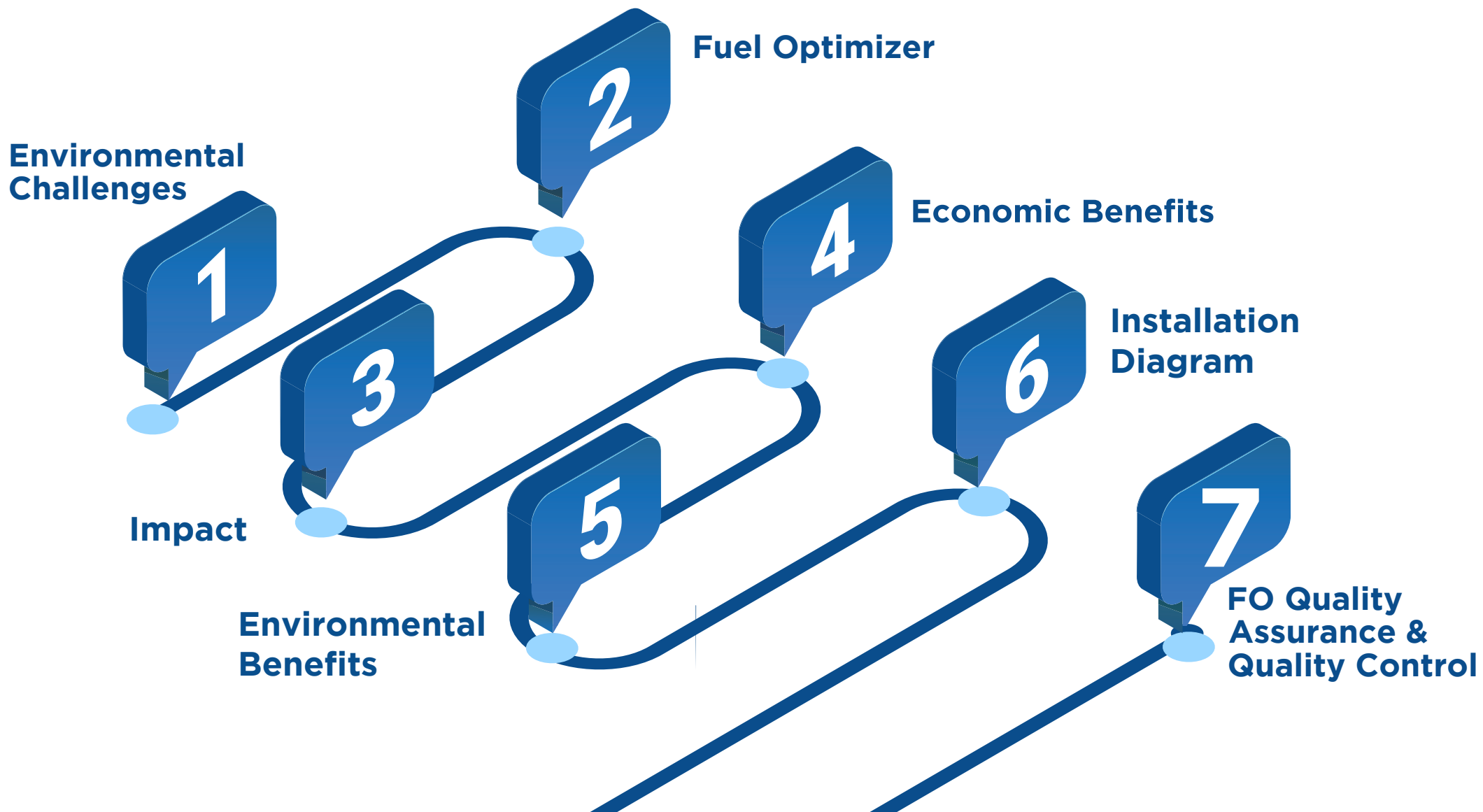


*the earth*  
**IS A FINE PLACE & WORTH**  
*fighting for*



# CONTENT



# ENVIRONMENTAL CHALLENGES

## CLIMATE CHANGE:

FOSSIL FUELS (COAL, PETROL AND NATURAL GAS) RELEASE LARGE QUANTITIES OF GREEN HOUSE GASES, WHICH IN TURN CAUSE A RISE IN TEMPERATURE AND GLOBAL WARMING.

### CONSEQUENCES:

- LOSS OF BIODIVERSITY
- DESERTIFICATION
- RISE IN SEA LEVELS
- EXTREME WEATHER INCIDENTS SUCH AS DROUGHTS, FLOODS, AND STORMS.

