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The aim of the SLUDGEtreat project is to prolong the life cycle of sewage sludge, by:

- (i) improving sludge quality and
- (ii) increasing the percentage of sludge dry solid up to 50% for high added-value reuses.

The research is focused on:

1. The study of the electro-dewatering, addressing issues related to reliability, efficiency and LCA.
2. The design and development of a proof-of-concept electro-dewatering machine.
3. To investigate novel eco-friendly nano-materials and coating techniques able to minimize the corrosion of the anode.

Follow us at:

[www.sludgetreat.eu](http://www.sludgetreat.eu)

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# SLUDGEtreat

## ECO-FRIENDLY AND ENERGY EFFICIENT SEWAGE SLUDGE DEWATERING THROUGH NOVEL NANOMATERIALS AND ELECTRO-OSMOTIC PROCESS

Dear reader,

You're invited to participate to the final Conference of the **SLUDGEtreat** Project

### **ELECTRODEWATERING "2.0": A NEW FRONTIER IN SLUDGE TREATMENT TECHNOLOGY**

Friday 8<sup>th</sup> of February 2019 at 9:00 am

*Aula Rogers at Politecnico di Milano*

*Via Andrea Maria Ampère, 10, 20133 Milano (MI)*

<b>9:00 – 9:30</b>	<b>Registration of participants</b>
9:30 – 9:40	<b>Welcome to the participants</b> ( <i>A. Guadagnini, director of DICA POLIMI</i> )
9:40 – 9:45	Introduction to the Conference ( <i>R. Canziani, DICA POLIMI</i> )
9:45 – 10:15	Role of dewatering in sludge treatment and management ( <i>L. Spinosa, UNI, CEN</i> )
10:15 – 10:45	Innovation in sludge dewatering ( <i>P. Ginisty, IFTS – CEOPS</i> )
10:45 – 11:00	The SLUDGEtreat project: overview of the project and aims ( <i>R. Canziani, DICA POLIMI</i> )
<b>11:00 – 11:20</b>	<b>Coffee break</b>
<b>11:20 – 13:30</b>	<b>The SLUDGEtreat project: from concept to industrial application</b>
11:20 – 11:50	Lab scale tests ( <i>S. Visigalli, DICA POLIMI</i> )
11:50 – 12:30	Materials for the anodes ( <i>C. Diaz, AIN; M. Cruz, FLUBETECH</i> )
12:30 – 13:00	The EDW prototype ( <i>G. Di Florio, X2 Solutions</i> )
13:00 – 13:30	LCA and economic assessment ( <i>A. Turolla, DICA POLIMI</i> )
<b>13:30 – 14:30</b>	<b>Lunch break</b>
<b>14:30 – 16:30</b>	<b>What the Water sector thinks about EDW Round table discussion</b>

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