Experiences of a Dutch drinking water company

in the Circular Economy

Martijn Olde Weghuis – Business Development Manager



5,8 million customers

370 MM³

^{8,3} ;≡

€1

Å

m³

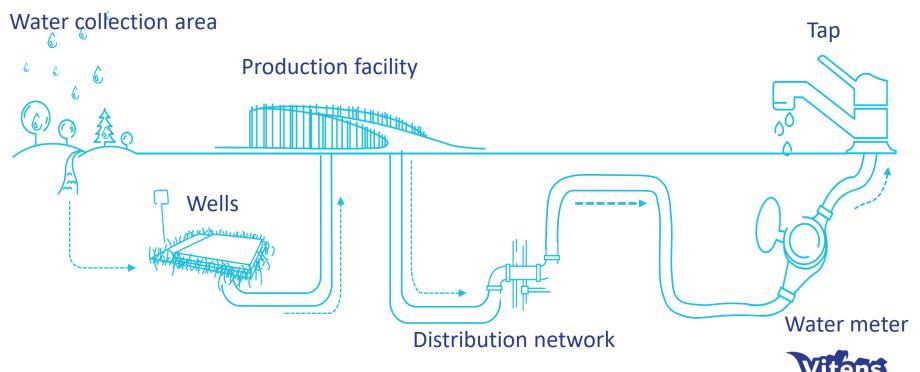
8,3 score on customer satisfaction

€1 /1000 L

1.500 employees



From source to tap



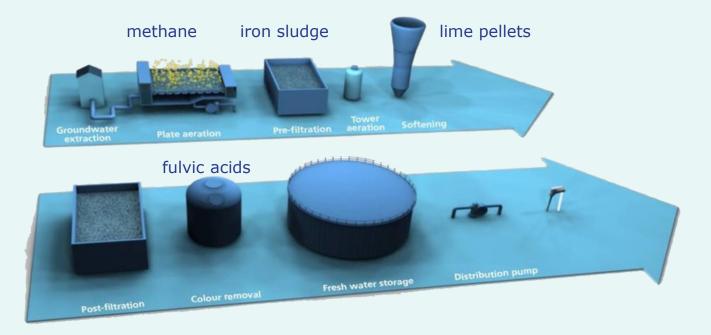








Resource Recovery in drinking water production





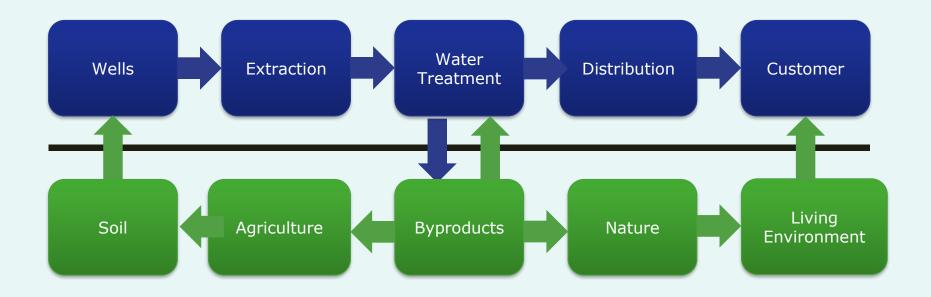
Vitens byproducts

Byproducts	Volume (ton/y)
Iron sludge	35.000
Lime pellets	25.000
Fulvic acids	1.000
Total	>60.000 ton





Circular strategy: from the ground back into the soil



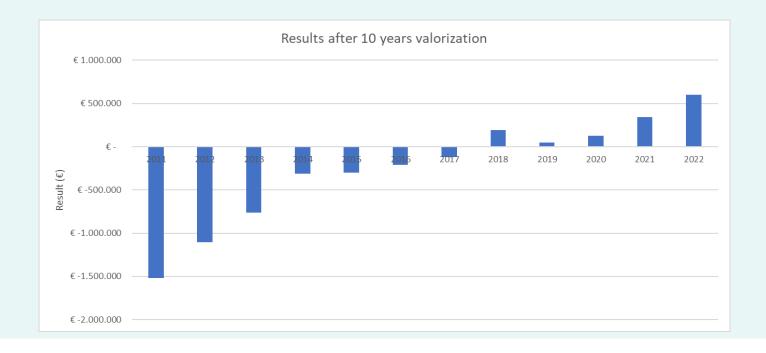


Creating added value for farmers





Successful commercialization of byproducts





Product 1: HumVi[™]

Fulvic acid natural soil conditioner, chelating agent and biostimulant

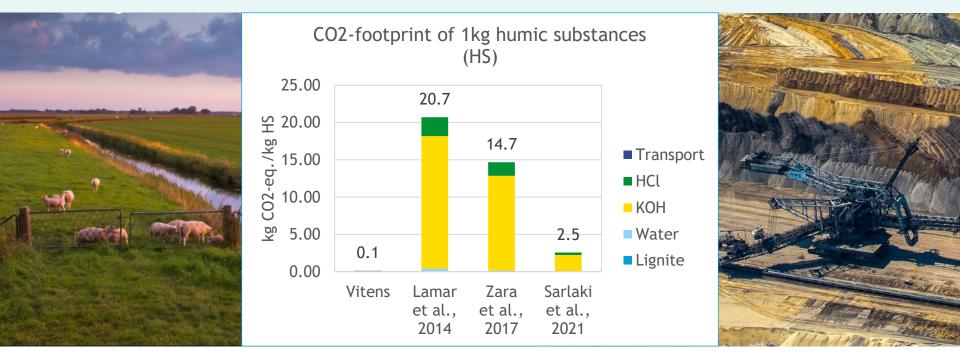








HumVi replaces products extracted from mined lignite



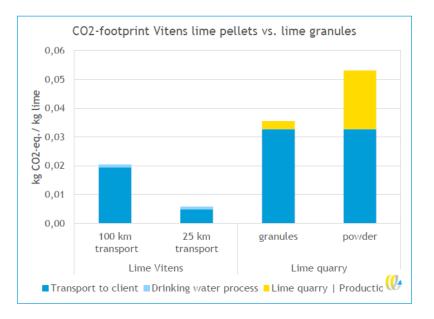
Experiences of a Dutch drinking water company in the Circular Economy



