

BEVO Beacon: Monitoring your indoor environment

Volatile Organic Compounds



What: Carbon-containing compounds in the air

Source: Cleaners, paints, cosmetic products

Effect: Eye/nose/throat irritation, headache, dizziness

Use: Health monitoring and occupancy detection

Carbon Dioxide (CO₂)



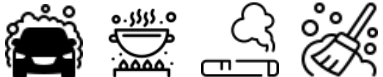
What: Colorless, odorless greenhouse gas

Source: Outdoors, when we exhale

Effect: Mild effects on drowsiness/productivity

Use: Measure ventilation/occupancy

Particulate Matter (PM)

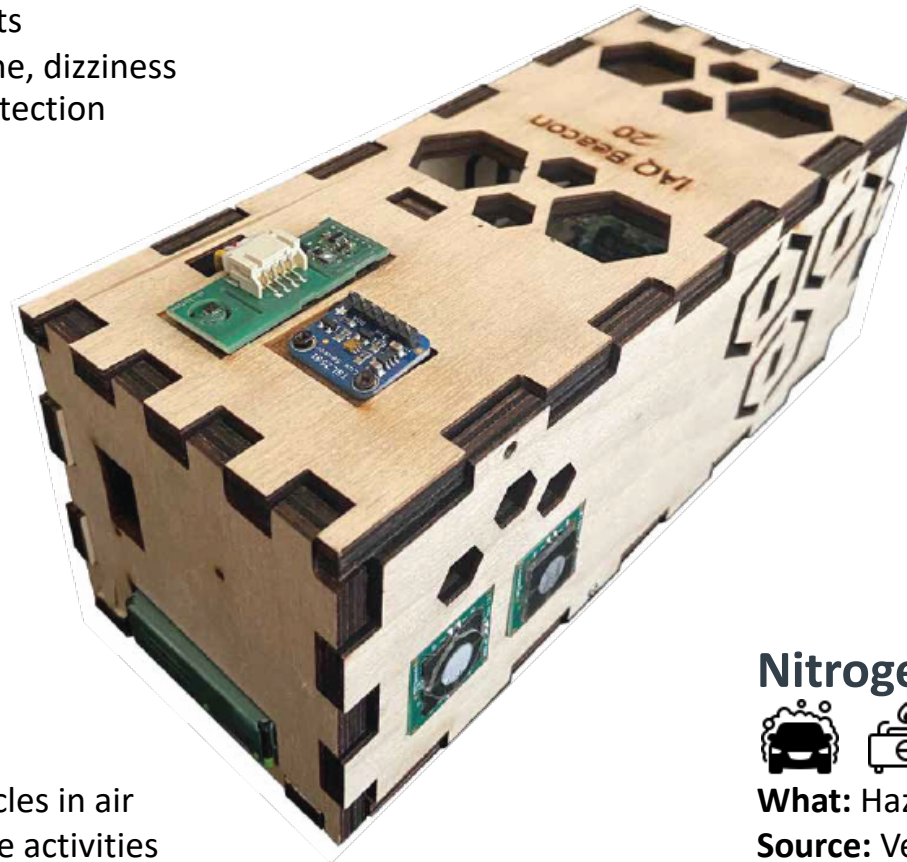


What: Small, typically imperceptible particles in air

Source: Outdoors, cooking, smoking, home activities

Effect: Eye/nose/throat irritation, aggravated asthma

Use: Health/environment monitoring



Temperature/Relative Humidity



What: Thermal conditions

Source: Outdoors, occupancy, home activities

Effect: Discomfort

Use: AC operation/environmental monitoring

Carbon Monoxide (CO)



What: Hazardous indoor pollutant

Source: Vehicles (outdoor), cooking (gas stove)

Effect: Headaches, dizziness, fatigue

Use: Health/environment monitoring

Nitrogen Dioxide (NO₂)



What: Hazardous outdoor pollutant

Source: Vehicles (outdoor), cooking (gas stove)

Effect: Development/aggravation of asthma

Use: Health/environment monitoring