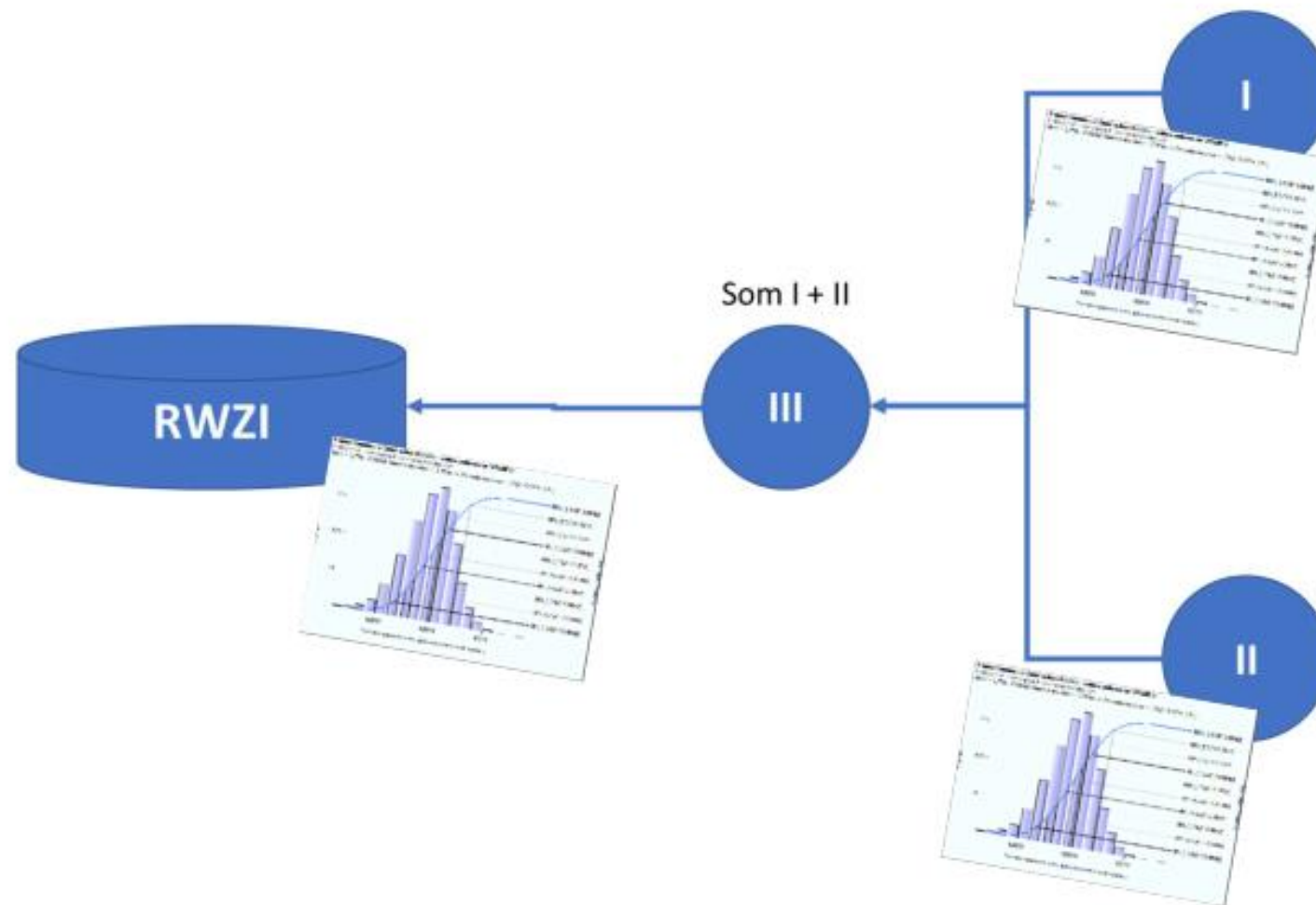


# Onzekerheden in afvalwaterprognoses

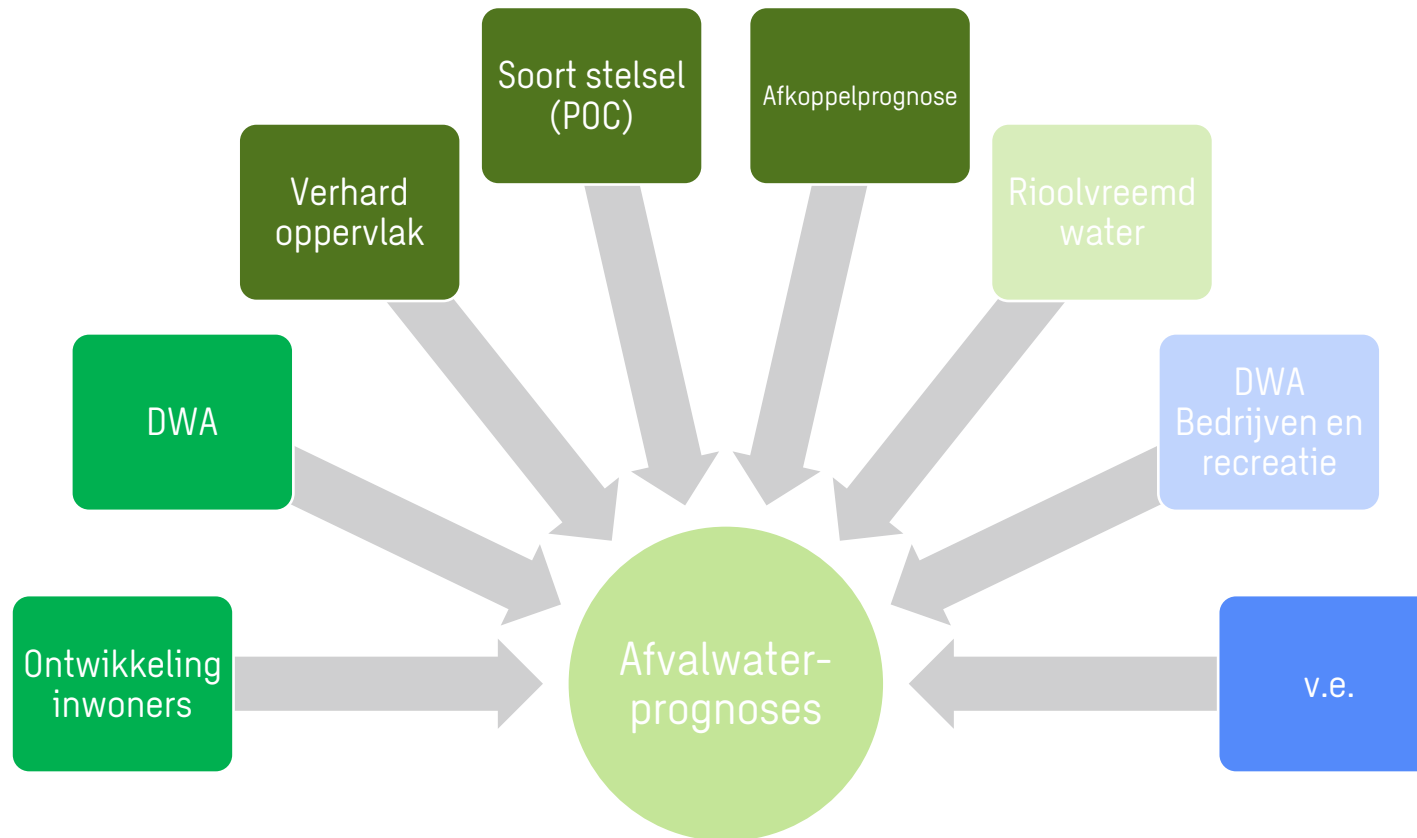
COP 17 mei 2022

