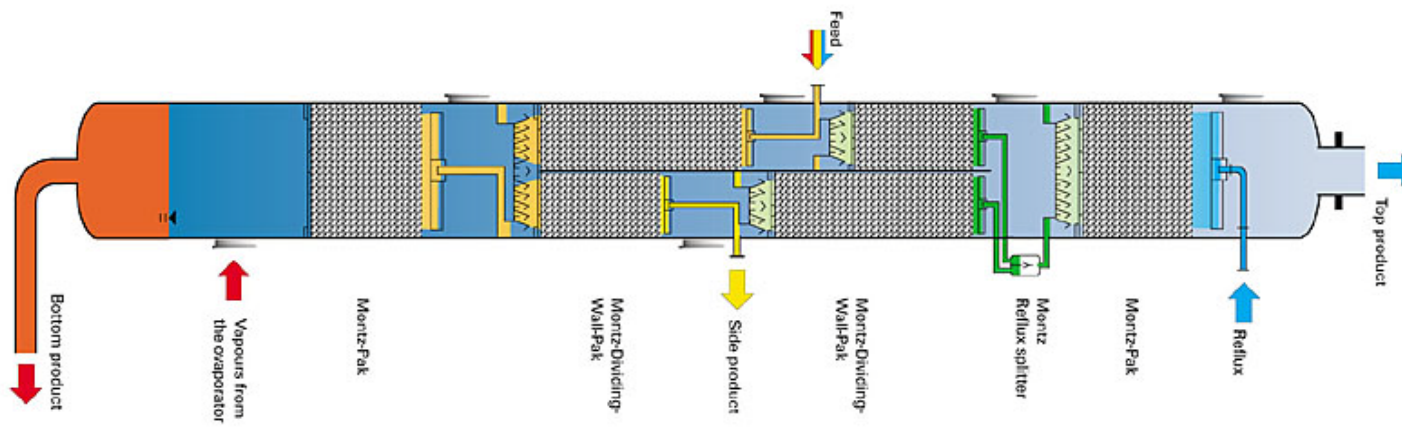




Spring Session PINNL 2012

Hosted and funded by Agentschap NL

Thursday 19th of April



Source:

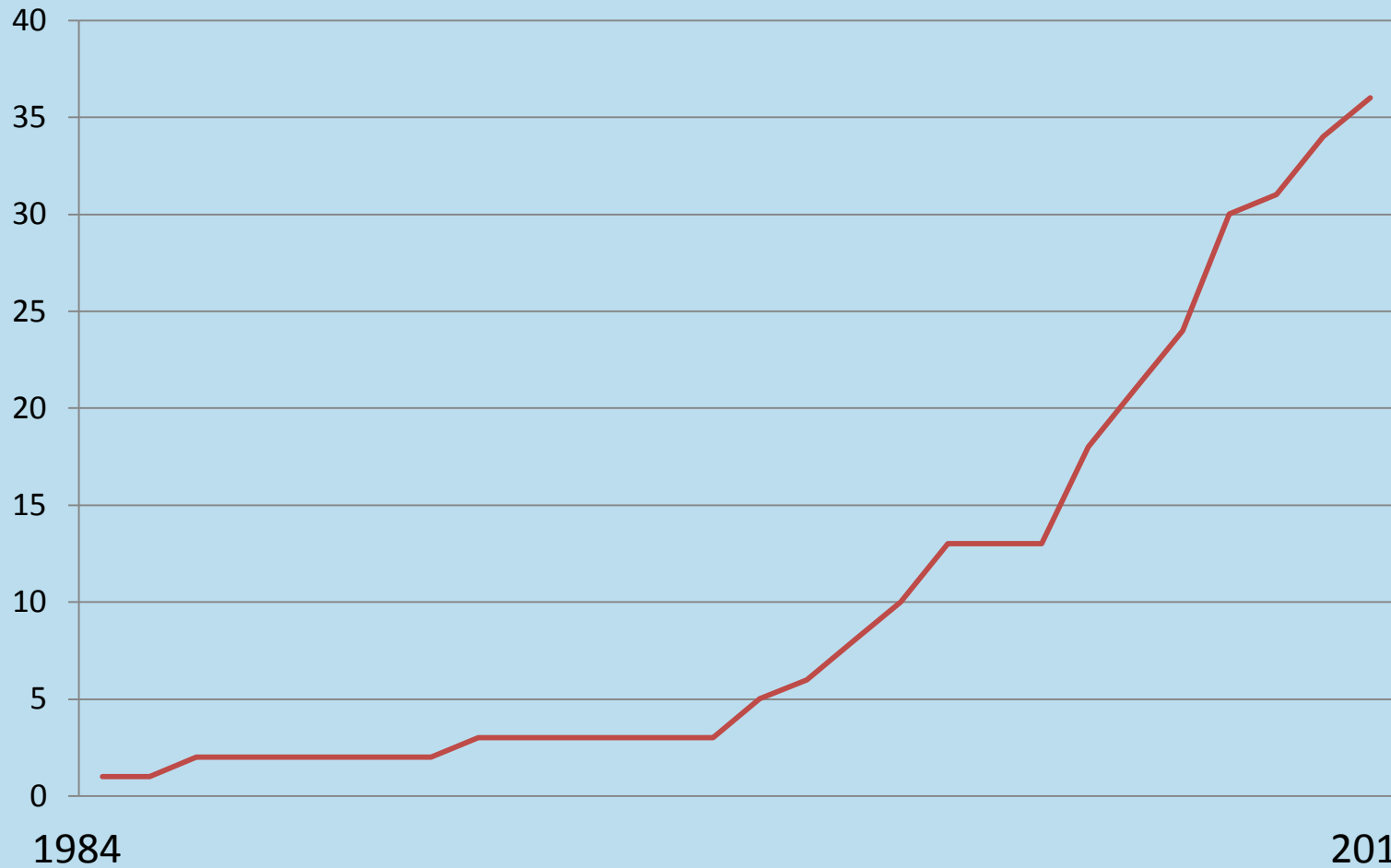




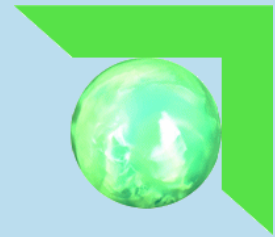
Intro Spring Session PINNL 2012



Cumulative number of **installed** dividing wall columns



2011 Source:



What does this mean?

Energetic Final Use in Dutch Chemical Industry in 2010: 292 PJ (source CBS; excluding refining)

Energy consumed by distillation: 40% (source ECN)

Energy efficiency increase with DWC: > 20%

Assume 33% of existing columns can be retrofitted with DWC

Potential savings: **7,7 PJ**

Conclusion: one commercial PI application can save 7,7PJ in NL

Number of installed DWC's in the Netherlands: zero