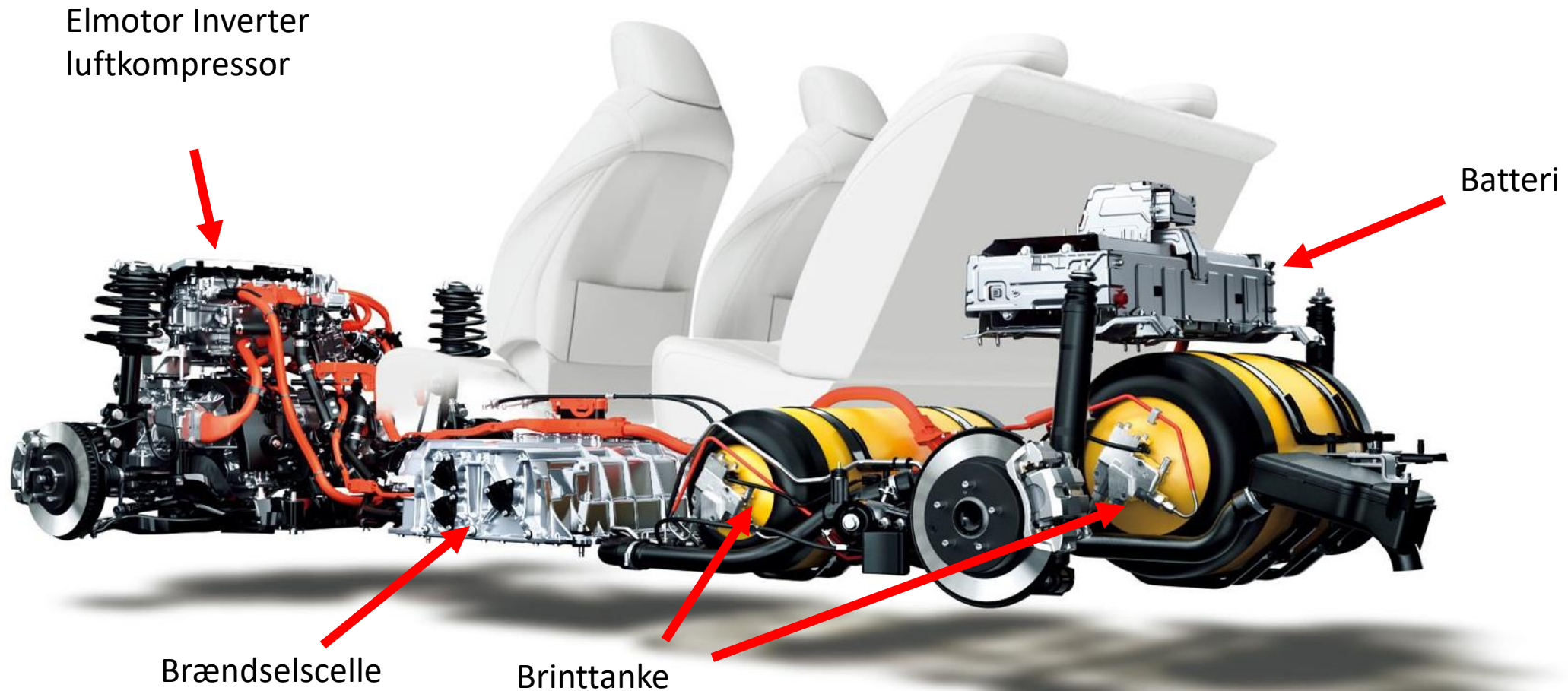
hyFIVE  
HYDROGEN FOR INNOVATIVE VEHICLES