Renske ter Horst en John Driessen

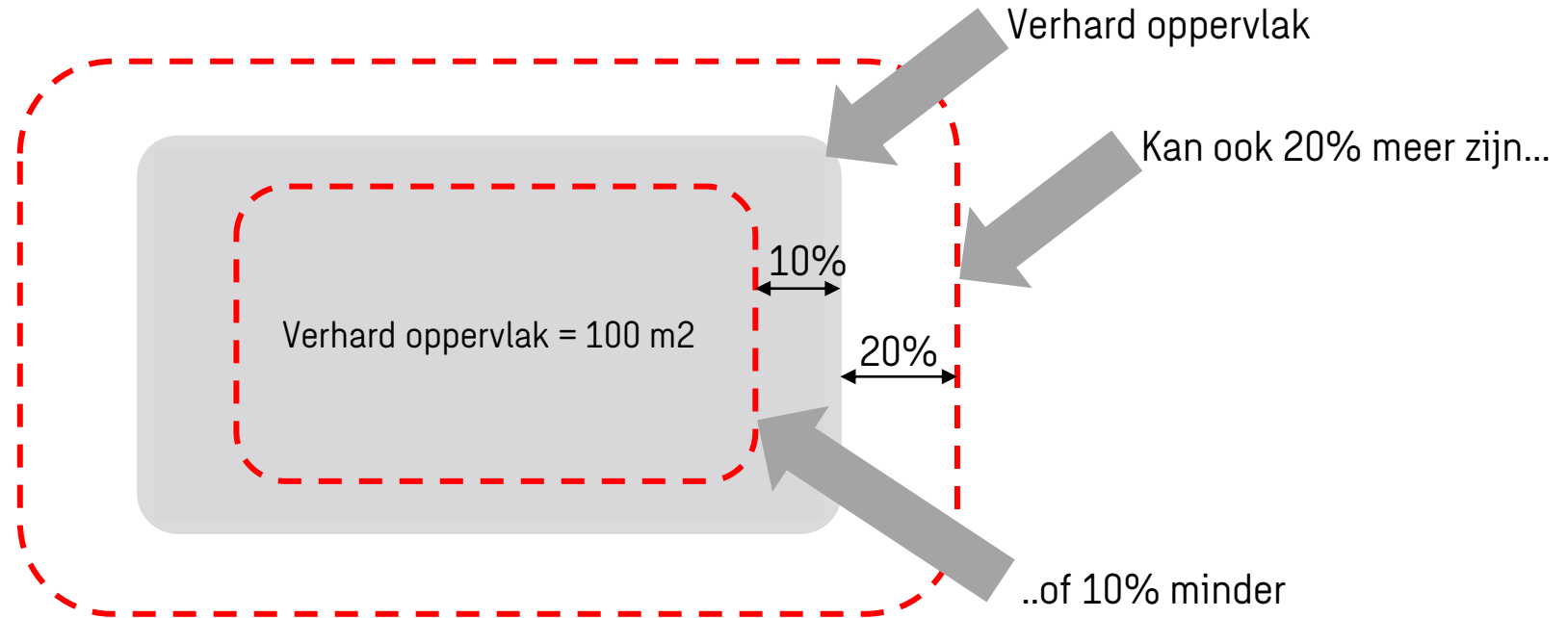
# Afvalwaterprognoses



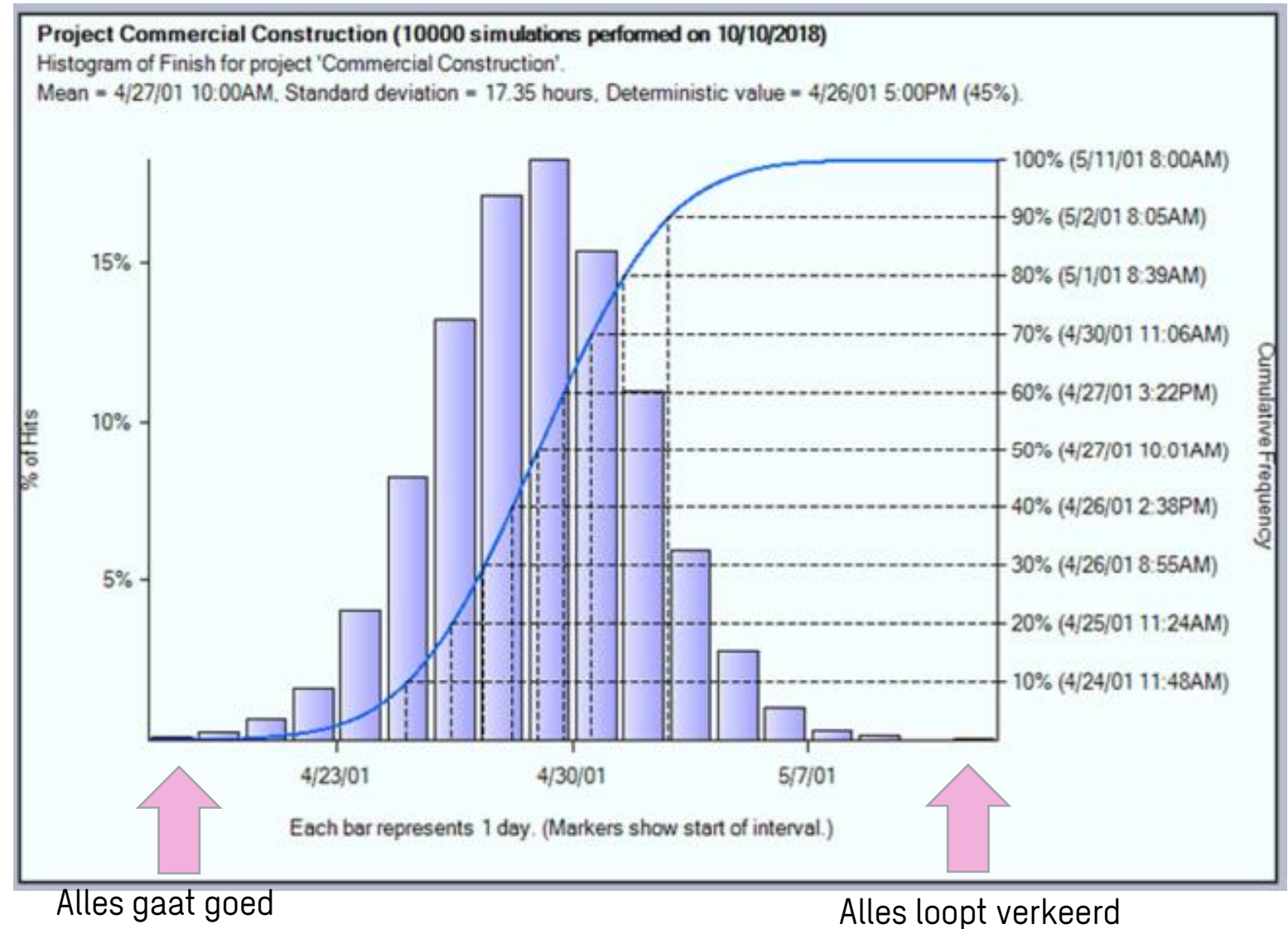
