Chasing Carbon

When fossil fuels are burned, the exhaust contains a mixture of gases Nitrogen and Carbon-dioxide (a dangerous greenhouse gas). To stop this CO\(_2\) from entering the atmosphere. There is a new discovery that can solve many of these problems. With Carbontrap technology, which is a new way to produce urea (one of the world’s most important nitrogen-based fertilizers). Exhaust gases containing Carbon dioxide which are piped into a mixture of wastewater or water from polluted lakes or rivers. Ammonia in water reacts with CO\(_2\) to form a salt and the remaining inert gases such as Oxygen(O\(_2\)) and Nitrogen (N\(_2\)) escape.

Just to Fight Climate Change

Carbontrap chemistry is to make urea relatively simple: Mix Water, wastewater high Ammonia (NH\(_3\)) with Carbon dioxide (CO\(_2\)) to get urea (NH\(_2\)CONH\(_2\)) and Magnesium.

Important to Know: More than 5% of all the world’s Energy is used to manufacture Nitrogen-based fertilizers. Only Carbontrap can lower the cost of urea production to 80%
Carbontrapp is the "Father of Fertilizer". Among its role in plant growth; magnesium is the central atom of Chlorophyll, the molecule responsible for photosynthesis, the process where plants turn sunlight and nutrients into green growth. Most of the magnesium in plants is found in chlorophyll. Like phosphorus, magnesium moves from the older parts of the plant to the younger as the plant grows. Experts in agriculture and farmers know that, a crop may be deficient in magnesium when the older leaves turn bronze, yellow or reddish, while the leaf veins remain green.

Important: Carbontrapp magnesium fertilizers include; Ammonia, Nitrates, Magnesium, Magnesium carbonate and Carbon dioxide. Farmers, scientist and agriculture professions generally consider Carbontrapp technology which is very important for carbon dioxide (typically) needed for most crops.

There are now over 50 Magnesium Oxide manufactures in the world and over 1000 distributors sell Magnesium Oxide. However, none of the manufacturers produce Activated Beads of MgO. Watch Water® with its current strength of Global Water and wastewater market, we are introducing our highest Quality products such as Carbontrapp with MgO contents of greater 99% and other properties for water, wastewater, air and soil treatment. We manufacture extremely high-quality products, against which lower quality magnesium oxide products does not compete. Customers, who are choosing the Watch Water® require products with extremely low impurities to use in water treatment applications.