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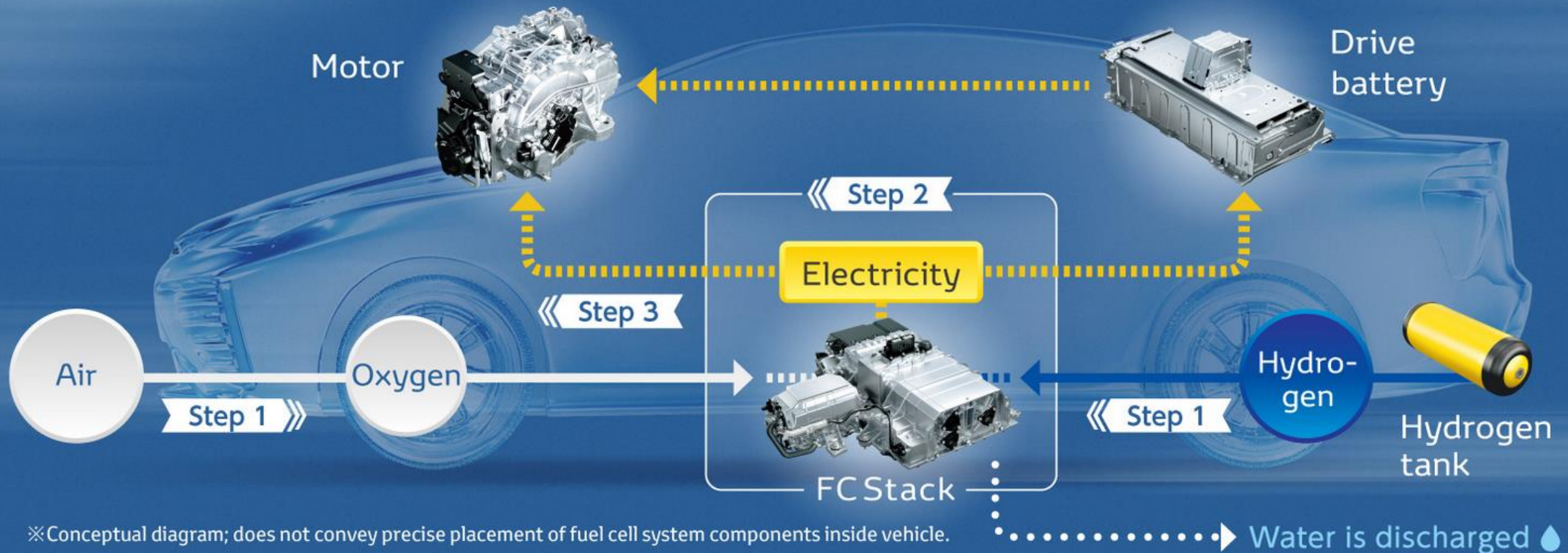


# Generering af elektricitet med O<sub>2</sub> og H<sub>2</sub>



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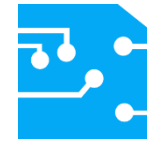
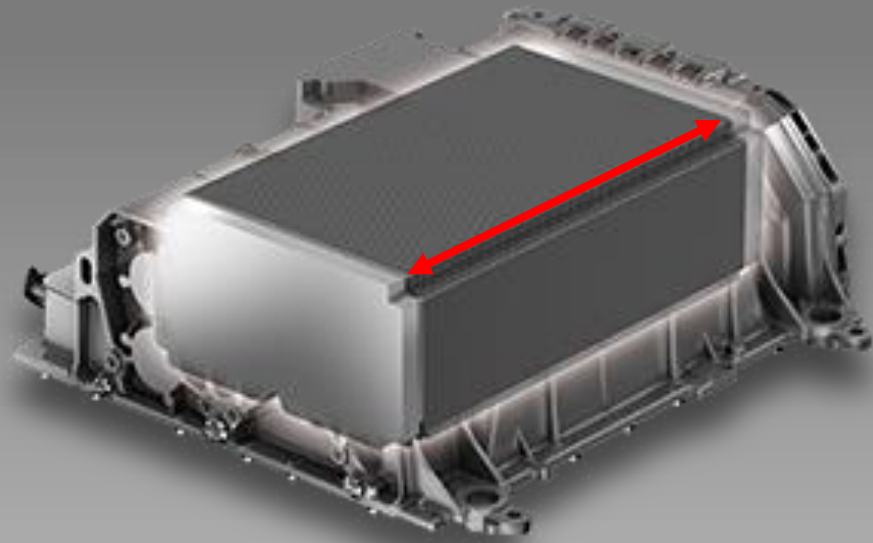
※Conceptual diagram; does not convey precise placement of fuel cell system components inside vehicle.