## AIR POLLUTION:

AIR POLLUTION RESULTS FROM GASES OR HAZARDOUS SUBSTANCES IN AIR, OFTEN FROM HUMAN ACTIVITIES SUCH AS EMISSIONS FROM FACTORIES, VEHICLE EXHAUSTS, SMOKE FROM FARMLAND BURNING OR DUST FROM CONSTRUCTION.

BY OFFERING ENVIRONMENT-FRIENDLY PRODUCTS & SERVICES & ENSURING “GREEN” PRACTICES, WE CAN SIGNIFICANTLY CONTRIBUTE IN PROTECTING THE ENVIRONMENT WHILE GENERATING PROFIT FOR ALL.



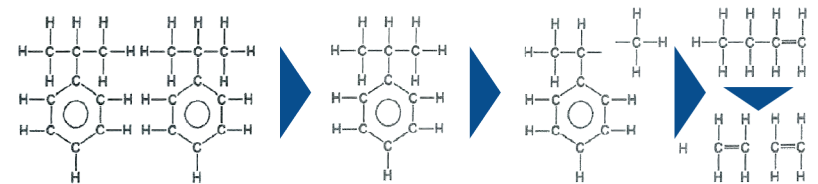
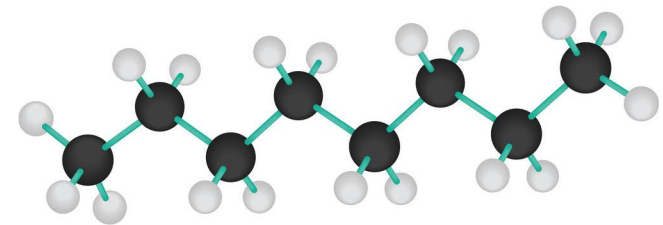
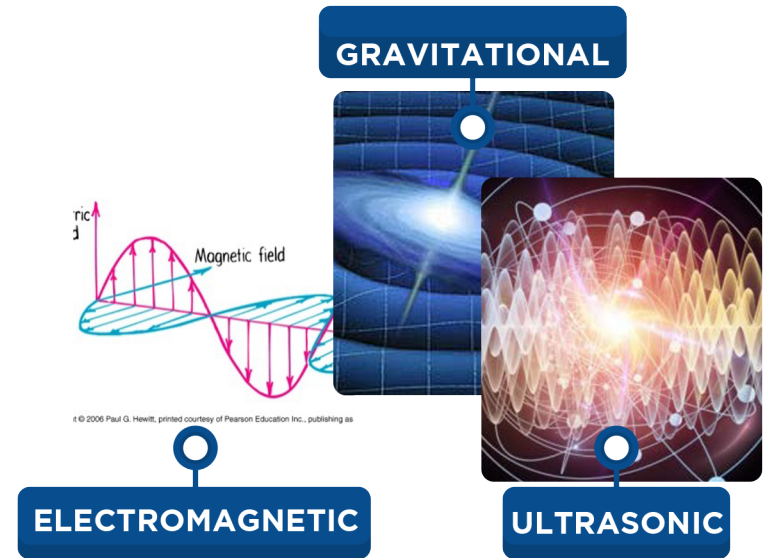
TO ACHIEVE THE DUBAI CLEAN ENERGY STRATEGY 2050



# FUEL OPTIMIZER

**FO** IS AN ENVIRONMENT-FRIENDLY ADVANCED TECHNOLOGY THAT REDUCES FUEL CONSUMPTION UP TO 35% AND EMISSIONS UP TO 80%, WHILE EXTENDING DURABILITY OF THE ENGINE AND MAINTAINING IT IN PERFECT SHAPE.

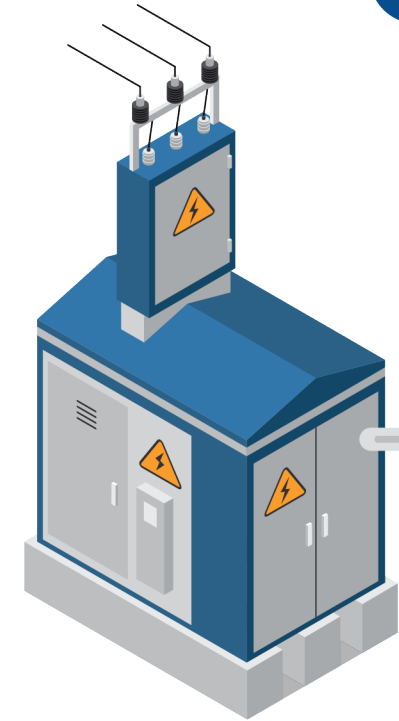
**FO** COMBINES GRAVITATIONAL AND ELECTROMAGNETIC ENERGY WITH ULTRASONIC EFFECT THAT BREAKS THE FUEL CELL STRUCTURE TO OPTIMIZE COMBUSTION..



