



**AMERICAN GREEN ZONE ALLIANCE** is a sustainability consultancy and the global leader in zero-emission grounds maintenance strategies. We lead the transformation of the industry in three ways:

1

**AGZA CERTIFIED GREEN ZONES<sup>®</sup>** are properties on which operations, grounds crews, and equipment are certified by AGZA to be quieter, healthier, emission-free and sustainable. AGZA consults with municipal, academic, commercial and residential property owners to design, implement, measure, and certify AGZA Green Zones across the country.

2

**AGZA ACCREDITED SERVICE PROVIDERS** are property managers and grounds crews who are educated, trained and accredited by AGZA to be safe and effective managers and operators of zero-emission battery electric equipment and sustainability best practices. AGZA Service Provider Accreditation improves on the knowledge, skillset, and effectiveness of electric equipment operators. It also enhances the performance, run-time, and lifespan of the equipment, accelerates ROI, and increases long-term profitability.

3

**AGZA INITIATIVES** are our portfolio of innovative programs custom-built to accelerate a society-wide transition from gas to electric. Over the past decade AGZA has delivered hundreds of gas equipment exchanges, electric equipment demos, hands-on workshops, presentations, symposiums, and equipment tests. We partner with environmental non-profits, investigative journalists, and government agencies — anything to raise awareness and inspire change.

AGZA CONGRATULATES THE NATION'S FIRST  
ZERO-EMISSION AGZA GREEN ZONE<sup>®</sup> CITY

**SOUTH PASADENA  
CALIFORNIA**

*"THE ACTIONS WE ARE CELEBRATING TODAY WILL AFFECT MORE THAN 41 ACRES OF CITY-OWNED LAND AND AVOID MORE THAN 31 TONS OF POLLUTANTS PER YEAR FROM BEING EMITTED INTO THE AIR, RESULTING IN IMMEDIATE HEALTH BENEFITS FOR RESIDENTS, BUSINESSES, AND VISITORS. WE'RE PROUD TO HAVE PARTNERED WITH AGZA TO PROVIDE CLEANER AIR AND MORE PEACE AND QUIET TO EVERYONE WHO LIVES IN, WORKS IN, OR VISITS SOUTH PASADENA."*

*Michael Cacciotti, City of South Pasadena Mayor Pro Tem, and Governing Board Member of the SCAQMD*

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AGZA has identified a staggering list of pollutants, health risks, and environmental dangers inherent in the small gas engines of the grounds maintenance industry. That's why we're developing education, launching initiatives, and advocating for tools

and practices that offer quieter, zero-emission alternatives. AGZA is committed to helping your organization optimize your transition from gas to electric. Here's how electric tools solve the ten worst problems of gas equipment.

## THE PROBLEMS WITH GAS

EMISSIONS	HEALTH RISKS	NOISE	VIBRATION	GAS & OIL	TOXIC	WASTE	INEFFICIENT	MAINTENANCE	EXPENSE
Poisonous, toxic gasses, GHGs, carcinogenic PM	Asthma, heart disease, hypertension, cancer	Tinnitus, hearing loss, headaches, stress, irritation	Tingling, numbness, vibration syndrome	1.2 billion gallons burned, 17 million spilled every year	Cans + rags of oil, cleaners, solvents and degreasers	Air & fuel filters, spark plugs, hoses, belts	High friction and heat, only 20% - 40% efficiency	Frequent maintenance and parts replacement	High operational cost of fuel, oil, and repairs

## THE ELECTRIC ALTERNATIVE

CLEAN	HEALTHY	QUIET	SMOOTH	ELECTRIC	SUSTAINABLE	RECHARGEABLE	EFFICIENT	SIMPLE	PROFITABLE
Zero-emissions during operations and cleanup	No toxic gasses, carcinogenic PM, VOCs, or HCs	40% - 70% quieter than gas equipment	Symmetric electric motors have virtually zero vibrations	Zero gas + oil, electric gets cleaner with grid	No pollution in soil, water, air, and atmosphere	No bottles + cans, spills, evaporation, or landfill trash	Super low friction and heat, about 90% efficient	Component based, fewer parts, far less maintenance	Very low cost operation means a healthy ROI