

# GROW! MidTerm event

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# Proefopzet

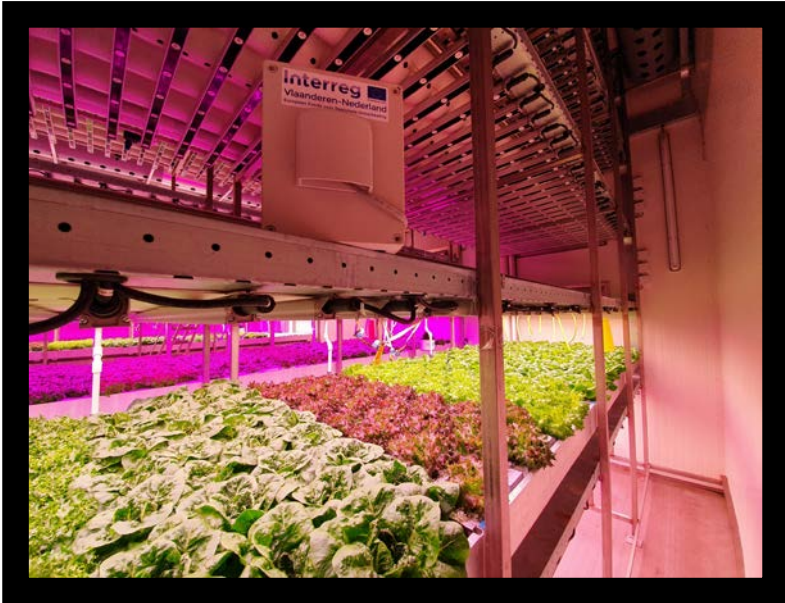
Brightbox



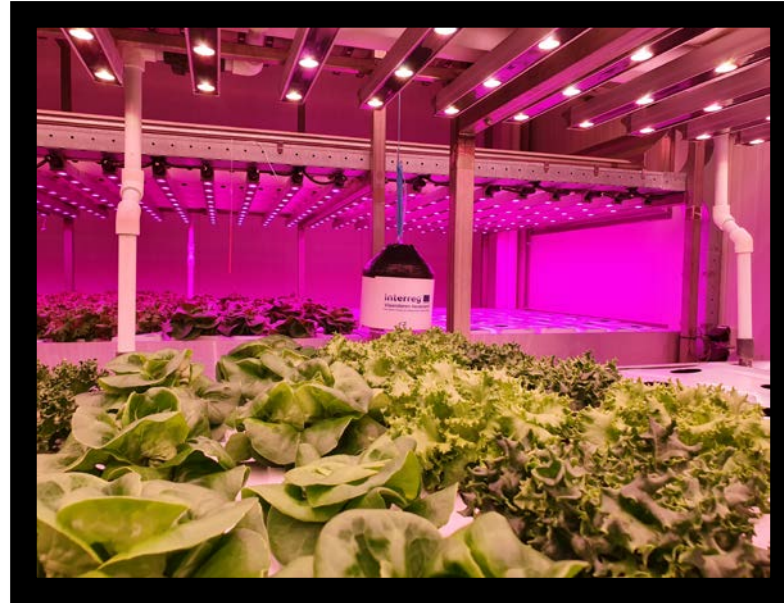
Klimaatinstellingen brightbox gedurende slateelt		
Dag-nacht ritme	18 h dag (5.00 - 23.00)	6 h nacht (23.00 - 5.00)
Temperatuur dag	24 °C	
Temperatuur nacht	22 °C	
Luchtvochtigheid dag	65%	
Luchtvochtigheid nacht	85%	
Hoeveelheid CO <sub>2</sub>	900 ppm	

Lichtrecepten	
Stelling 1	Rood + Blauw
Stelling 2	Rood + Wit
Stelling 3	Rood + Blauw + Verrood
Stelling 4	Rood + Wit + Verrood