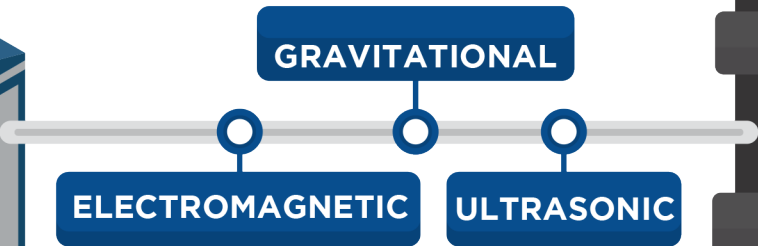
# IMPACT



## FO INNER STRUCTURE:

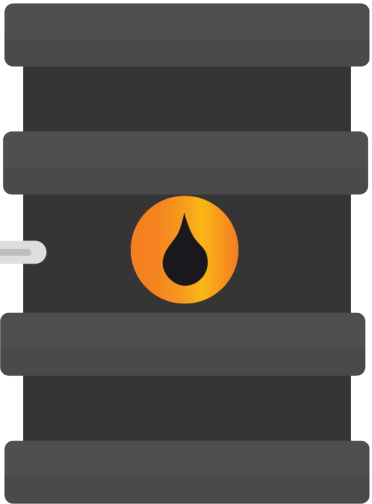


TO GENERATOR  
OR ENGINE



FUEL OPTIMIZATION  
PROCESS

FROM TANK



# ECONOMIC BENEFITS

REDUCES FUEL CONSUMPTION BY A MINIMUM OF 15% AND A MAXIMUM OF 35%.

01

REDUCES CARBON DEPOSITS IN GENERATOR CYLINDERS & VALVES, ETC....

03

COMPLETE IDEAL COMBUSTION RESULTS IN LESS WEAR DUE TO PISTON KNOCK REDUCTION.

05

INCREASES THE LIFESPAN OF GENERATORS AND ENGINES. WHEN FUEL IS CONDITIONED BY FO, GENERATORS PERFORM UNDER LESS STRESS DUE TO IDEAL COMBUSTION.

02

REDUCES MAINTENANCE FEES & REPAIR COST; FO HELPS ACHIEVE AN OPTIMAL PREVENTIVE MAINTENANCE PLAN FOR GENERATORS & ENGINES.

04

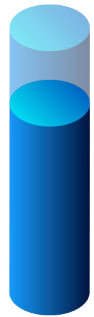
REDUCES THE RISK OF SUDDEN GENERATOR BREAKDOWN.

06



35%

# ENVIRONMENTAL BENEFITS



**80%**  
**LESS EMISSION**

● SHARPLY REDUCES SMOKINESS AND TOXIC EMISSIONS.

