

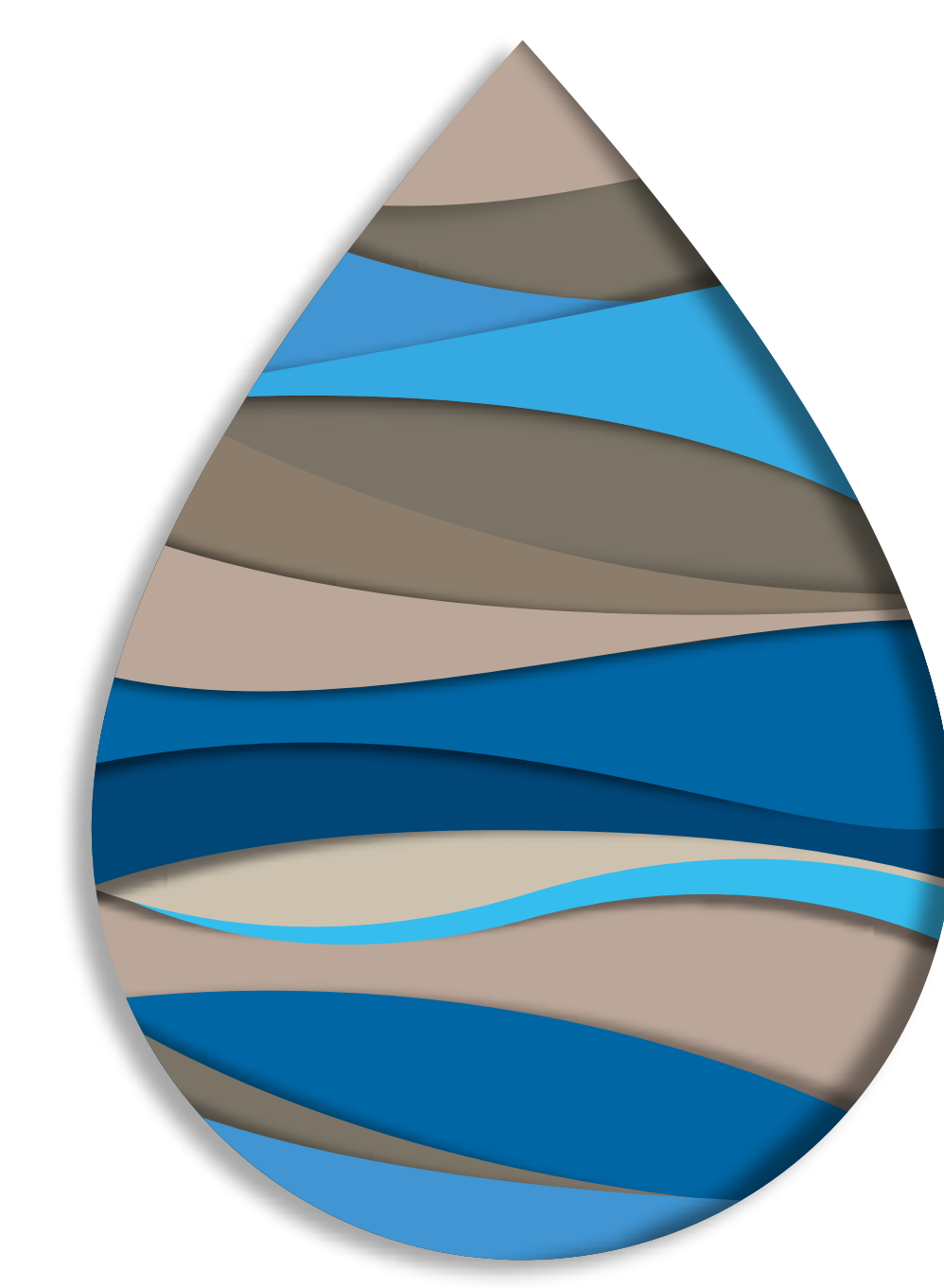
## Invoque™ SUSTAINABLE PERFORMANCE DEWATERING SOLUTIONS

Successful large-scale experiment in METHA plant of Hamburg Port Authority AöR, validated by CUTEC Institut GmbH, Clausthal-Zellerfeld

Generation of 1,000 tons of dry sediment using Invoque™ three-component high-performance dewatering process that contains no harmful chemicals.