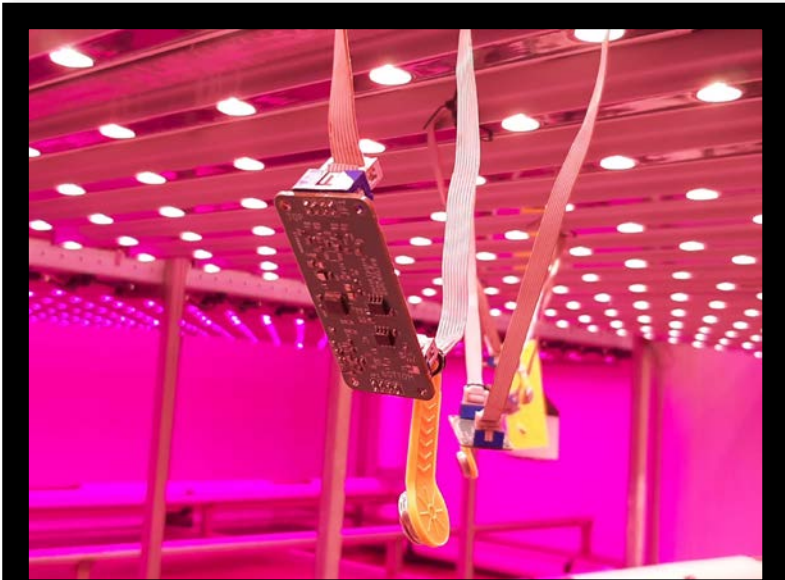
1



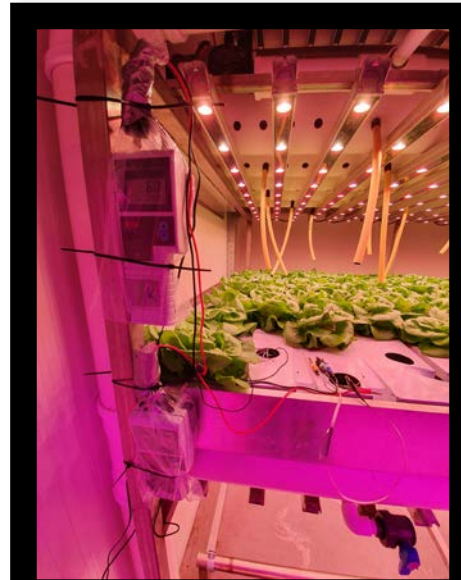
2



1



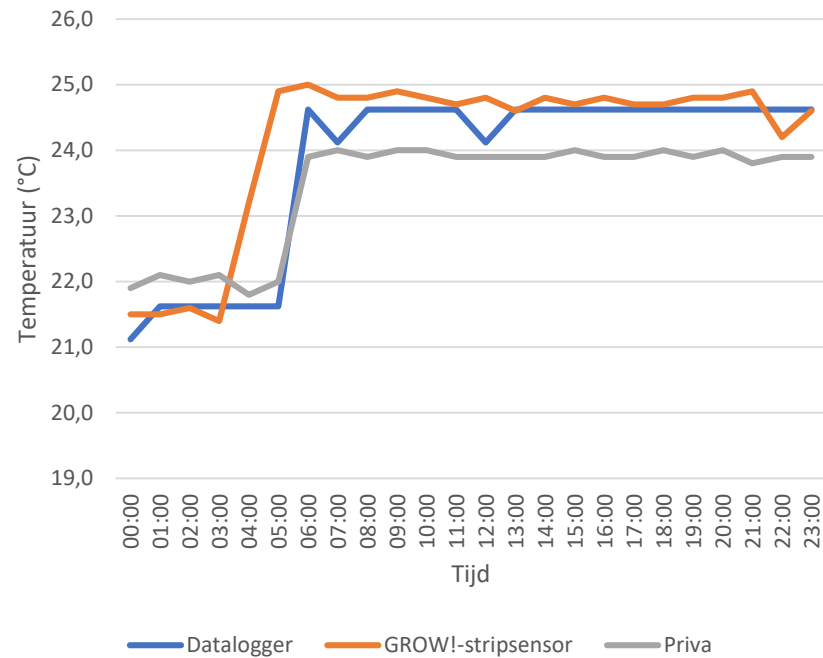
3



