The logo for ECOBOI is displayed in a dark blue, sans-serif font. The letter 'O' is replaced by a circular icon containing a stylized virus or microorganism. A green horizontal line is positioned below the letters. The trademark symbol (TM) is located to the upper right of the vertical bar of the letter 'I'. The background of the entire slide is a light gray molecular model with white spheres and gray connecting rods.

ECOBOI™

Air & Surface Disinfection

- ENHANCE INDOOR AIR QUALITY (IAQ)
- REDUCE SICK BUILDING SYNDROME (SBS)

Biofilm

Planktonic

5) Detachment and reversion to planktonic growth, starting a new cycle

Biofilm

ROOT CAUSE

Chemtronics

1) Attachment to surface

2) Formation of monolayer and production of matrix

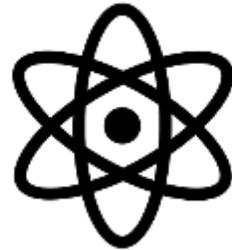
3) Microcolony formation, multilayer

4) Mature biofilm, with characteristic "mushroom" formed of polysaccharide

Technology



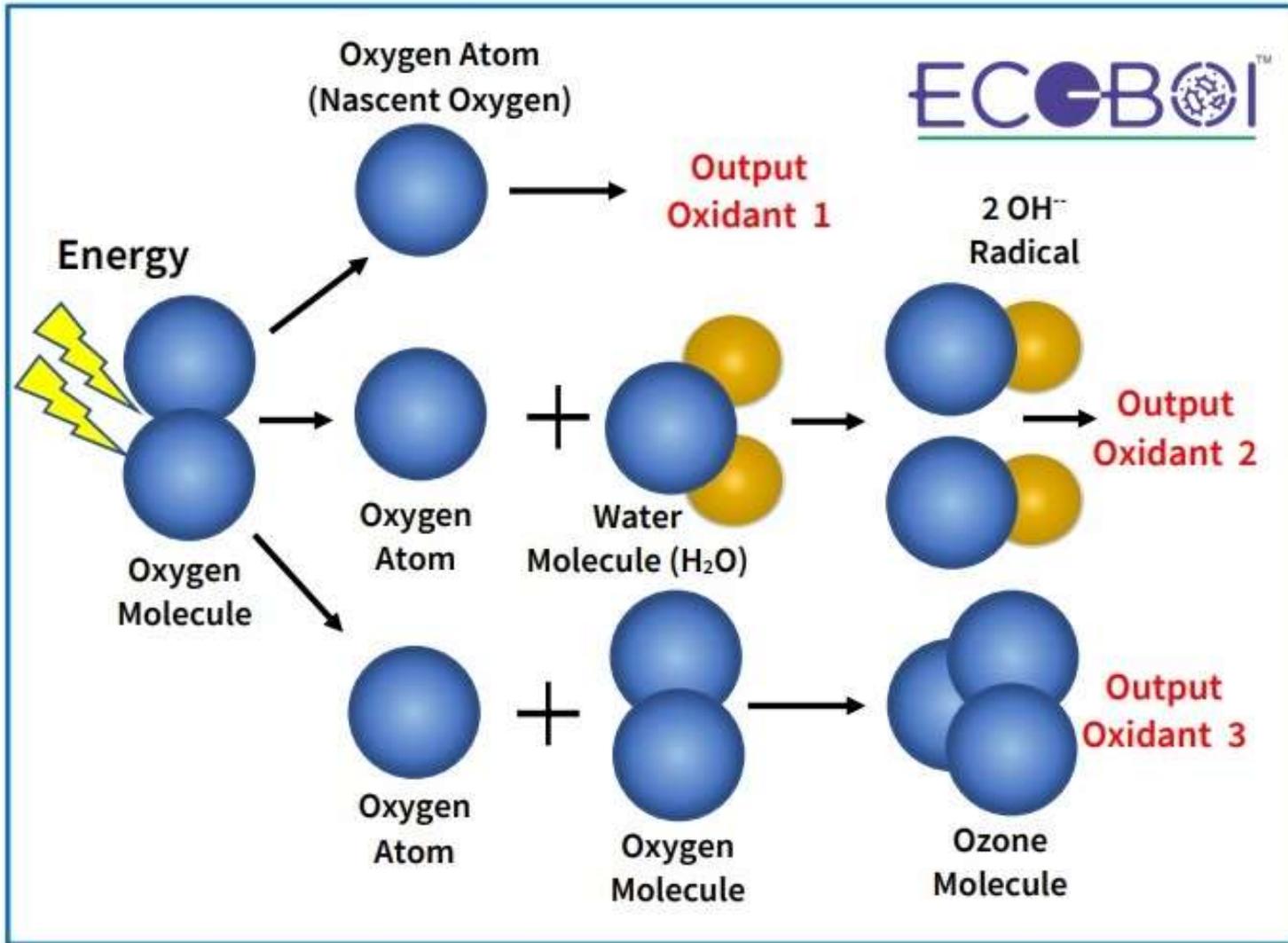
Electro-Chemical
Oxidation [ECO]
- Trimolecular Oxygen