The following benefits were delivered compared to the incumbent treatment:

- Enhanced dewatering rate by 15%
- Improved sediment shear strength by 27%
- 20% higher solids content in the dewatered sediment
- Increased batch throughput by up to 25%
- Created sustainable value chain for extracted sediments from River Elbe
- Easy to use, low complexity solution
- Reduced maintenance cycle and costs

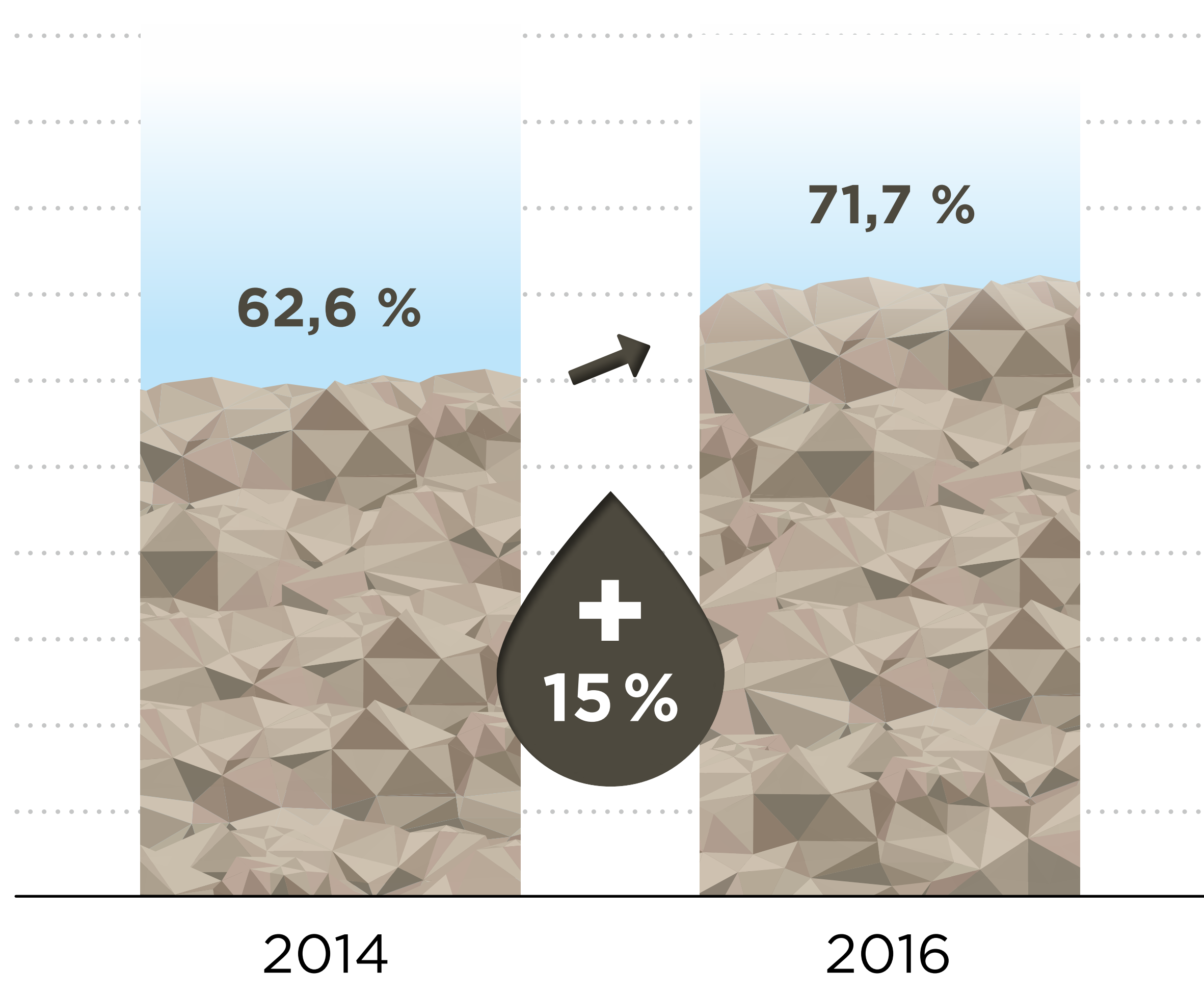