# Deze invoerparameters gebruiken we



# Quiz!

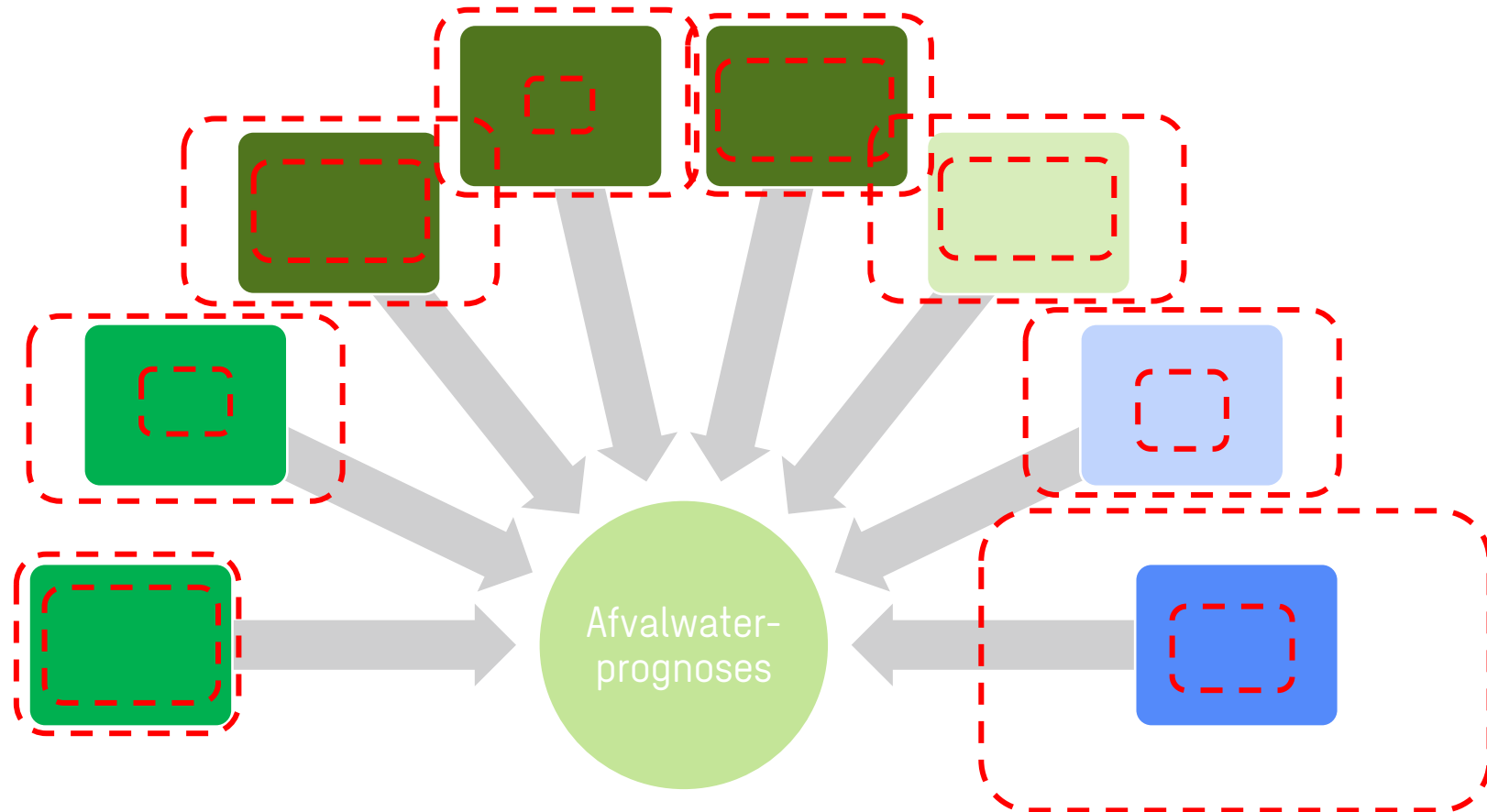


# Monte-Carlo analyse: denken in kansen van optreden





