

PANCUANTIC

- ⇒ Romanian company that studying the physical interaction of the fields;
- ⇒ System of values embodied in the technology with the same name in order to reduce aggression against nature;
- ⇒ Technology for solving critical problems for civilization: air, water and soil properties restoration as natural models;
- ⇒ Solution for atmospheric remediation consists of burning air in cold plasma and the controlled use of ozone to destroy harmful microorganisms and chemical compounds;
- ⇒ Sole manufacturers of equipment for clean air in the world, without using filters or chemicals and catalysts.
- ⇒ Environmental Industry pioneers;
- ⇒ Devices based on PANCUANTIC technology, totally eliminate impurities from the air by clean neutralization as a result of direct and simple actions: disruptor field, cold plasma, ozone;

EFFICIENCY CALCULATION OF PANCUANTIC EQUIPMENT

CALCULATION EXAMPLE FOR FARMS

The calculation was made for a need of: $C_p = 12.000 \text{ m}^3$ of fresh air, the estimated cost of acquisition $V_A = 3.000$ euros, uptime the aerator $T_f = 8.640$ hours / year.

$$C_s = 0,01 \text{ Euro cent/m}^3 \text{ fresh air}$$

OZONE

PROPERTIES

- ⇒ BACTERICIDAL;
- ⇒ SLOW SPORICID;
- ⇒ FUNGICIDE;
- ⇒ VIRICIDE.

BENEFITS

- ⇒ AIR DEPOLLUTION;
- ⇒ STERILIZATION;
- ⇒ FOOD CONSERVATION;
- ⇒ TREATMENT OF VARIOUS DISEASES, SUCH AS: RESPIRATORY, ANTI-INFLAMMATORY EFFECT, ANALGESIC, DESTROY CANCER CELLS, REGULATE THE URINARY SYSTEM, DIGESTIVE SYSTEM, MAINTAIN ORAL HIGIENE, ETC.;
- ⇒ COMPLETELY ELIMINATE CHLORINE.

FREQUENTLY ASKED QUESTIONS

1. HOW ACT OZONE IN AIR?

Answer: when ozone concentration in air is about 0.05 ppm, the bacteria percentage drops to around 10% and viruses percentage drops 60% -90%. On the other hand, ozone can completely decomposed substances of ammonia and sulfur category in the air which gave rise to unpleasant odors;

2. WHY POPULATION BELIEVES THAT OZONE IS A MAIN FACTOR OF ENVIRONMENTAL POLLUTION?

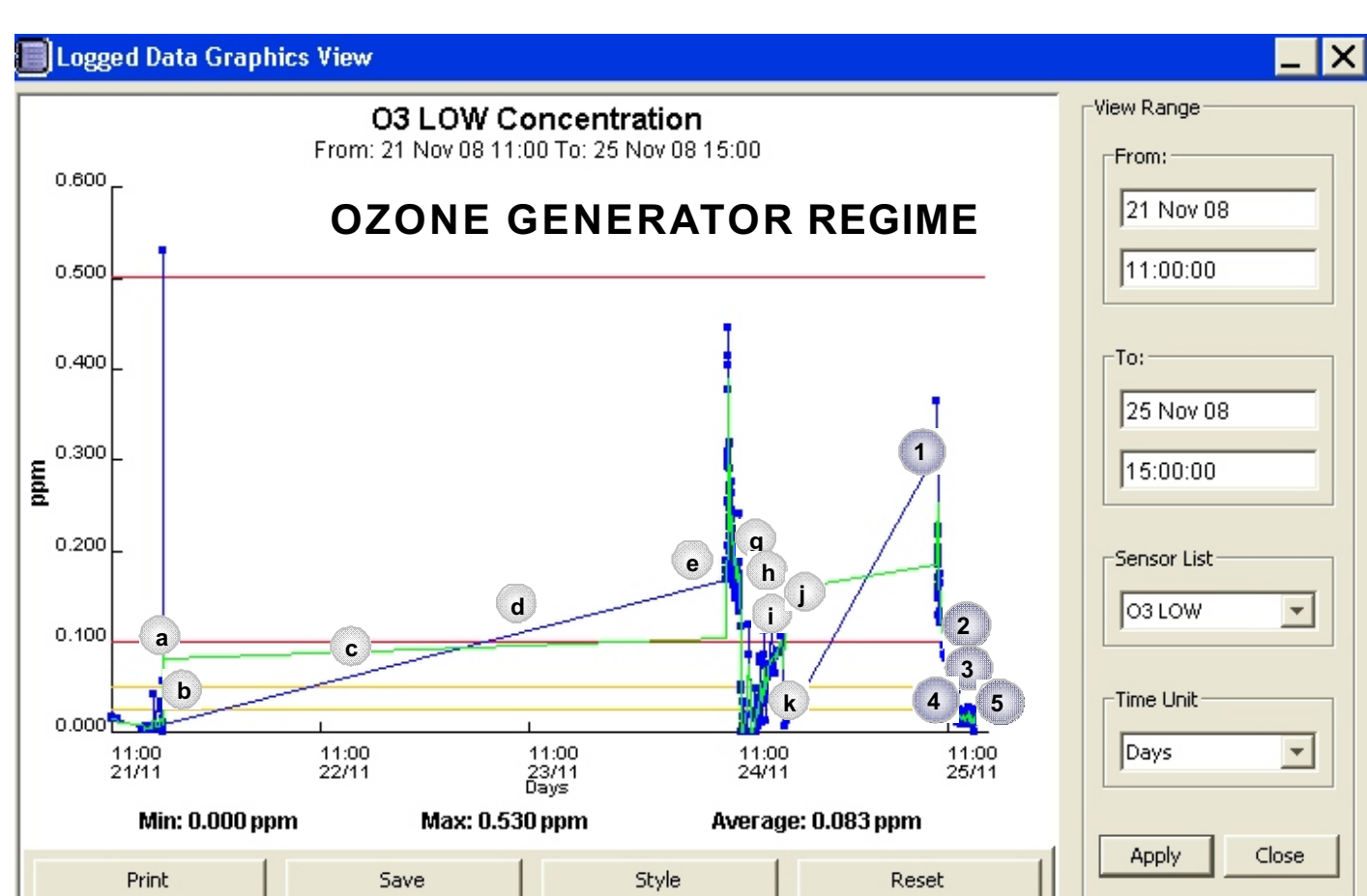
Answer: typically units of environmental use ozone concentration as an indicator of air pollution, and misled the people are considering it as a factor of air pollution, in such a way ozone being slandered undeserved;

