



Cellvation

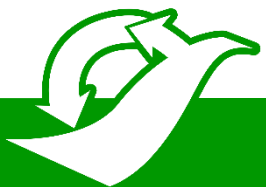
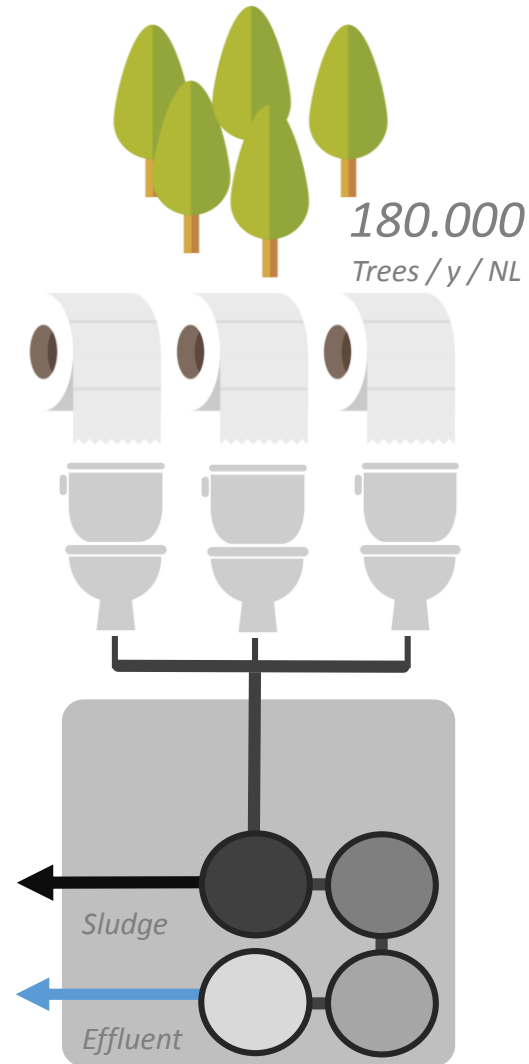


Circular economy starting at the loo!

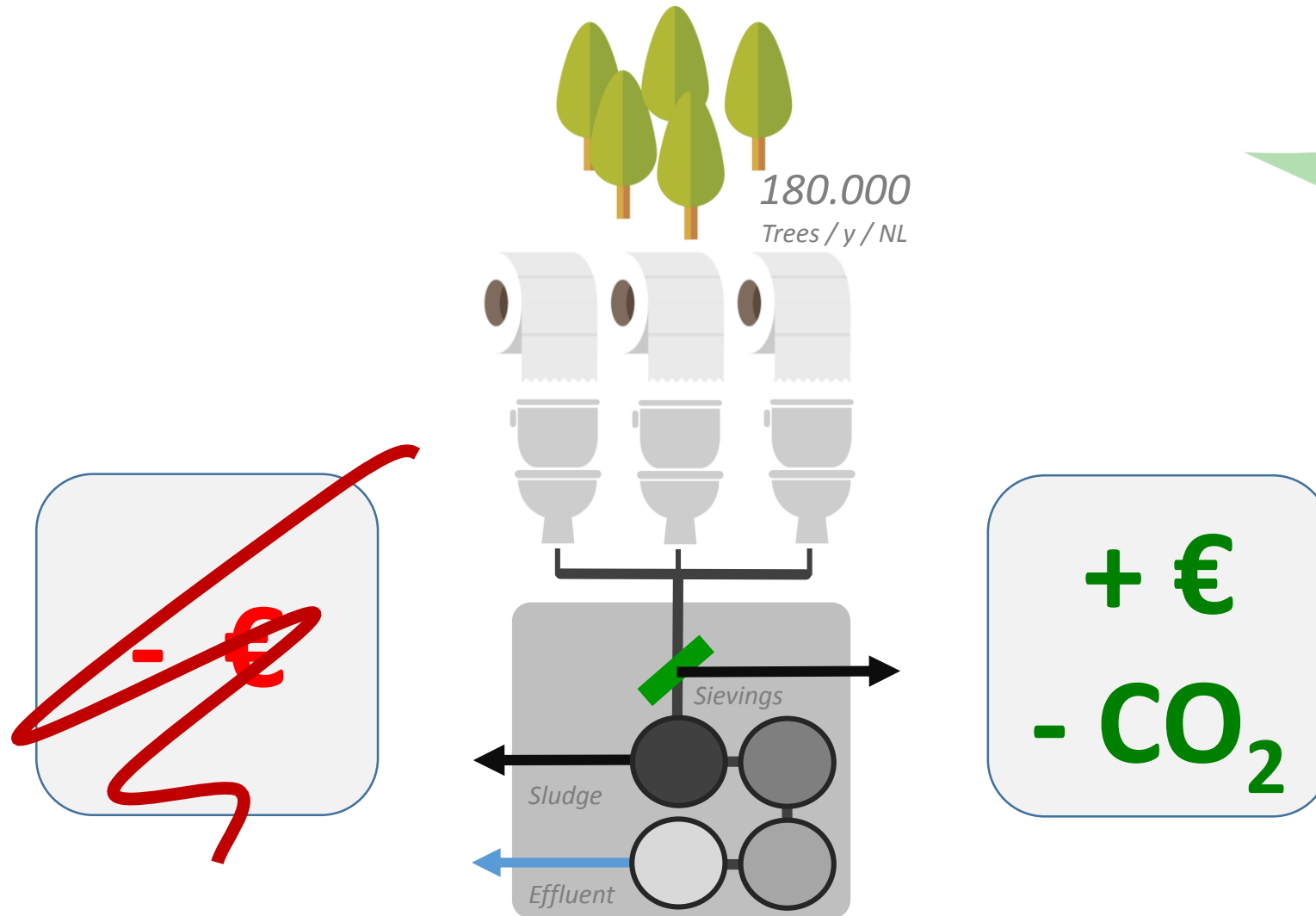
Erik Pijlman
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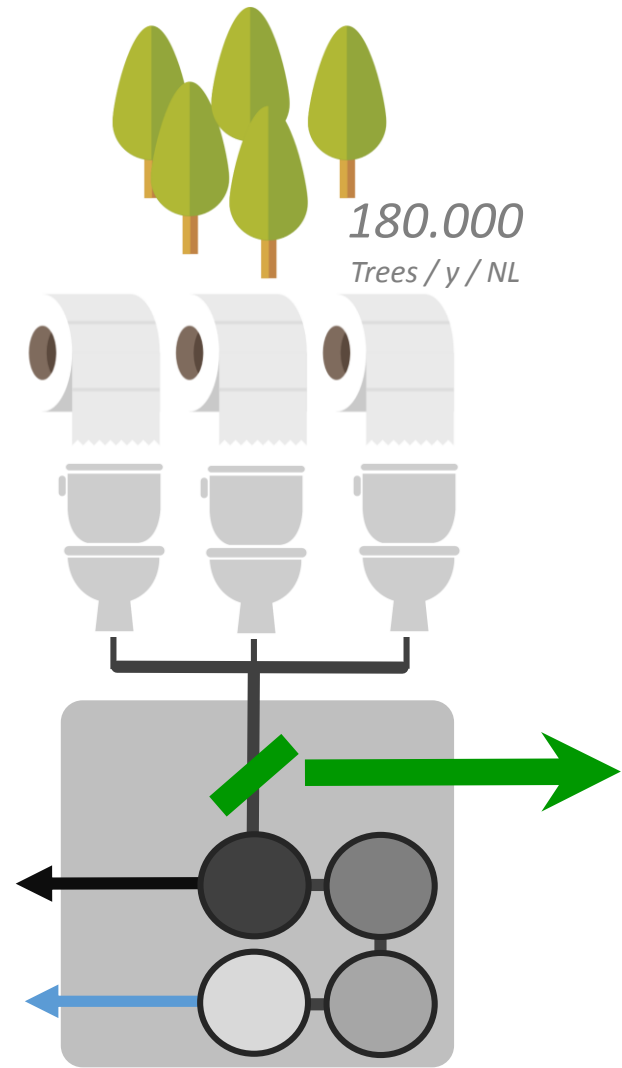
Business as Usual