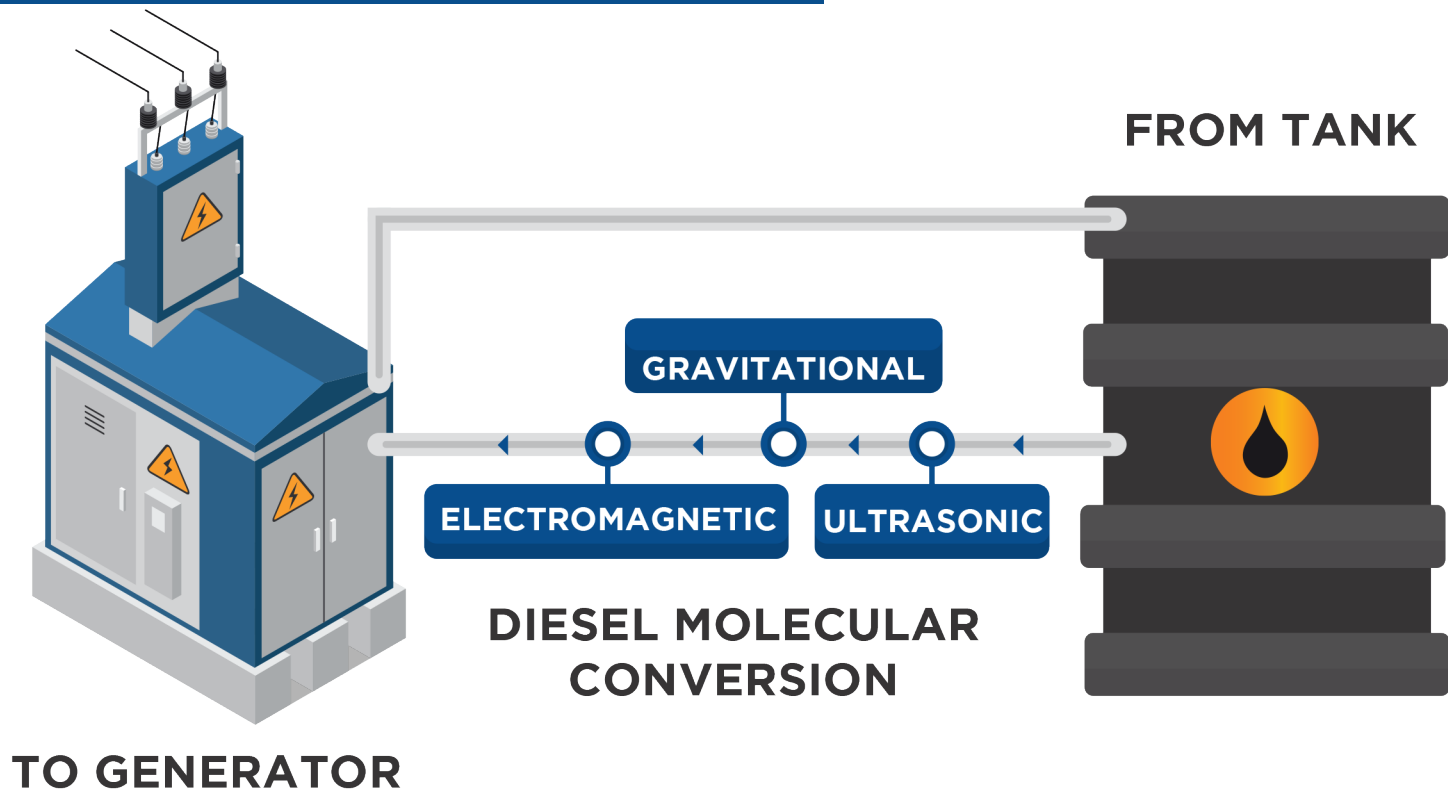
● GENERATORS USING *FO* WILL ALLOW OWNERS TO DEDICATE THEIR TIME, MONEY, AND RESOURCES TO TACKLE OTHER TYPES OF AIR, WATER, AND LAND POLLUTANTS.

● HELPS YOUR COMPANY BECOME A GREENER BUSINESS, VITAL FOR A DEVELOPMENT MODEL IN WHICH THE PLANET IS A PRIORITY.



**DUBAI, THE CITY WITH THE LEAST  
CARBON FOOTPRINT IN THE WORLD  
BY 2050.**

# INSTALLATION DIAGRAM



**FO IS SAFELY\* INSTALLED BETWEEN THE FUEL TANK & THE GENERATOR, OR ANY ENGINE (TRUCKS, HEAVY MACHINERY, CARGO SHIP..) USING THE INTERNATIONAL INSTALLATION & SAFETY CODES & REGULATIONS.**



# QUALITY ASSURANCE & QUALITY CONTROL

SAFE, UNCOMPLICATED OPERATION, BEST MATERIALS AND TOP-LEVEL PROCESSING IS WHAT MAKES AND MAINTAINS **FO'S** PERFECTION

AT EVERY PHASE OF PRODUCTION, QUALITY IS **FO'S** TOP PRIORITY. A VARIETY OF CHECKS AND TESTS ENSURE THAT FO MEETS CUSTOMER EXPECTATIONS TO THE FULL, OR EVEN EXCEEDS EXPECTATIONS. NOT A SINGLE PIECE OF EQUIPMENT LEAVES THE COMPANY WITHOUT HAVING BEEN THOROUGHLY TESTED.

**FO** IS DEDICATED FOR LOCATIONS WITH EXTREME WEATHER CONDITIONS (RAIN, DESERT, EQUATOR, GENERATOR ROOMS, NORTH POLE...). THIS MEANS ABSOLUTELY SAFE AND RELIABLE OPERATION UNDER EXTREME HEAT AND COLD.

**FO** IS COMMITTED TO CONTINUOUS IMPROVEMENT AND HAS ESTABLISHED A NEW QUALITY MANAGEMENT SYSTEM WHICH PROVIDES A FRAMEWORK TO ISO 9001, OHSAS 18001 TO ASSURE A CONSISTENTLY HIGH QUALITY OF PRODUCTS AND TO ENHANCE CUSTOMER SATISFACTION WHILE FOLLOWING THE HIGHEST HEALTH SAFETY AND ENVIRONMENTAL RULES AND REGULATIONS.



*thank You*  
FOR NOT  
PRINTING THIS BROCHURE  
*Save trees!*