# Brændselscelle



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**370 celler**

Antal celler



**1,34 mm**

Tykkelse



**102 g**

Vægt

# Brændselscellestak



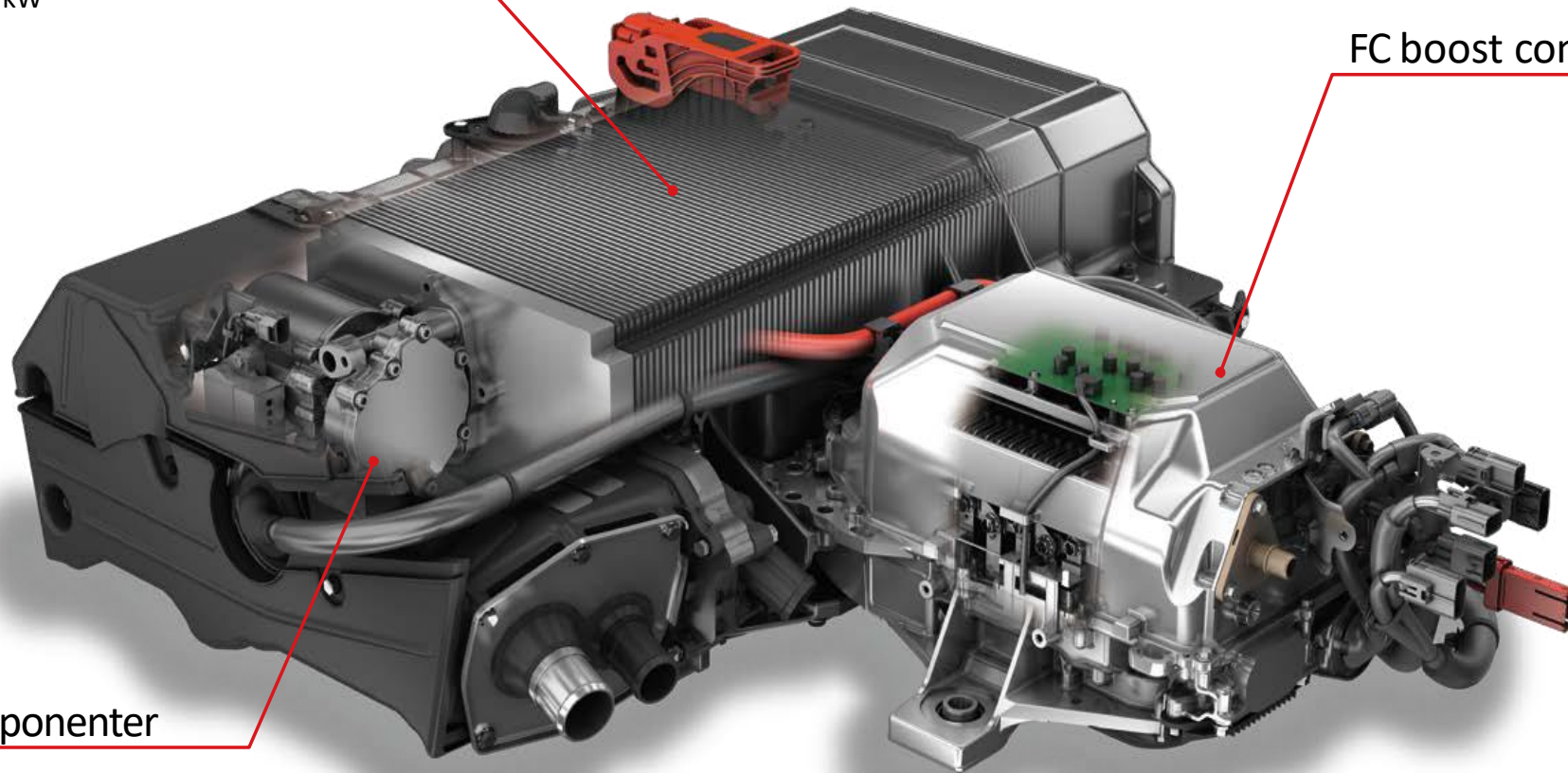
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## Toyota FC stak