Circular business model



Business model Cellvation



+ €
- CO₂



Cellvation



Recell®



chemicals



building



infra

Opening Recell® based cycling lane Leeuwarden



mr. Egbert Berendst,
Wetterskip Fryslân

mr. Michiel Schrier,
Fryslân Province



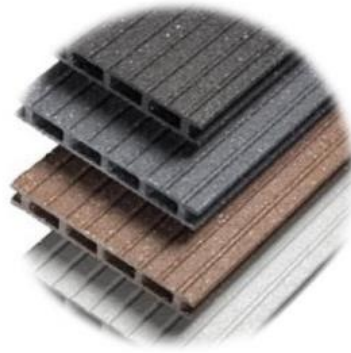
Outlets for **Recell**® are:



Asphalt



Biochemicals



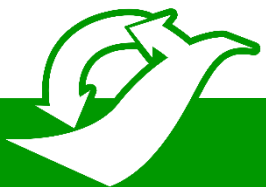
Biocomposites



Bioplastics

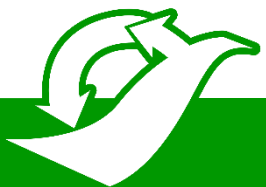


Insulation



USP's Cellvation & Recell®

- ✓ Proven concept
- ✓ Demand for sustainable resource Recell®
- ✓ Sustainable profit: € & CO₂
- ✓ Fits Circular economy / Paris agreement neatly

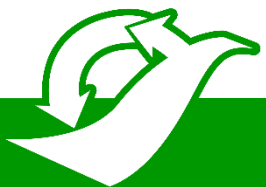


Development progress:

- ✓ Pilot plant
- ✓ Demonstration plant
- ☐ Full scale: in development together with Dutch water authorities

Challenges we now face:

- ☐ Legislation on re-using residuals (is it waste..?)
- ☐ Funding & Risk-taking

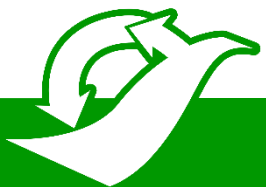


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thank you for your attention