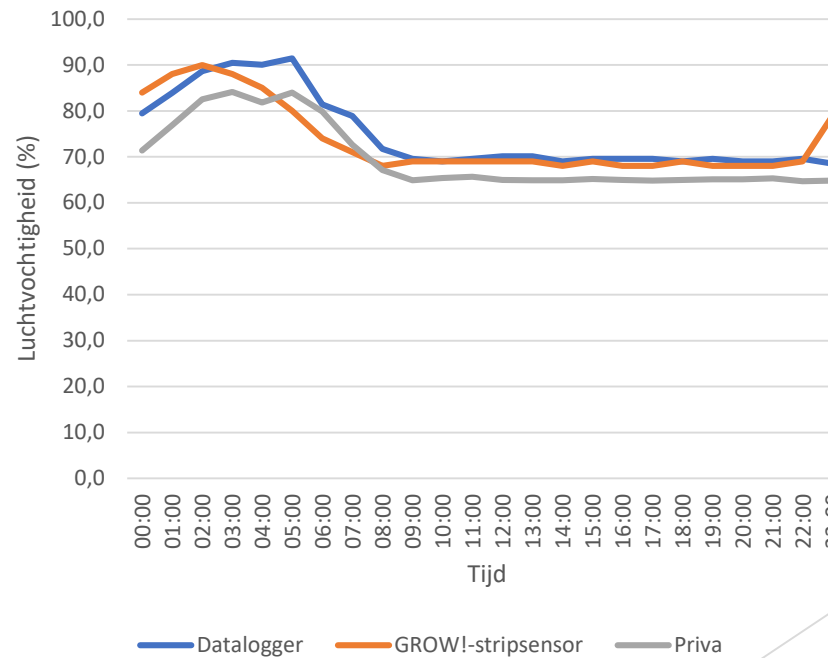
# Data omgevingsensoren

## Brightbox

### Temperatuur (°C)



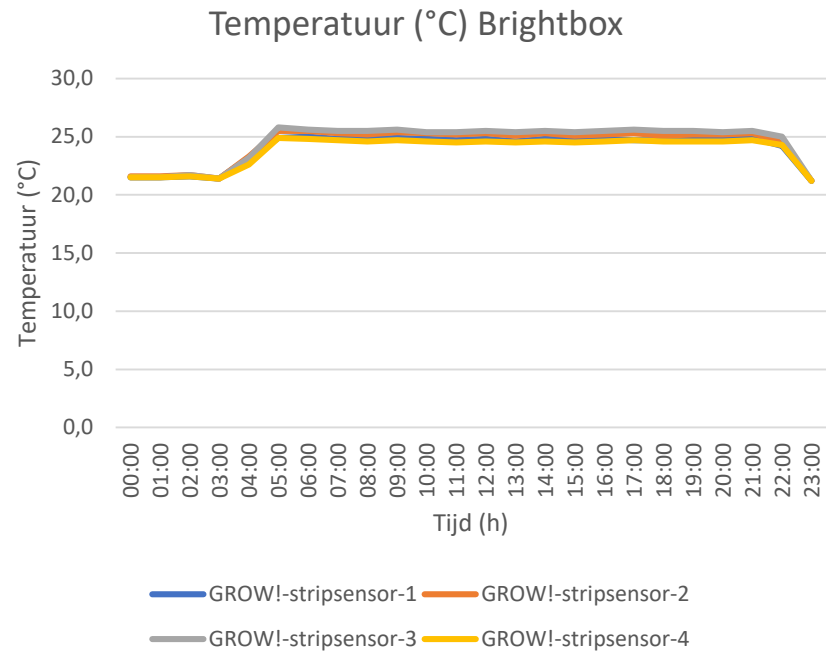
### Luchtvochtigheid (%)