Committed to the Environment

Product 2: Lime pellets

Cirkal[®] Slow Release Soil Improver



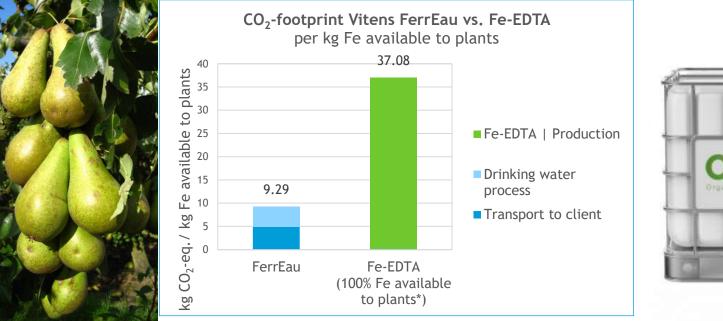






Product 3: FerrEau® Iron micronutrient

A natural alternative for synthetic iron chelates



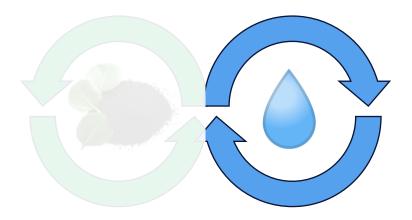








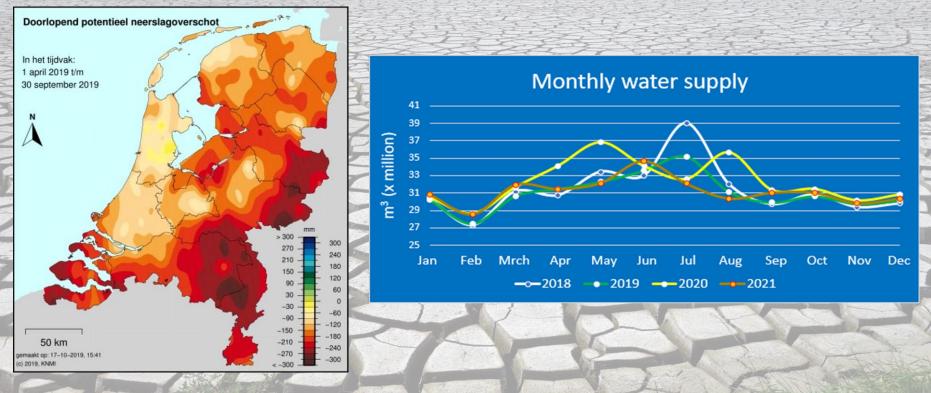






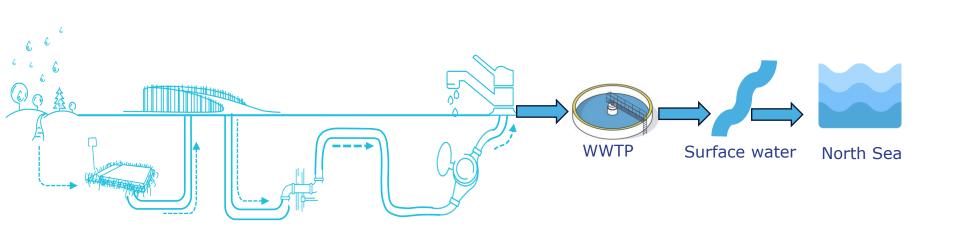
Climate change and water scarcity

Ground water resources under pressure



"Get rid of water as quickly as possible"

Historical linear water system

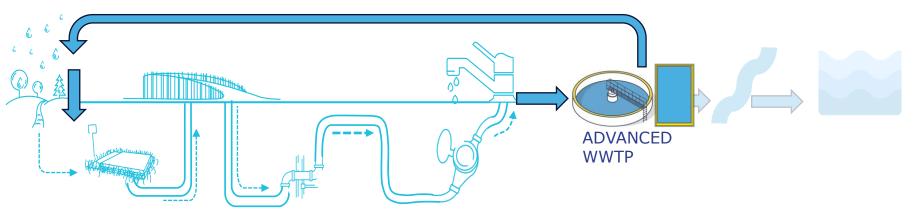


Vitens

"Keep the water in the system"

Working together on circular water ecosystems

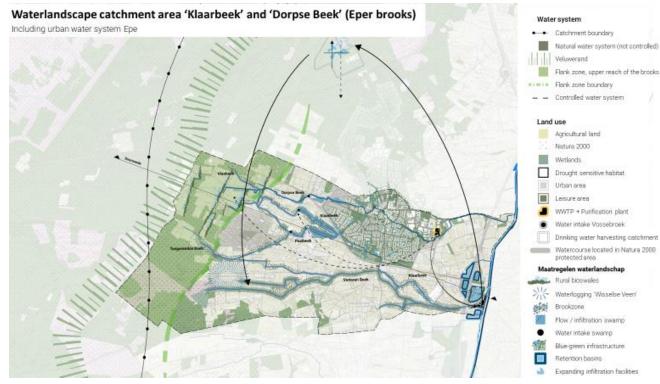
Natural/Farm land





EU-LIFE "Eternal source"

Circular water ecosystem





	water	
VO	υηιο	
	en later	

www.vitens.nl