3. OZONE DECOMPOSES IN AIR OR WATER? WHAT RESULTS FROM THE DECOMPOSITION OF OZONE?

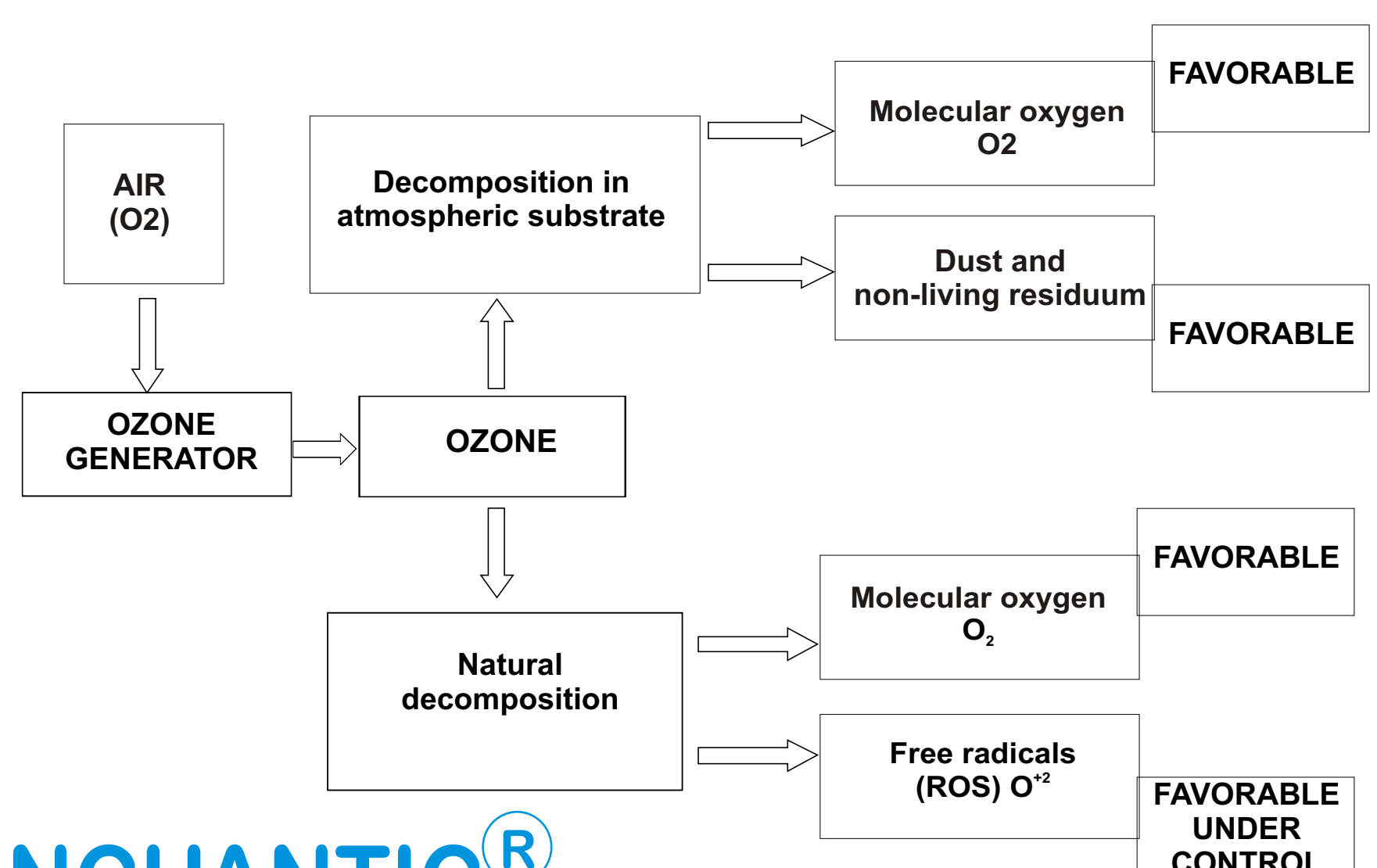
Answer: half-life of ozone in the air is about ten minutes, then half of it decays; after decomposition secondary product is oxygen. When there is pollution, ozone decomposition rate are higher.

Ozone decomposition in water is about 20 - 30 minutes. Secondary product of decomposition is oxygen and the hydroxyl group.

OZONE BEHAVIOR



CIRCUIT OF OZONE IN NATURE. GENERAL SCHEME



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