

# **Environmental Activities of Toronto Emergency Medical Services**

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# Major Environmental Activities

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- Accomplishment 1: Diesel to gasoline replacement of transport ambulances in 2007
  - Eliminated particulate matter associated with diesel fuel
  - Reduced CO<sub>2</sub> by apx. 583,682 kg = taking apx. 224 cars off the road for one year re lifecycle analysis
  - Supports the 6% CO<sub>2</sub> reduction target for 2012

# Major Environmental Activities

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- Accomplishment 2: Ethanol-enriched gasoline 2007
  - E10 at HQ, 4330 Dufferin St.
  - E5 at retail
  - Reduced CO<sub>2</sub> by apx. 118,895 kg = taking apx. 46 cars off the road for one year re life cycle analysis
  - Supports the CO<sub>2</sub>, smog reduction targets and biofuels

# Major Environmental Activities

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- Accomplishment 3: Getting the word out
  - Participated in the Green Fleet Expo (GFX) II in Hamilton
  - Raised awareness of gasoline ambulances, E-gas, green economic development and how fleets can support corporate goals
  - GFX III in Toronto 2008

# Major Environmental Activities

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- Toronto's Gas Ambulances
  - GM series 5500
  - Converting to gas and using E-gas reduced CO2 apx. 12% in 2007
  - In 2008, complete the conversion to gas ambulances using e-gas



# Other Environmental Activities

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- Paramedic Bike program eliminates emissions related to sending vehicles (500 responses /year)
- Support corporate Idle-Free, Green Toronto Festival, Earth Day re education and CO2 reduction
- Support corporate recycling eg vehicle fluids, printer cartridges re diversion targets

# Future Environmental Activities

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- Technology Testing
  - Short-term
    - hybrid sedans for administrative vehicles
    - sustainable ethanol and E85
  - Long-term
    - fuel cell/hybrid platforms