

**EFFECTIVE, EFFICIENT, NON-TOXIC & BIODEGRADABLE**

**KILLING GERMS IS KILLING OUR PLANET, BUT IT DOESN'T HAVE TO BE THIS WAY!**

- GEG ECAS\* solutions are innovative broad-spectrum biological anti-pathogen systems that not only protect us from microbes, but also respect the need for a safe application, both for people and nature.
- GEG ECAS solutions are e.g. suitable to disinfect surfaces and spaces, control biofilm, disinfect drinking water and preserve agricultural produce.
- GEG ECAS solutions are effective, efficient, non-toxic and biodegradable.

**DELIVERED AS DRY FOG & SPRAY**

**APPLICATIONS OF GEG ECAS SOLUTIONS**

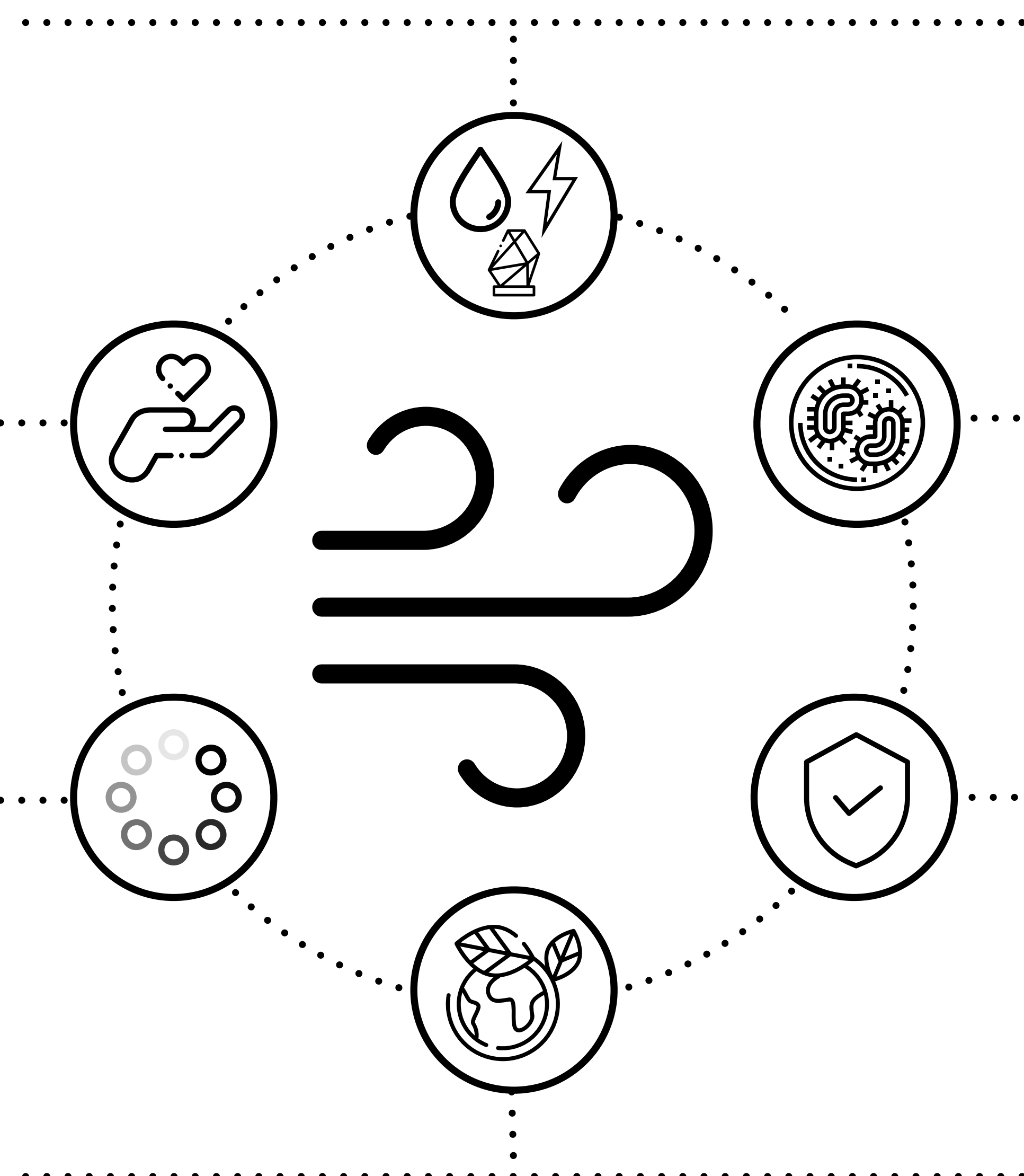
- Aerosol and surface disinfection in any space or sector:
- E.g. buildings, vehicles, planes, helicopters, offices, kitchens.
- E.g. food processing, animal husbandry, water treatment, CIP disinfection.
- E.g. disinfection of hands, surfaces, tools and equipment, processing tables, conveyor belts, transport crates.

