

DRIVING THE FUTURE

Pure electric power



engo
ice arena equipment

THE **E**-EVOLUTION



THE PAST ●

COMBUSTION ENGINE

- Harmful and dangerous Co2-emissions
- High maintenance costs



THE PRESENT ●

PURE ELECTRIC POWER

- Drastic reduction of operating costs
- Zero-emissions for safe indoor ice rinks

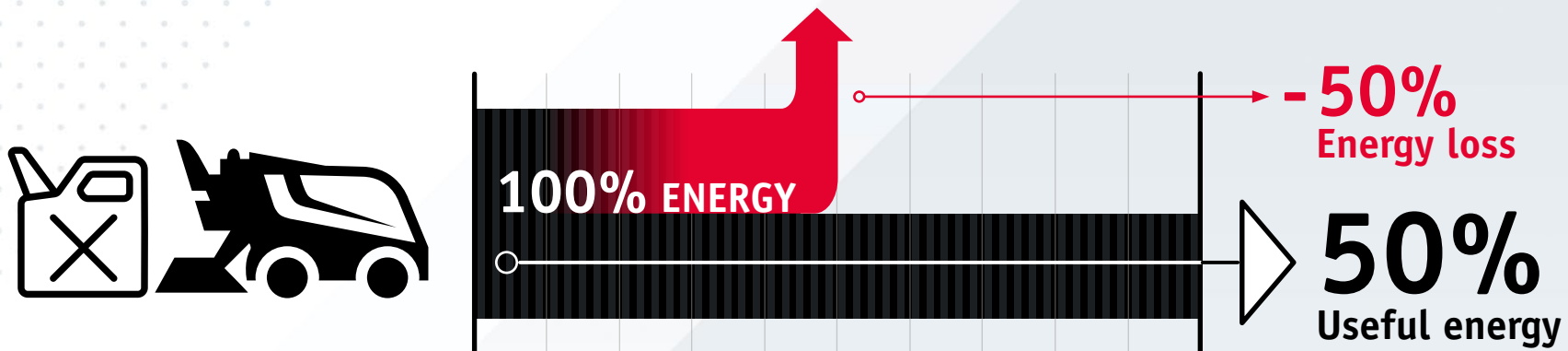
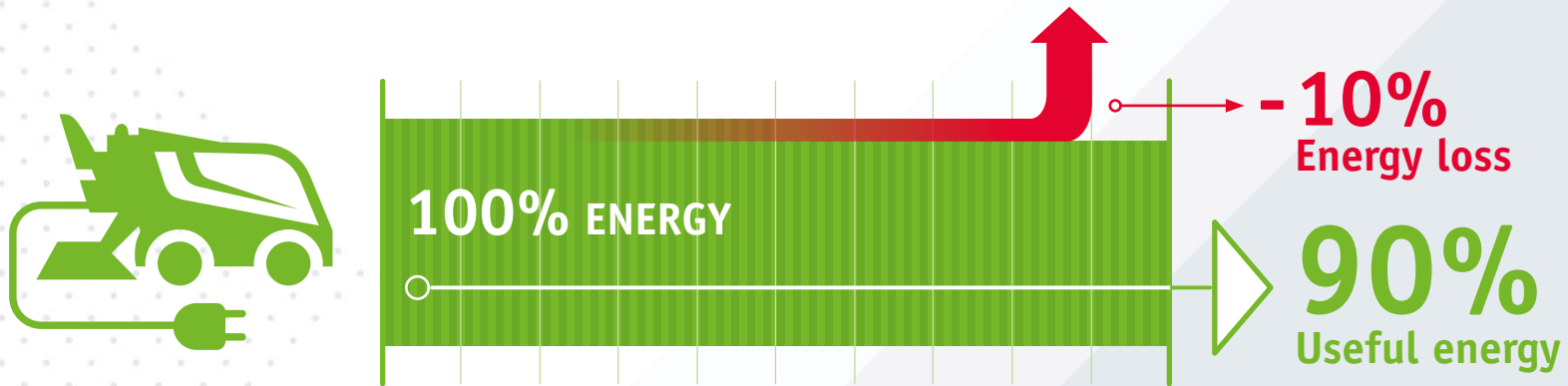


