



## Project Information Sheet

### Finescreen supported biological wastewater treatment to enhance plant capacity (Screencap)

<b>Programme area:</b>	First Application and market replication projects
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<b>Partners:</b>	BWA BV (the Netherlands) Waterschap Aa en Maas (the Netherlands)
<b>Website:</b>	www.screencap.eu
<b>Benefits (max. 150 characters incl. space):</b>	Screencap will enhance the performance of waste water treatment plants, reduce the environmental and physical footprint and enable the recovery of energy and other resources.
<b>Keywords:</b>	
<b>Sector:</b>	Recycling, Green Business
<b>Type of solution</b>	Technology.
<b>Duration:</b>	01/11/2014 – 01/11/2017
<b>Budget:</b>	€ 2,629.953** (EU contribution: 50%)
<b>Contract number:</b>	630492

#### Summary

Screencap will demonstrate at full scale a promising finescreen technology to recover suspended solids from waste water on the basis of particle size. Finescreens have potentially significant advantages in comparison with existing solid separation technologies based on density differences. These benefits include a significant reduction of chemicals and energy demands and the opportunity to recover energy and other resources from the waste water.

Screencap will adapt, install and operate at full scale the finescreen technology at one of the two identical treatment trains of a waste water treatment plant in the Netherlands. Comparison with the other treatment train enables to establish the performance of the finescreen technology. A dedicated impact assessment is part of the project.

Using the reference, the project will develop actions for further uptake of the finescreen technology. We will disseminate project outcomes through the project website, communications to relevant target groups and presence at trade fairs.

The Screencap consortium consists of a technology developer (BWA), a launching customer (Waterboard Aa & Maas) and a knowledge institute (KWR).

#### Expected and/or achieved results

- A convincing reference for the finescreen technology addressed in Screencap
- Insight in the extend of the European market and beyond for finescreens.
- A tool to support decision makers. This tool will provide technical and economic data and enables to benchmark the finescreen technology against alternative solutions.



The information sheet will be published in the [Eco-Innovation website](#). The EASME reserves the right to edit the information sheet for content and length