# Iedere parameter zijn eigen onzekerheid



# En hoe gaan we die bandbreedtes vaststellen...

1. Literatuur
2. Meetresultaten
3. Onderzoek
4. Expert judgement



# Verdeling van de onzekerheden



BetaGeneral



Binomial



Cumul



Discrete



Expon



Gamma



General



Histogrm



Lognorm



Normal



Pert



Poisson



Triang



Trigen



Uniform

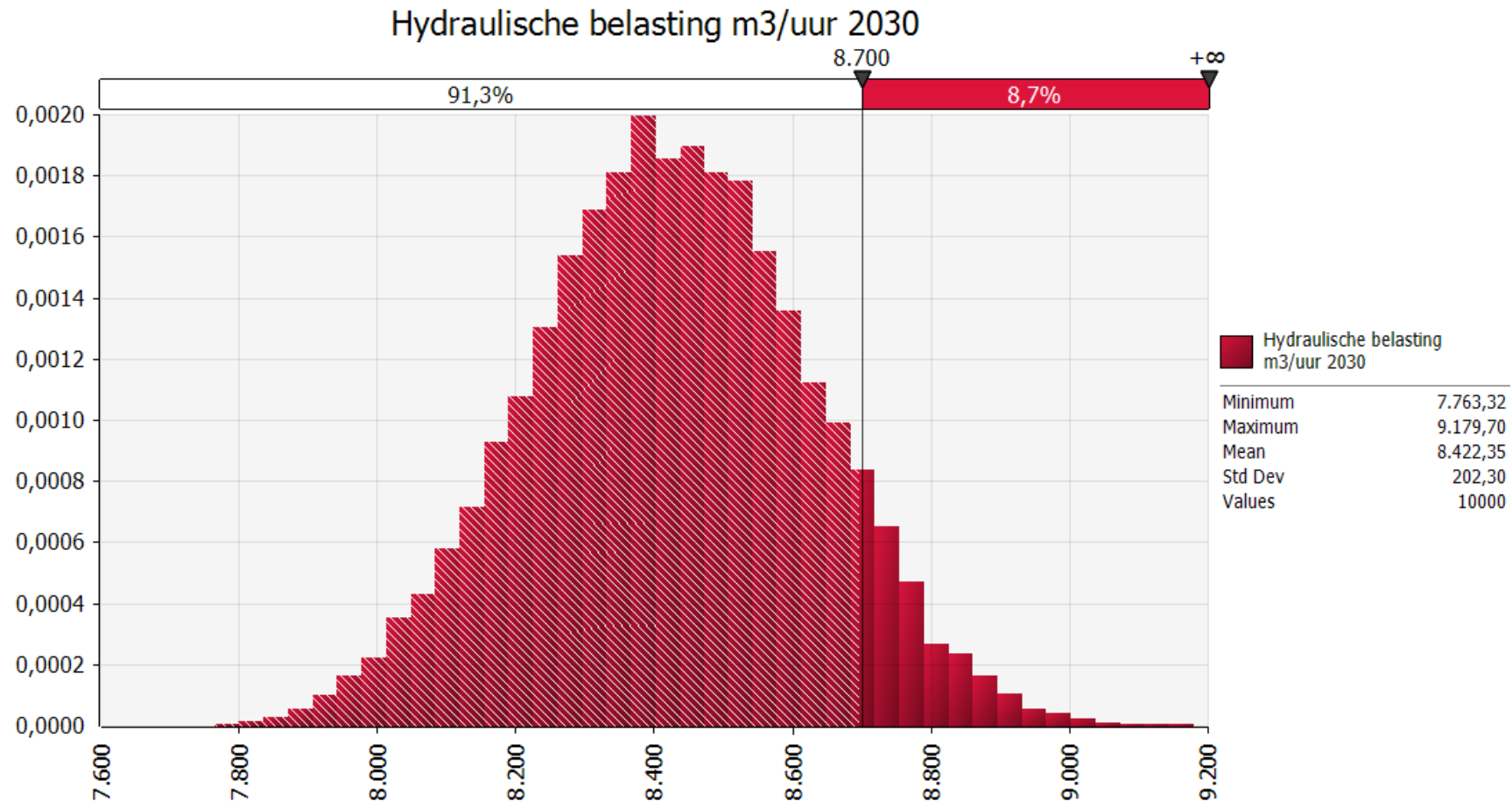


Vary