THE FUTURE ●●

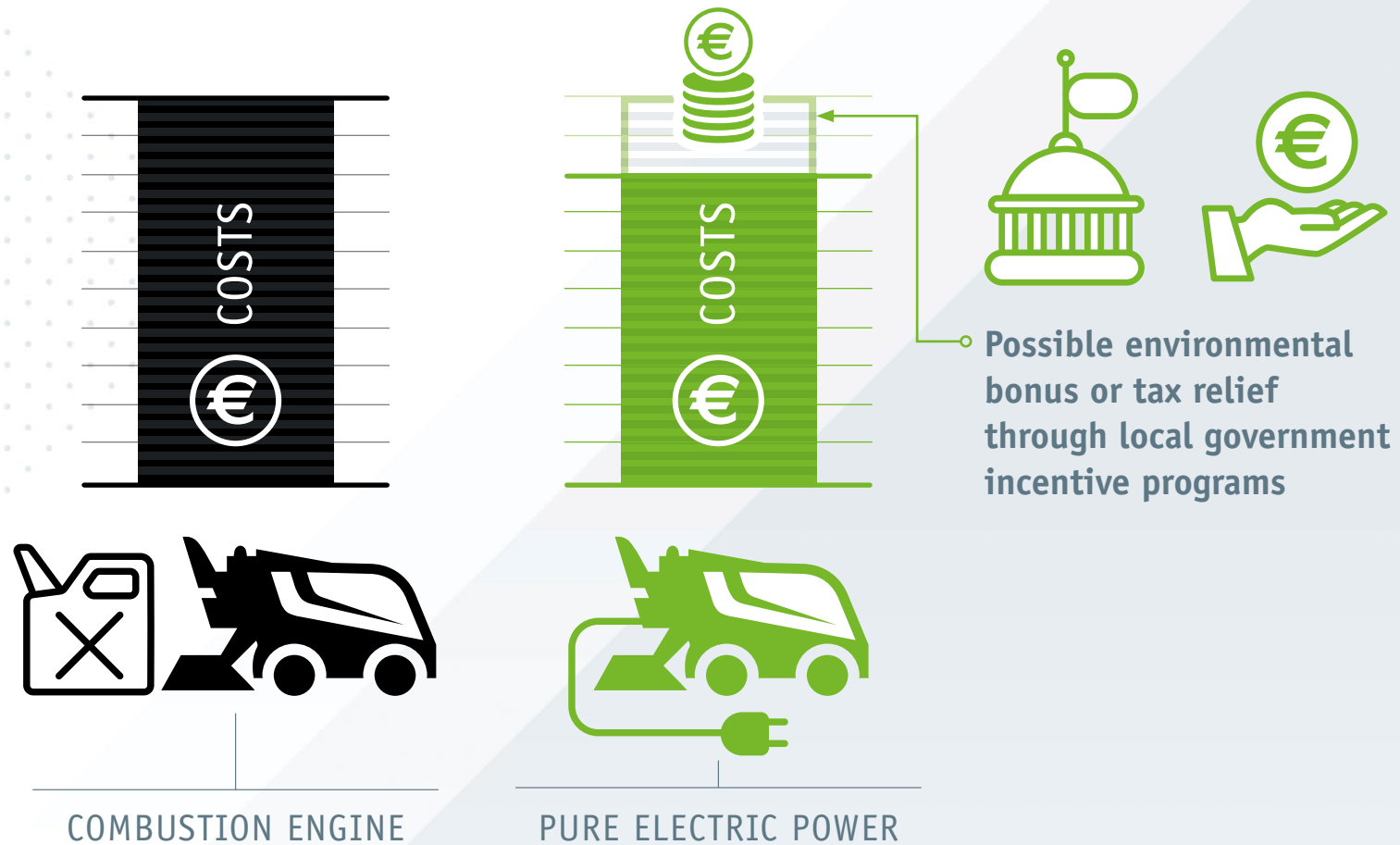
LITHIUM-ION TECHNOLOGY

- Drastic reduction of operating costs
- Zero-emissions for safe indoor ice rinks
- Maintenance-free
- Operation of the machine while charging
- Intermediate charges
- Great power in small and light format