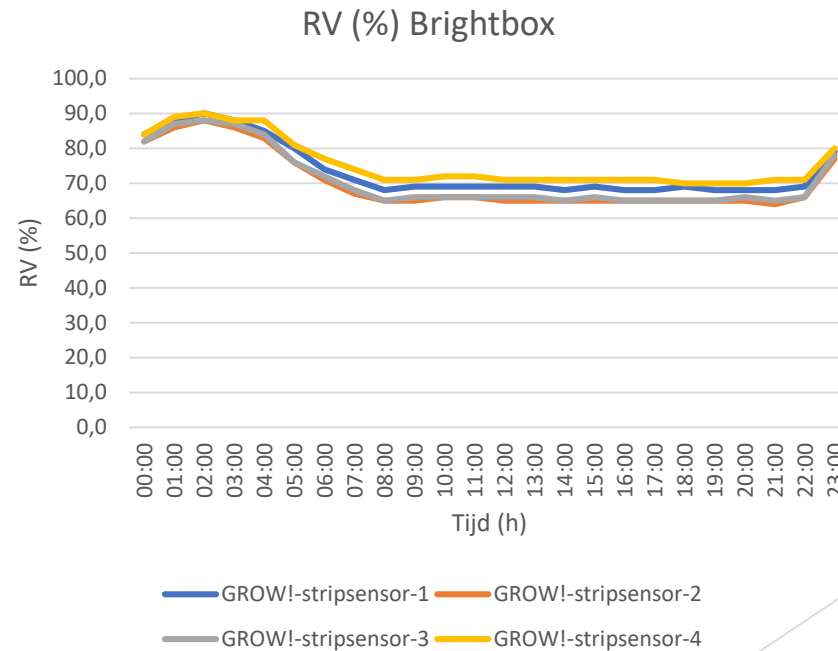
# Data GROW! - sensoren

Brightbox

## Temperatuur (°C)



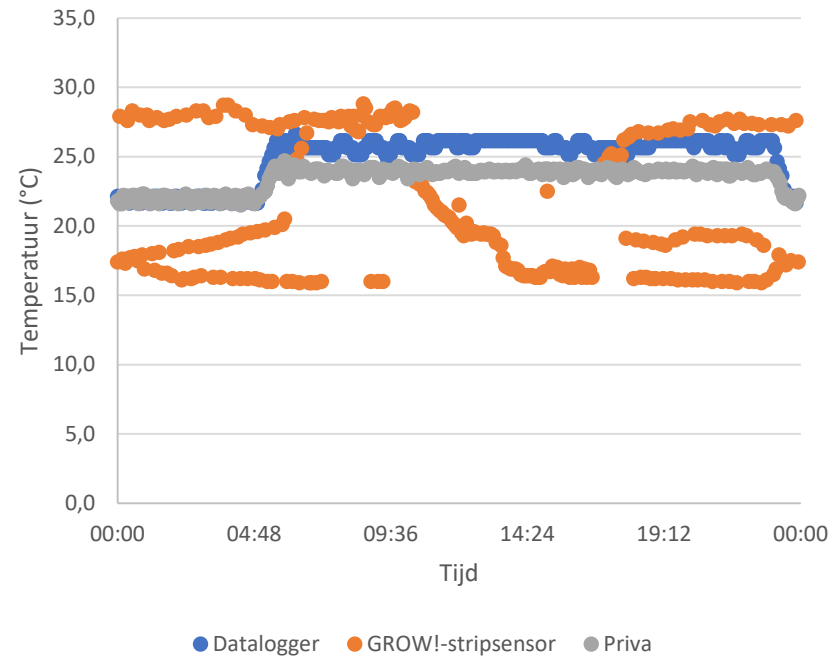
## Luchtvochtigheid (%)