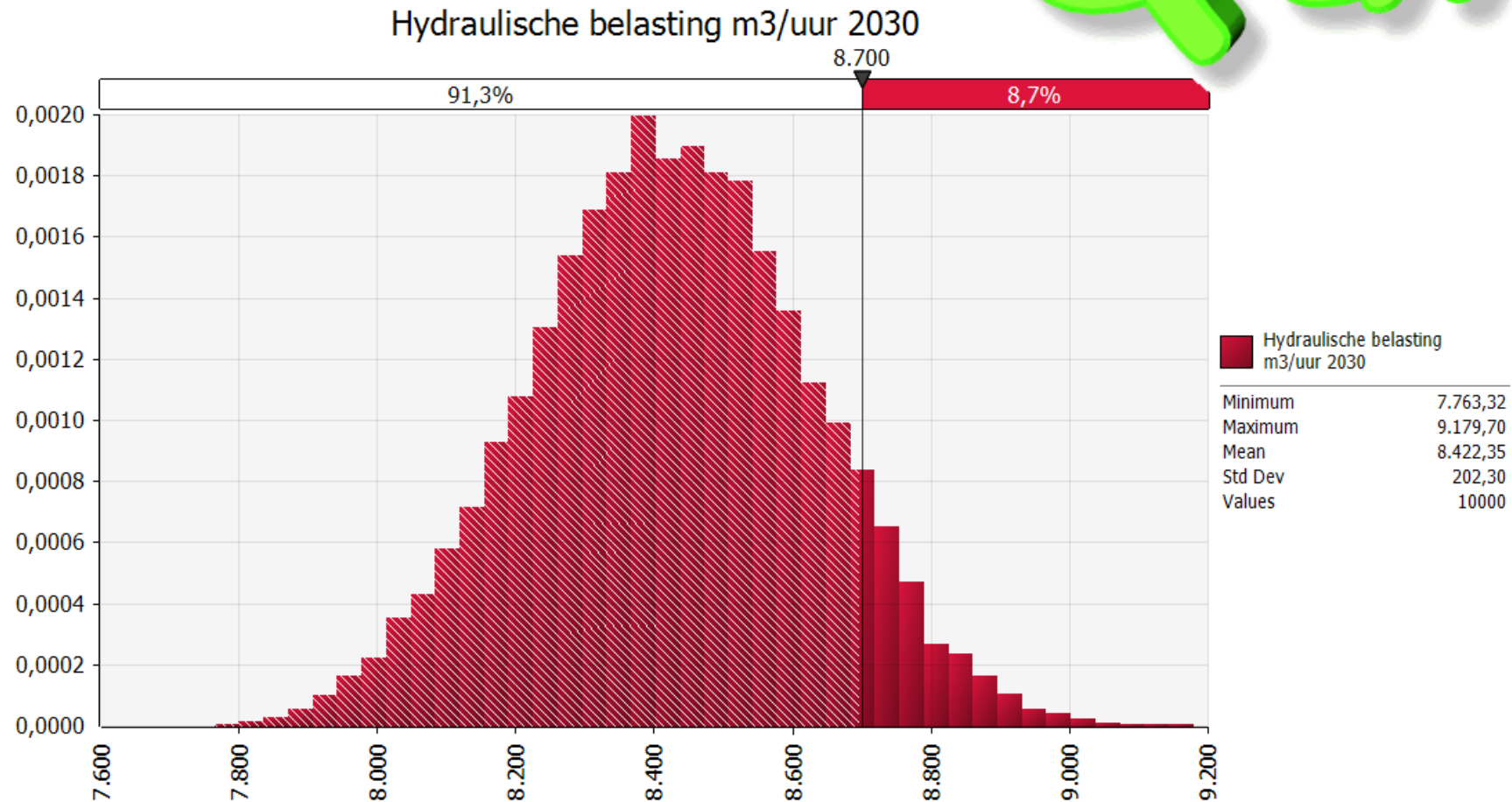


Weibull

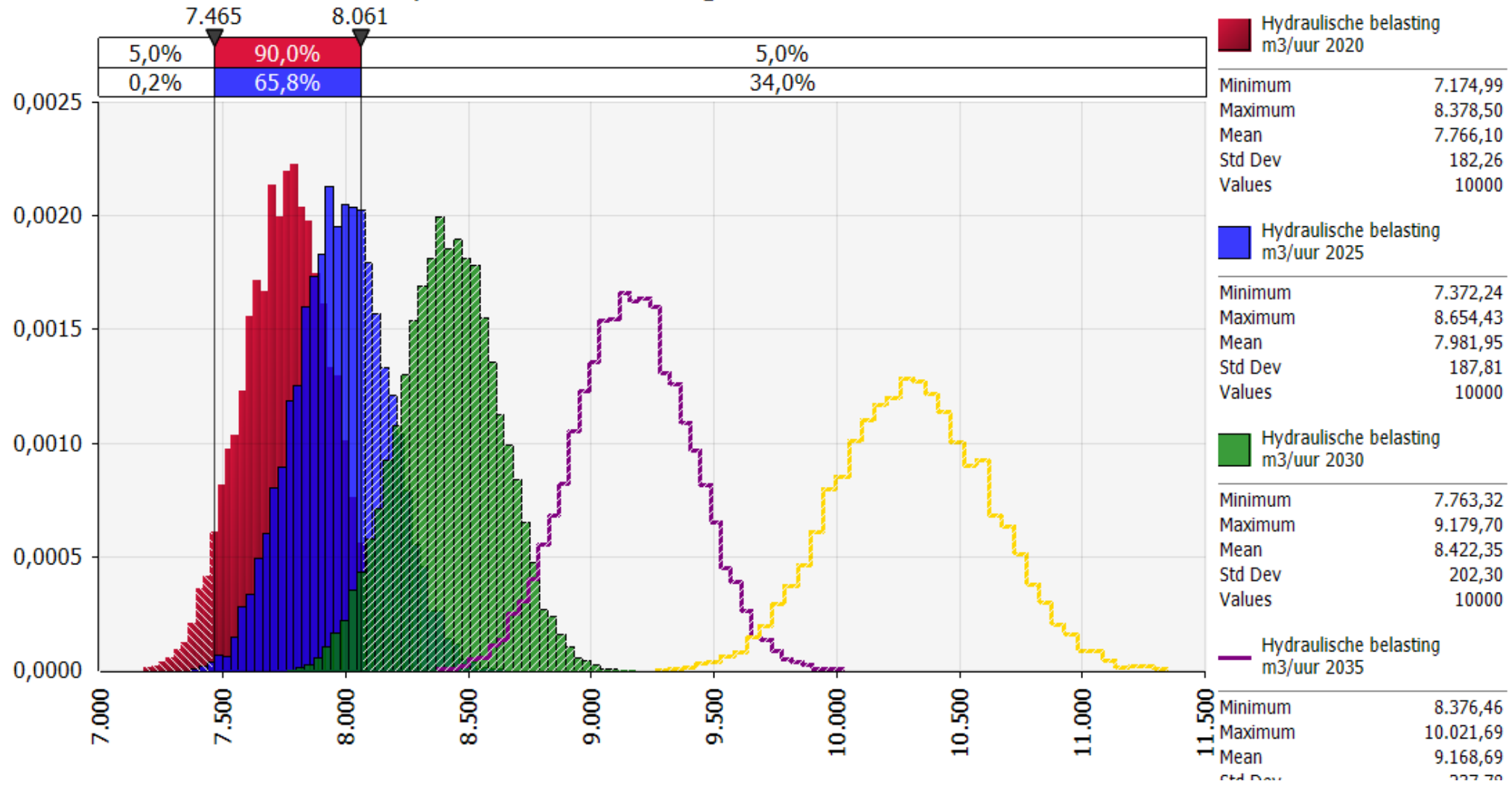
# Prognose 2022: 8,7% kans dat zuivering niet voldoet in 2030