Type: Polymer electrolyte fuel cell

Maximum effekt: 114 kW



FC boost converter

## Andre komponenter

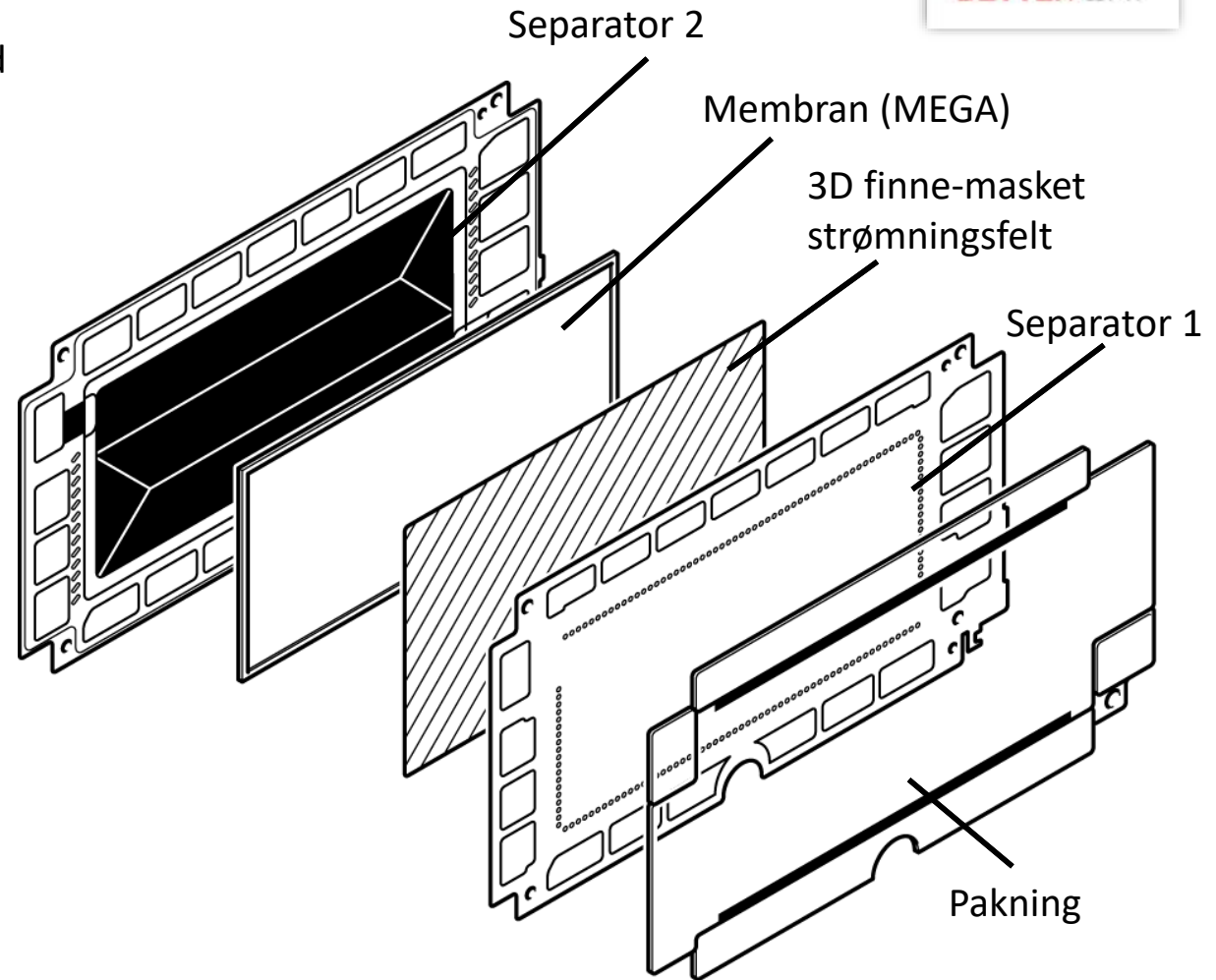