**INVOQUE™**



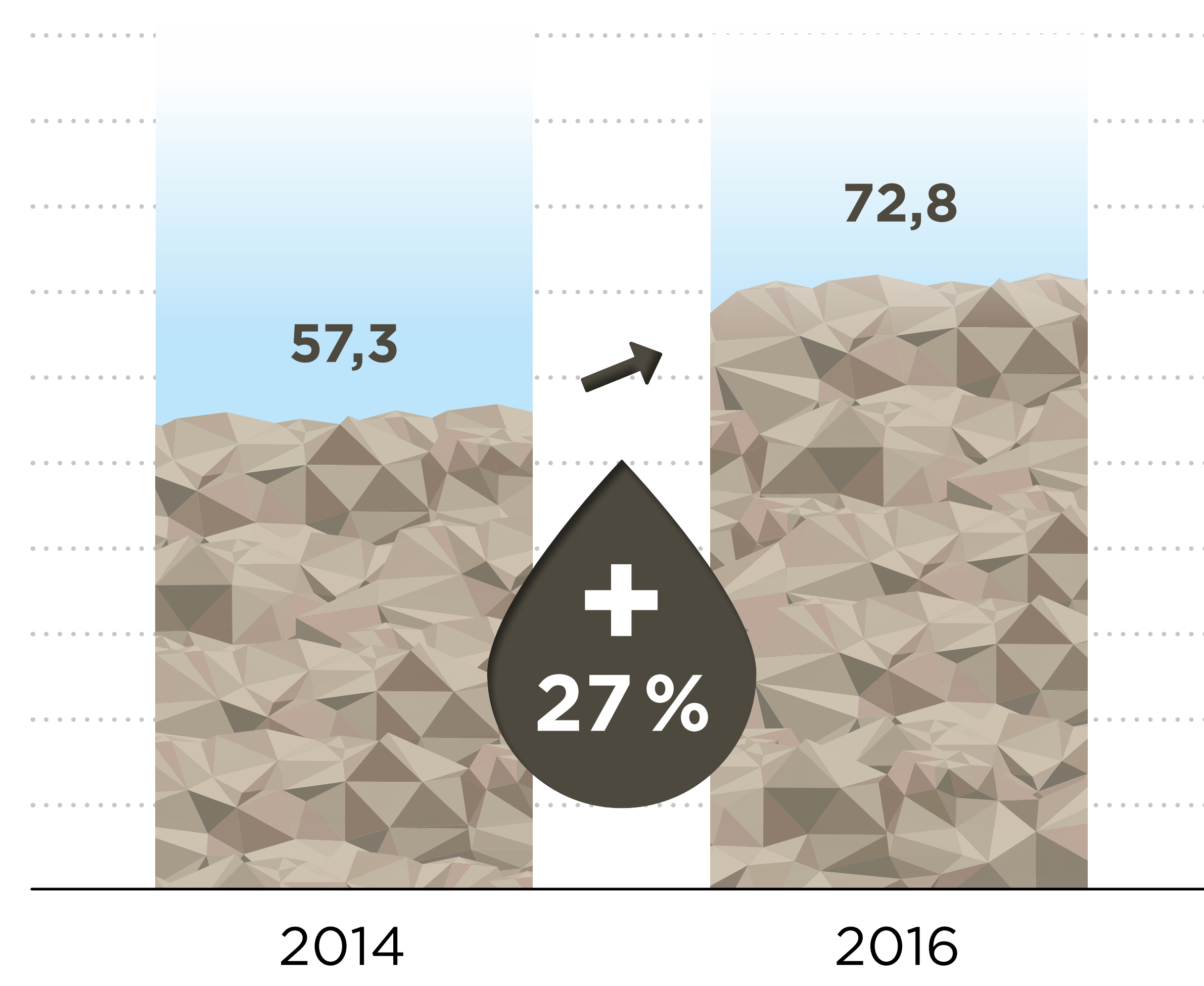
### DEWATERING RESULTS LARGE-SCALE EXPERIMENT 2016

Solids content in %



### SHEAR RESISTANCE LARGE-SCALE EXPERIMENT 2016

kN/sqm



### INVOQUE™ BENEFITS

 IMPROVED FILTRATE QUALITY

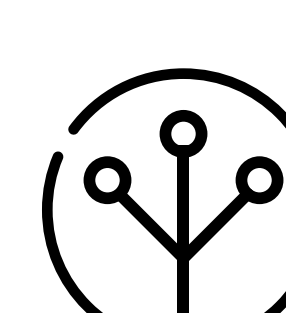
 NO ADDED BURDEN

 IMPROVED ENERGY CONSUMPTION

 FASTER DEWATERING RATES

 ENVIRONMENTAL PROTECTION

 COST EFFICIENT

 BROAD APPLICABILITY

 IMPROVEMENT IN BULK VOLUME

what is precious to you?