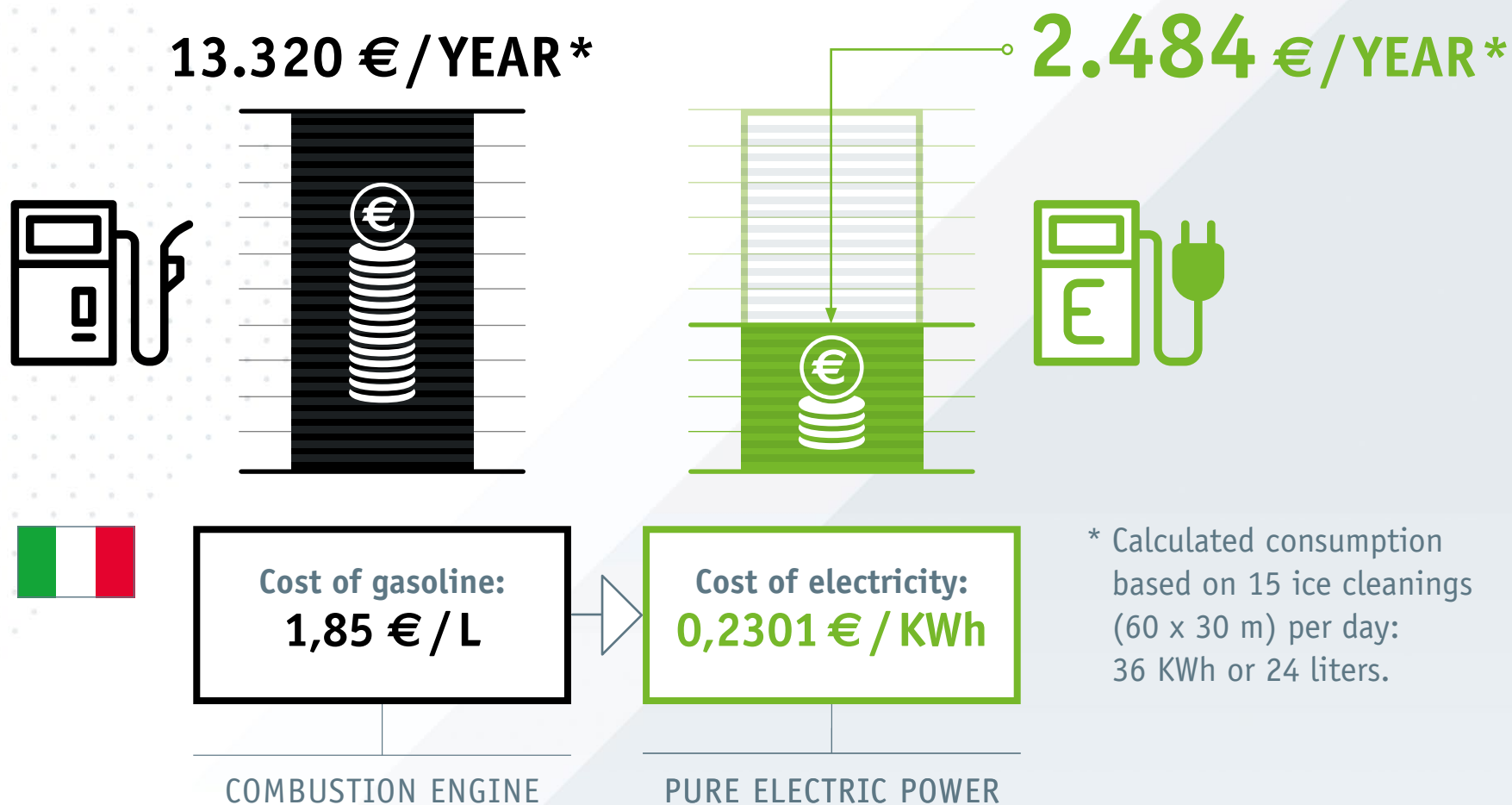
ENERGY EFFICIENCY



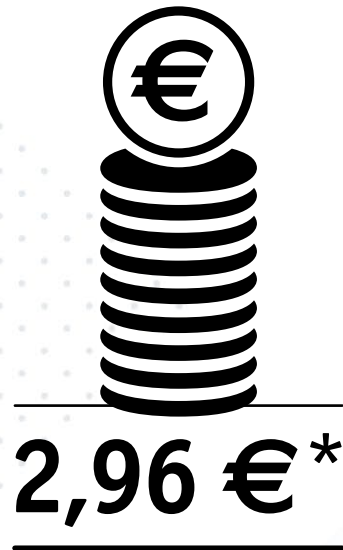
ACQUISITION COSTS



OPERATING COSTS



COSTS PER ICE RESURFACING



COMBUSTION ENGINE



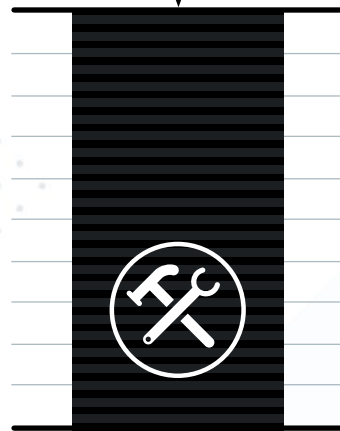
PURE ELECTRIC POWER

* Calculated with a consumption of 1,6 L gasoline or 2.4 kWh per ice cleaning at 15 ice cleanings per day and 300 days per year

MAINTENANCE COSTS

MAINTENANCE

- Engine
- Hydraulic components
- Mechanical components
- Conditioner
- Additional costs due to emissions for ventilation and measurements



COMBUSTION ENGINE

MAINTENANCE-FREE

- Engine
- Lithium battery
- Emission-free:
No additional costs

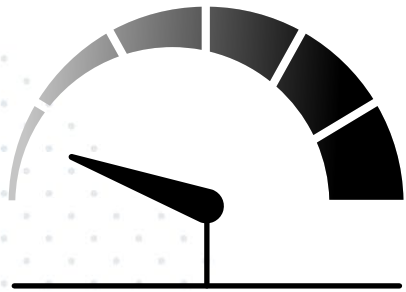


PURE ELECTRIC POWER

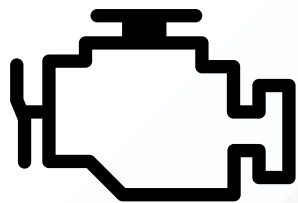
MAINTENANCE

- Hydraulic components
- Mechanical components
- Conditioner

PERFORMANCE



A **gasoline engine** needs to reach a certain rotation speed to reach full power.



COMBUSTION ENGINE



With an electric motor, you get the full power **right from the start** with 1.940 Nm and a max. ice cutting depth of 27 mm.