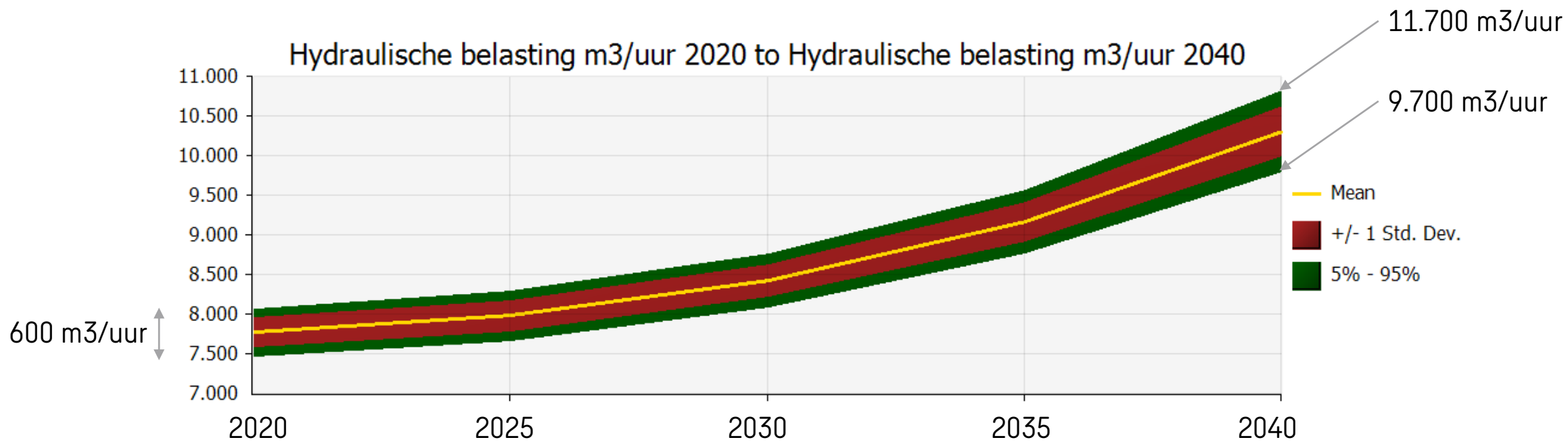


# Quiz!



## Hydraulische belasting m3/uur 2020





Wat geven jullie ons mee...

*Quiz!*