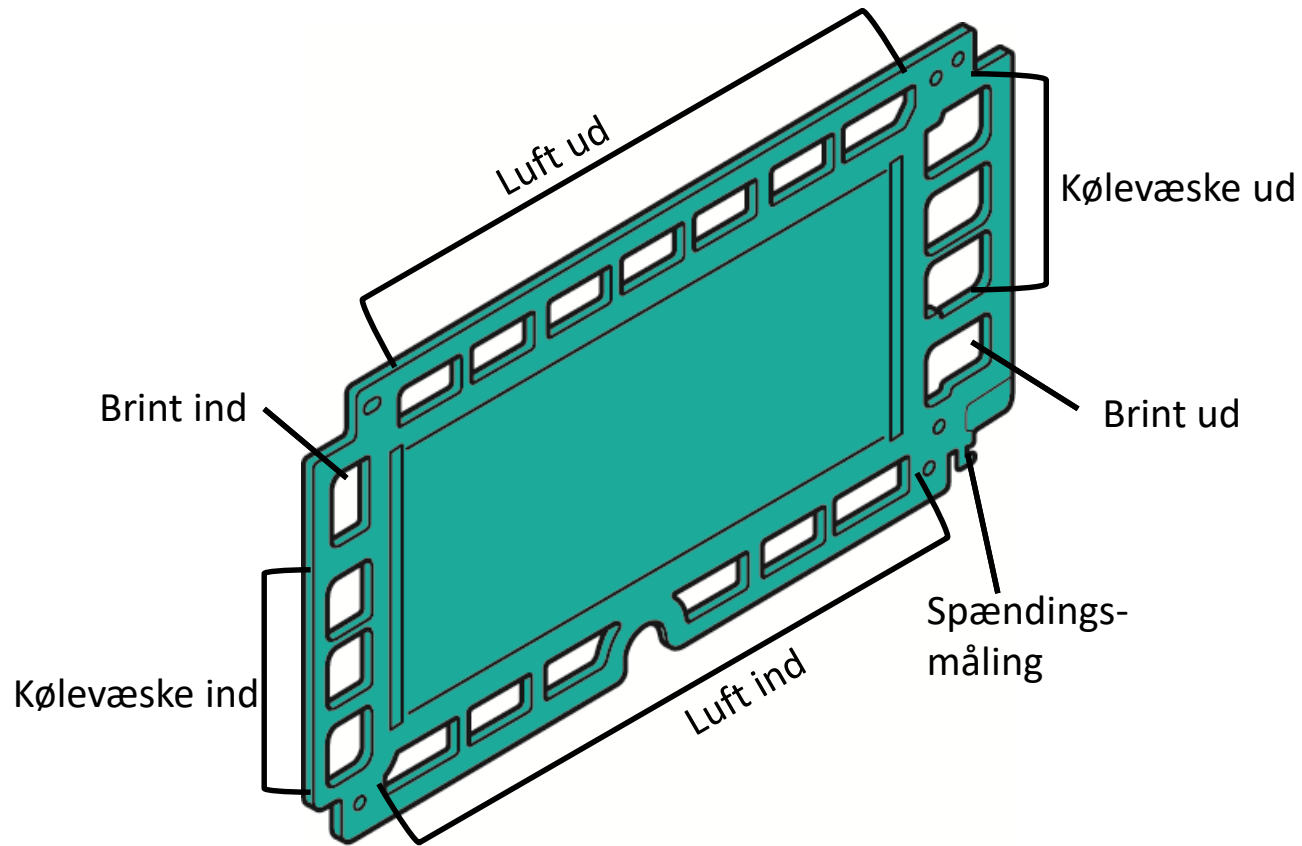
Hydrogen indsprøjtningdyser  
Hydrogen cirkulationspumpe,  
Gas-væske separator