PURE ELECTRIC POWER

EMISSIONS



Emissions are harmful for the environment and a security risk for closed ice arenas



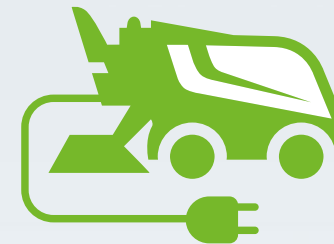
EMISSIONS



Zero emissions for a healthy planet and ice arena audience



COMBUSTION ENGINE



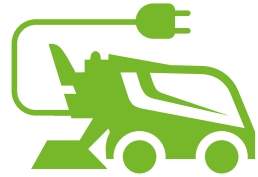
PURE ELECTRIC POWER

DRIVING THE FUTURE

Pure electric power



THE PAST •
COMBUSTION ENGINE



THE PRESENT •
PURE ELECTRIC POWER



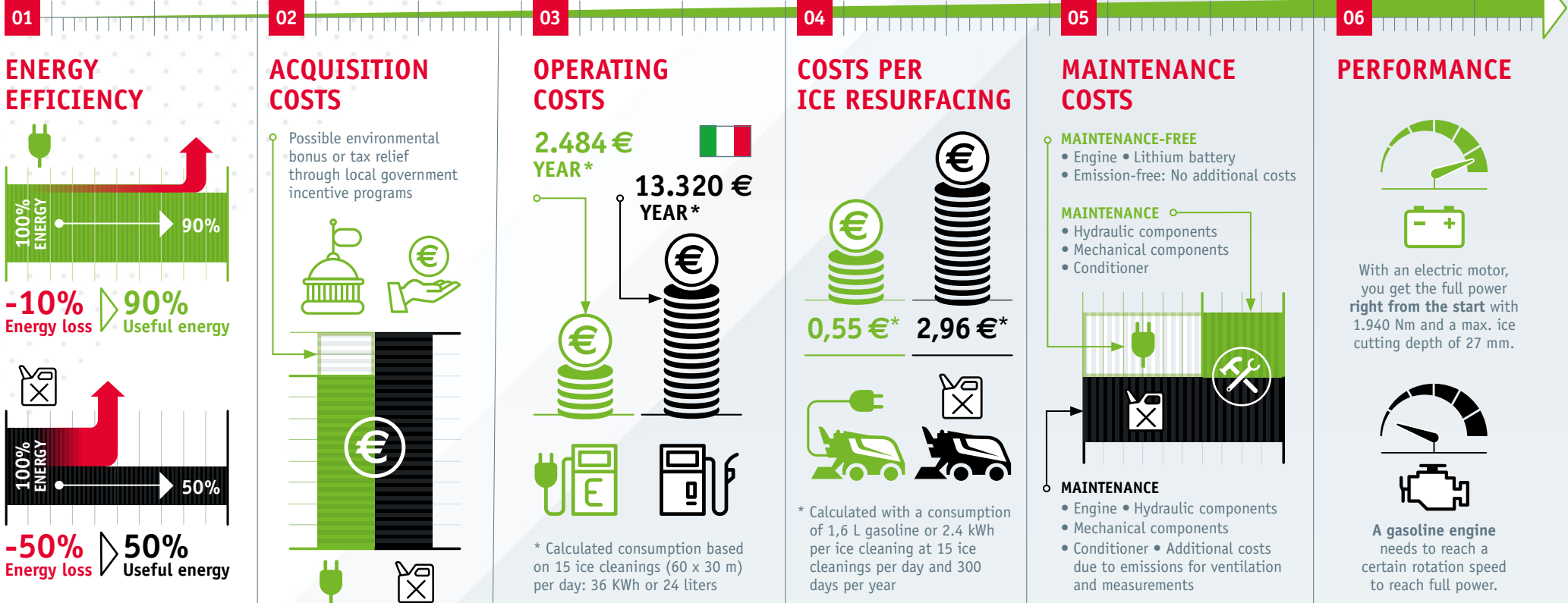
THE FUTURE ••
LITHIUM-ION TECHNOLOGY



Emissions are harmful for the environment and a security risk for closed ice arenas



Zero emissions for a healthy planet and ice arena audience





ice arena equipment

engo GmbH

Forchstraße 9
39040 Vahrn (BZ)
Italien / Italy

T +39 0472 546 157
info@engo-ice.com
www.engo-ice.com