**AEROSOL, SURFACE, WATER & SKIN DISINFECTION**

\* The Global Ecology Group (GEG) produces ECAS while also developing and advancing ECAS solutions.  
 \*\* ECAS is tested according to BS EN 14476:2013+A2:2019, BS EN1276:2019 and BS EN1040:2005 and it has been approved under Regulation 31 of the Water Supply Regulations 2000 for use in public water supplies in the UK.  
 \*\*\* Escherichia coli (E. coli), SARS Coronavirus (SARS-CoV), Norovirus, Avian Influenza Virus (AI), Swine Influenza Virus (SIV), Human Immunodeficiency Viruses (HIV), Poliovirus, Legionella bacteria, Methicillin-resistant Staphylococcus aureus bacteria (MRSA) and Clostridioides difficile bacteria (C. diff).

**WHAT IS GEG ECAS**

- Made from salt (NaCl), water (H<sub>2</sub>O) and electricity, containing a mix of reactive oxidants.
- Proven and certified\*\* broad-spectrum non-toxic anti-pathogen with rapid germ-killing properties.
- Delivered through fogging systems to disinfect air and surfaces, or through spraying to sanitise surfaces and skin.
- Can be used e.g. in homes, hospitals, stores and factories, and to sanitise vehicles, equipment and gear.



**SUSTAINABILITY OF GEG ECAS SOLUTIONS**

- No petrochemical ingredients, no surfactants, no dyes and fragrances, no preservatives are used. And ECAS solutions are free of fat and oil.
- GEG ECAS is biodegradable and disintegrates after the disinfection process into its natural starting materials (water & salt).
- GEG ECAS is vegan, halal and pH neutral.
- GEG ECAS solutions allow for an overall reduction in disinfection process personnel and material costs.

**CERTIFIED BROAD-SPECTRUM ANTI-PATHOGEN**

**EFFECTIVENESS OF GEG ECAS SOLUTIONS**

- Effectively exterminates 99.9% of pathogenic germs, bacteria, viruses and fungi\*\*\* within short exposure times.
- Works effectively against multi-resistant microorganisms.
- Effectively removes biofilms and odours without mechanical processing.
- Effective as both, an environmental decontaminant and in the control or treatment of skin surface or mucous membrane infections.

**RAPID GERM-KILLING PROPERTIES**

**SAFETY OF GEG ECAS SOLUTIONS**

- Completely eliminates all risks of chemical burns or toxic fume inhalation since staff are no longer tasked with diluting chemicals.
- Protective gear is no longer required for staff using non-toxic ECAS solutions.
- Harmful vapours or residues are no longer a threat. All irritation to the eyes and skin is eliminated.
- ECAS solutions are easy to use, store and transport: no training required for handling ECAS; no safety storage required; no special transport required.

**HUMAN & NATURE FRIENDLY**