# Brændselscelle opbygning



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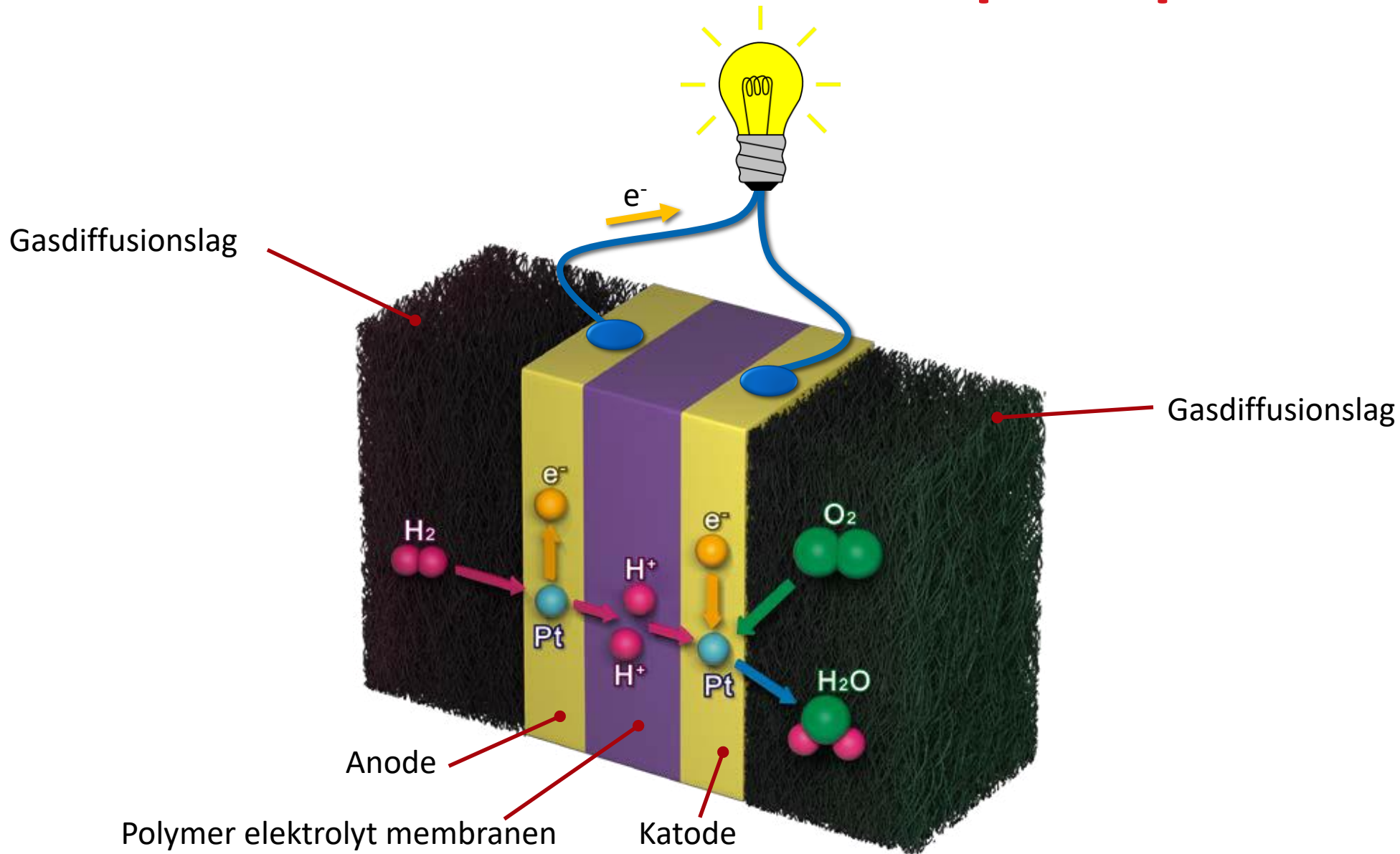


# PEM Brændselscelle funktionsprincip



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# Tak



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