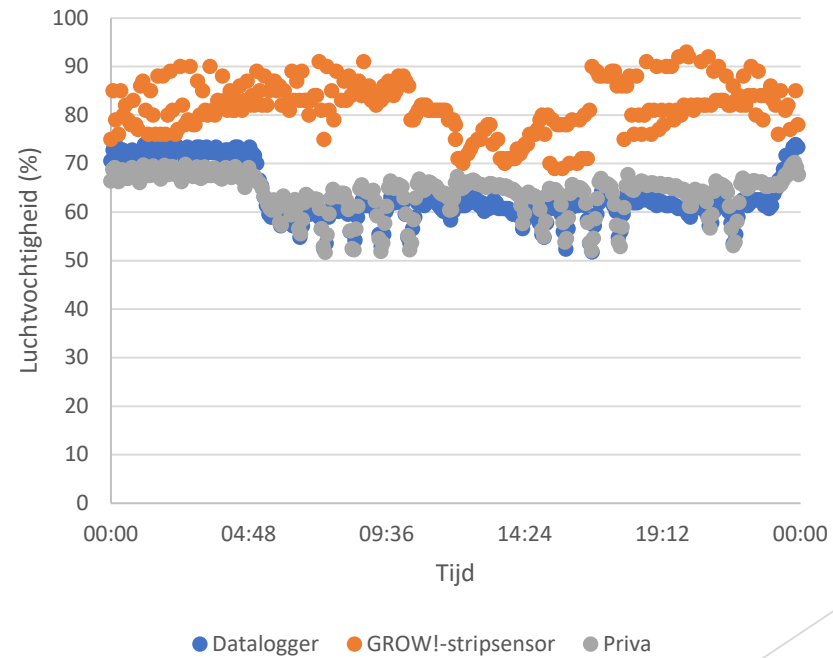
# Data GROW! - sensoren

Brightbox

## Temperatuur (°C)



## Luchtvochtigheid (%)

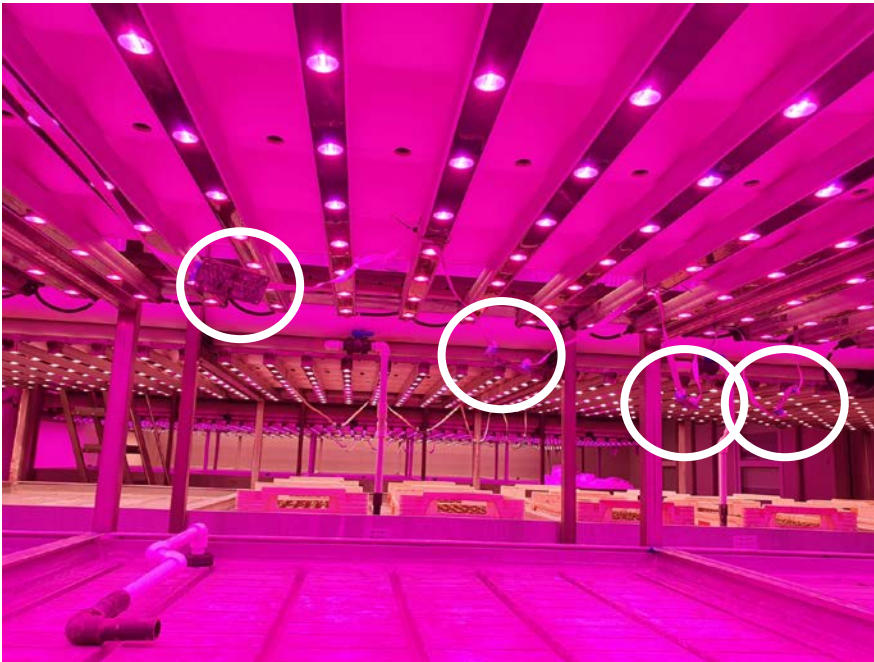


# Data SLA - TOMAAT

Brightbox - HAS-kas

Sla

Horizontaal



Tomaat

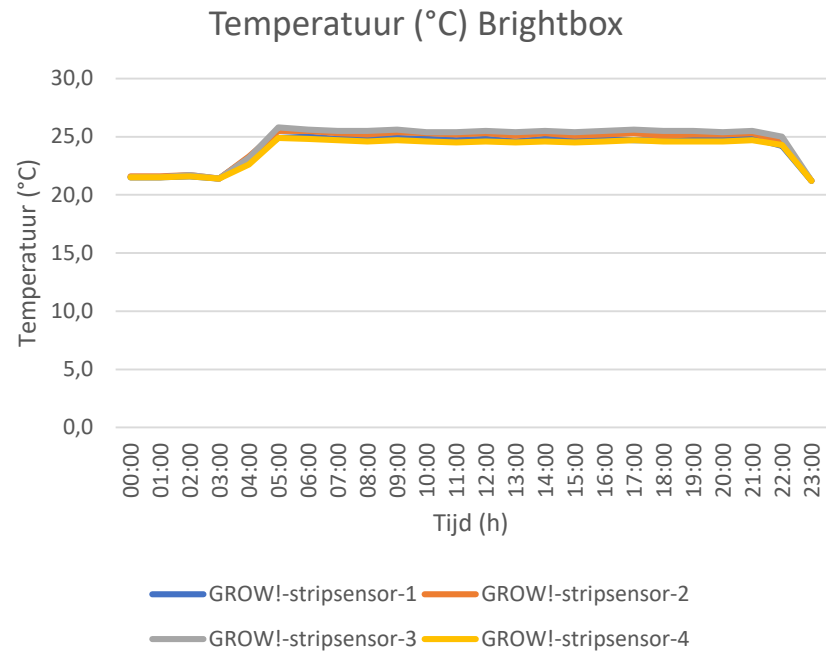
Verticaal



# Data SLA - TOMAAT

Brightbox - HAS-kas

## Sla temperatuur (°C)



## Tomaat temperatuur (°C)

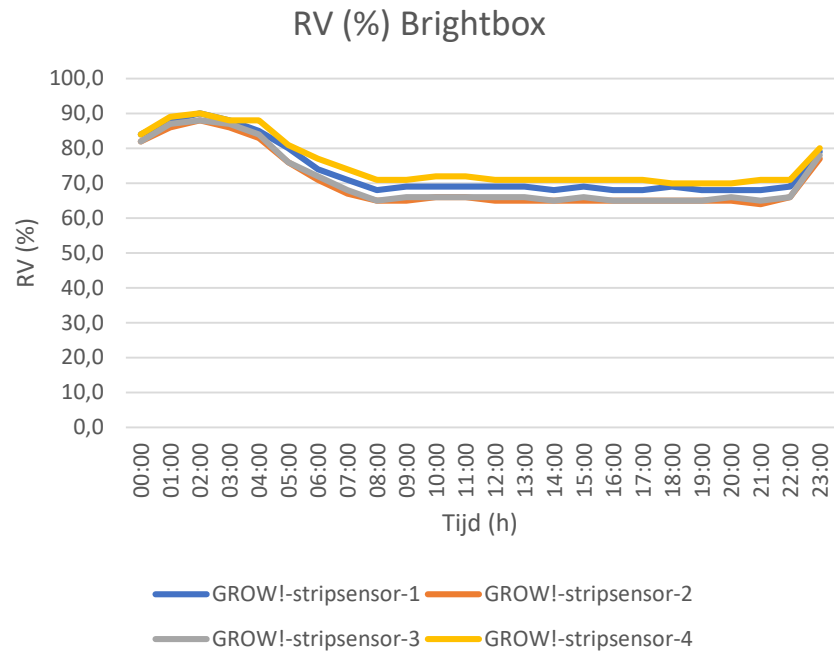




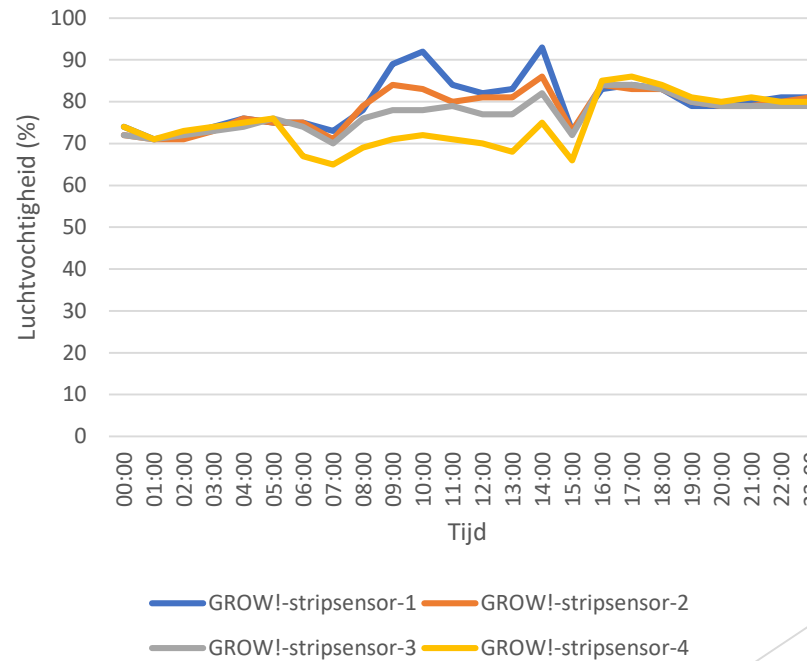
# Data SLA - TOMAAT

Brightbox - HAS-kas

## Sla luchtvochtigheid (%)



## Tomaat luchtvochtigheid (%)



# Ervaringen & Aanbevelingen

- ▶ 1) GROW!-stripsensoren
  - + Robuust
  - + Handig in gebruik
  - Niet constant
  - Lastig met ruwe data
- ▶ 2) Airflowbox
  - + Robuust
  - 1 meetpunt
- ▶ 3) K<sup>+</sup> & Ca<sup>2+</sup>-sensoren
  - Kwetsbaar -> Gevoelig membraan, Geen lange levensduur (2 weken)
  - Kalibreren

The image features a 3D-rendered scene with a blue sky and a yellow question mark in the foreground. A blue question mark is visible in the background, partially obscured by a large, semi-transparent blue question mark. The scene is set against a background of a blue sky with a large, semi-transparent blue question mark. The overall composition is abstract and symbolic, suggesting a focus on questions or inquiry.

Vragen?