

Dear Madam or Sir,

We hope this email finds you well.

In March, we were selected by Isle Utilities to present our company and expertise in a restricted “iTAG” Technology Forum, leading to new potential business cooperations in the field of wastewater treatment with major European actors in the oil & gas, chemical, and water processing industries. We also expanded our business further beyond Europe, opening new cooperations with Canadian and US companies regarding large projects in the fields of vegetation control on railroads and sludge to biogas processes. We furthermore progressed in the implementation of our multiple ongoing projects across all our business segments with our partners in Germany, Austria, France, Spain, and Italy, with a priority focus on the pretreatment of sludge to boost the production of biogas and reduce sludge volumes to be disposed of after dewatering, industrial wastewater treatment and soil remediation on heavily contaminated sites. Last but not least, we actively participated in several meetings with a wide array of start-ups and small companies as part of the Sandbox Program of the Forest Valley Institute, where we exchanged knowledge and experience with investment experts and industries in and beyond the environment protection world.

Our R&D department pursued its intensive research and development works, a key contribution to our continuous effort to further reinforce the performance of Alpha Cleantec’s technologies and anticipate emerging requirements of constantly evolving regulations and industrial developments. We will report on new R&D developments in upcoming newsletters.

We wish you all a happy Easter.

If you want to try our unique unit in your plant. Please feel free to contact us.

<https://www.linkedin.com/company/alpha-cleantec-ag/>



About Alpha Cleantec AG

We believe that our eco-system requires looking after so we have a world worth living in to pass to our next generations. Decontamination of soil and water from hazardous contaminants plays a major role in this regard, in our view. This is why we established Alpha Cleantec AG as an environmental technology company in 2016 with the vision to provide safe, green, rapid, efficient and cost-effective technologies to resolve environmental harms and hazards caused by inadequate human and industrial activities.

For Decontamination of a wide range of contaminants (see table below), we provide two technologies, AFA and SOA, achieving decontamination ratios of up to 97% in just hours (such as for Hydrocarbons, BTEX, Petroleum leftovers, Aromatics, PAHS, Chlorinated Solvents, PCBs, Dioxins as well as Pesticides and Herbicides) to be applied in soil, groundwater, wastewater and railway ballast treatment.

For wastewater facilities we have developed, based on our proprietary technology, a process allowing to pretreat sludge before the digester, thereby significantly increasing biogas generation (up to 50%) and decreasing dry sludge disposal at the end of the process (up to 20%).

For Vegetation control we have developed a process based on an environmentally friendly mixture of inorganic salts that generates concentrated (non-Glyphosate) herbicide absorbing water from the plants and drying the plant including the roots, without changing the salinity of the soil.

Table of contaminants treatable by our technologies

CONTAMINANTS	IN-SITU		ON SITE	
	SOA	AFA	SOA	AFA
BTEX				
Benzene	*	*	*	*
Toluene	*	*	*	*
Ethylbenzene	*	*	*	*
Xylene	*	*	*	*
PETROLEUM HYDROCARBONS				
Gasoline Range Organics (GRO)	*	*	*	*
Diesel Range Organics (DRO)	*	*	*	*
Oil Range Organics (ORO)	*	*	*	*
AROMATICS				
Chlorobenzene	*	*	*	*
Bromobenzene	*	*	*	*
Dichlorobenzene	*	*	*	*
Nitrobenzene	*	*	*	*
Phenol	*	*	*	*
Styrene	*	*	*	*
Naphthalene	*	*	*	*
Trichlorobenzene	*	*	*	*
Trimethylbenzene	*	*	*	*
PAHS				
Phenathrene	*	*	*	*
Naphthalene	*	*	*	*
Acenaphthylene	*	*	*	*
CHLORINATED SOLVENTS				
Tetrachloroethylene	*	*	*	*
Trichloroethene	*	*	*	*
Dichloroethene	*	*	*	*
Vinyl chloride	*	*	*	*
Tetrachloroethane	*	*	*	*
Trichloroethane	*	*	*	*
Dichloroethane	*	*	*	*
Dibromochloroethane	*	*	*	*
Bromodichloromethane	*	*	*	*
Carbon tetrachloride	*	*	*	*
Chloroethane	*	*	*	*
Chloroform	*	*	*	*
Chloromethane	*	*	*	*
Chlorotoluene	*	*	*	*
Methylene chloride	*	*	*	*
PCBS	*	*	*	*
DIOXINS	*	*	*	*
PESTICIDES AND HERBICIDES				
Glyphosate	*	*	*	*
Goal	*	*	*	*



Alpha Cleantec AG

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We plan to inform you in the future about newly accomplished projects, pilots or case studies. Please let us know if you do not wish to receive our company news.

Kind regards/ Mit freundlichem Gruß

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