

# NJ ENERGY MASTER PLAN: OPPORTUNITIES TO INTEGRATE HEALTH AND HEALTH EQUITY

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▶ **Goals:**

- ▶ 100% clean energy by 2050
- ▶ 80% emissions reductions from 2006 levels by 2050

▶ **Strategies:**

- ▶ **REDUCE ENERGY CONSUMPTION AND EMISSIONS FROM THE TRANSPORTATION SECTOR**
- ▶ **ACCELERATE DEPLOYMENT OF RENEWABLE ENERGY AND DISTRIBUTED ENERGY RESOURCES**
- ▶ **MAXIMIZE ENERGY EFFICIENCY AND CONSERVATION AND REDUCE PEAK DEMAND**
- ▶ **REDUCE ENERGY CONSUMPTION AND EMISSIONS FROM THE BUILDING SECTOR**
- ▶ **MODERNIZE THE GRID AND UTILITY INFRASTRUCTURE**
- ▶ **SUPPORT COMMUNITY ENERGY PLANNING AND ACTION IN LOW- AND MODERATE-INCOME AND ENVIRONMENTAL JUSTICE COMMUNITIES**
- ▶ **EXPAND THE CLEAN ENERGY INNOVATION ECONOMY**

EMP STRATEGIES

- ▶ **Electric Vehicles**
- ▶ **Vehicle Miles Traveled**
- ▶ **Energy Efficiency**
- ▶ **Renewable Energy**

BLOUSTEIN STUDY: **HEALTH OUTCOMES**  
OF SELECTED EMP ELEMENTS

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- ▶ **Energy Justice** – Costs and benefits of energy policies are equally distributed
- ▶ **Fuel Poverty** – Trade-offs between household energy costs and other essentials

CROSS-CUTTING THEMES RELATED TO  
HEALTH AND HEALTH EQUITY

## ▶ **Electric Vehicles**

- ▶ Prioritize electrification of public transportation
- ▶ EV rebates and incentives
- ▶ Equitable charging infrastructure
- ▶ Address “pollution shift” with cleaner energy generation mix
- ▶ More research on life-cycle costs and benefits

SELECTED OPPORTUNITIES TO INTEGRATE  
HEALTH SUPPORTED BY FINDINGS

## ▶ **Vehicle Miles Traveled**

- ▶ Comprehensive program to address “first mile/last mile” with walkable streets and active transportation options
- ▶ Car-pooling and telecommuting policies
- ▶ More research on health impacts of development patterns and inventory/condition of infrastructure

SELECTED OPPORTUNITIES TO INTEGRATE  
HEALTH SUPPORTED BY FINDINGS

## ▶ **Renewable Energy**

- ▶ Living wage jobs with benefits
- ▶ Education and outreach to communities
- ▶ Low-income energy assistance
- ▶ More research on life-cycle costs of solar and wind

SELECTED OPPORTUNITIES TO INTEGRATE  
HEALTH SUPPORTED BY FINDINGS

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## ▶ **Energy Efficiency**

- ▶ Prioritize upgrades in substandard housing
- ▶ Educate about proper maintenance and healthy indoor air
- ▶ Opportunity to track health impacts to maximize positive impacts of upgrades
- ▶ Opportunity to combine other safety upgrades with efficiency programs

SELECTED OPPORTUNITIES TO INTEGRATE  
HEALTH SUPPORTED BY FINDINGS

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- ▶ **Use a Health Lens Throughout Implementation**
- ▶ **Incorporate Health in Determining the State's Mix of Clean Energy**
- ▶ **Implement Comprehensive Community Energy Planning**
- ▶ **Promote Energy Efficiency throughout all sectors**
- ▶ **Monitor and Evaluate Health Impacts**
- ▶ **Support Public Health 3.0**
- ▶ **Coordinate with HEALTHY NJ 2030**
- ▶ **Consider Health Impact Assessment**

**KEY OVERALL OPPORTUNITIES TO  
INTEGRATE HEALTH INTO EMP**