Bipolar Oxygen
Ionization [BOI]
- Bipolar Oxygen Ion

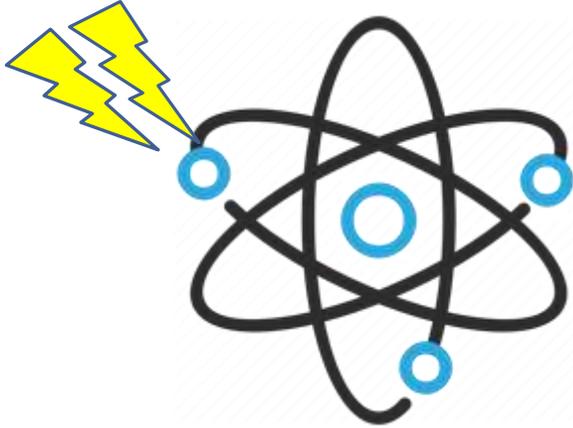


ECOBOI™



Technology – ECOBOI

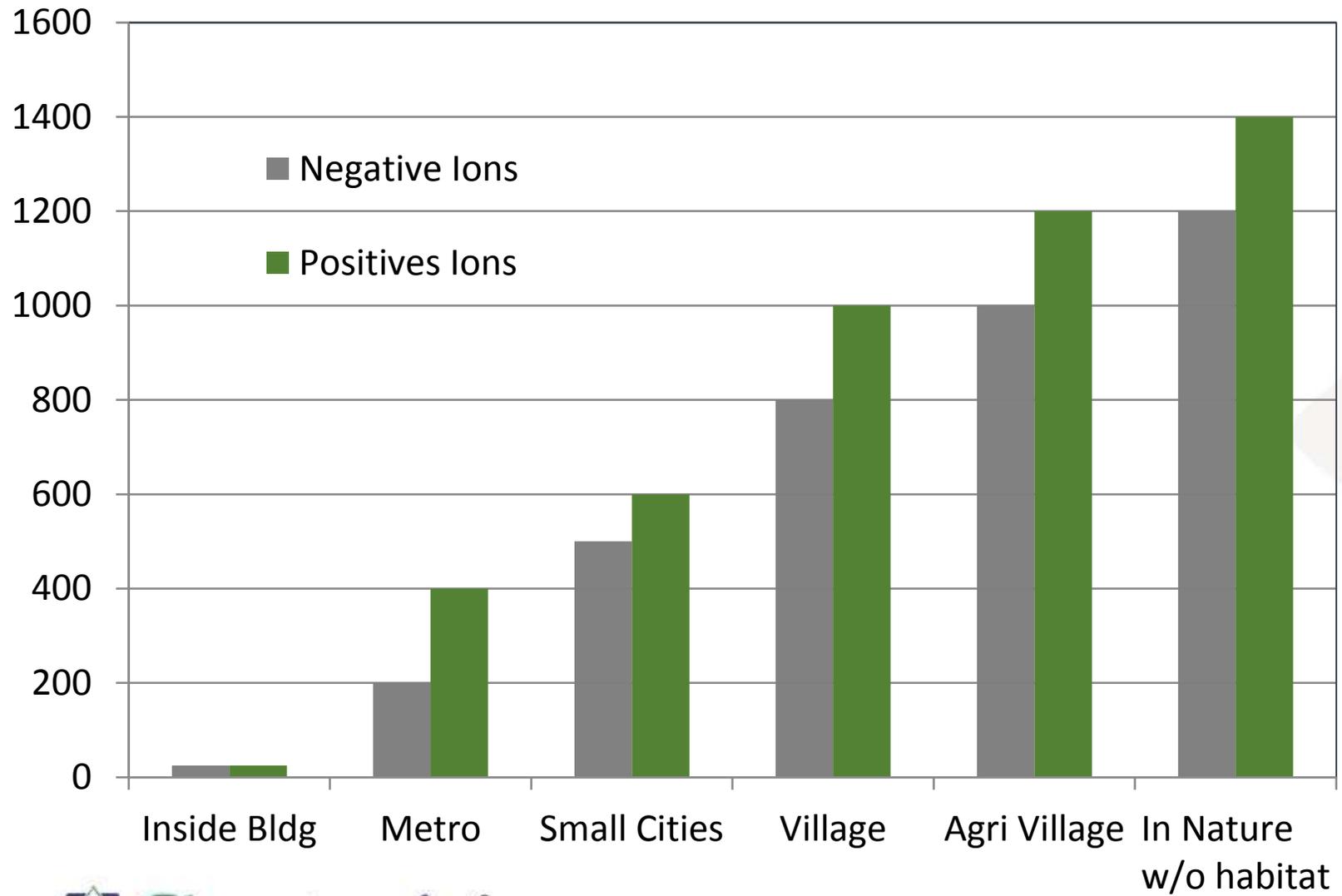
MOLECULAR



Technology – ECOBOI

ORBITAL

Much like sunlight does in the atmosphere, “BOI” technology produces a natural bioclimate rich in positive and negative oxygen ions. The negative ions contain an extra electron while the positive ions are missing an electron resulting in an unstable condition. In an effort to restabilize, these bipolar ions seek out atoms and molecules in the air to trade electrons with, effectively neutralizing particulate matter, bacteria and virus cells, odorous gases and aerosols, and VOCs.



Ambient Ionic Concentration

“ECOBOI”
Indian Patent
no.: 202021035264



Comprehensive Solution



Point of Source Treatment



Booster Mode



Multipoint Injection

Methodology



Penetrate & Treat
Integration - AHU or Local

Comprehensive Treatment



BACTERIA



VIRUSES



VOCS



CHEMICAL



ODOUR



PM 2.5 &
PM 10

Advantages



International
Approval &
Accepted



Higher
Oxidation
Power



600 – 3,000
Time Faster



Safe On
Humans



Mode
Air



No
By-Product



Residual
Back To
Oxygen



No
Consumables,
No Storage
No Handling

Application Spectrum



Offices



Schools &
Colleges



Hospitals



Hotels



Banquet
Hall



Conference
Hall



Theaters



Malls



Pubs & Bar



Sports &
Gym



Restaurants



Smoking
Lounges



Thank You



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