

How will **Solebury**  improve
a natural choice

the environment, community and economy for

The current and future generations?

How will we account for our impacts and outcomes?

SOLEBURY | Environmental Advocacy Committee

The Solebury Environmental Advisory Council (EAC) includes (7) voting members and five (5) additional associate members.

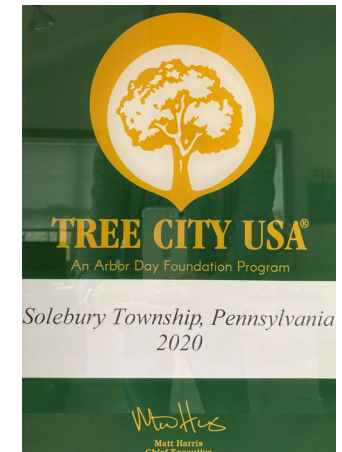
The EAC advises local governmental agencies, including the Planning Commission, Parks & Recreation Board and elected officials, on matters dealing with protection, conservation, management, promotion and use of natural resources, including air, land and water resources, located within the Township.

Environmental Initiatives include:

1. A Natural Resources Inventory
 2. Public Education and Outreach
 3. Coordination with Watershed Groups -including developing an assessment plan for the Aquetong Creek
 4. Habitat protection - Deer / wildlife and invasive species management
 5. Storm + wastewater management + treatment
 6. Tree and Plantings Recommendations
 7. Organic Farming
 8. Waste + Single Use Plastics Management
 9. Environmental Education Component of the new parks
 10. Energy Transition Plan
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SOLEBURY | EAC Resolutions

1. Rf100 Resolution passed July 2020
2. Township purchases electricity from 100% renewable sources
3. Solar Panels proposed, bid and under consideration for township buildings
4. Township building lights changed to LEDs
5. Traffic lights changed to LEDs
6. Tree City designation obtained, planting ongoing
7. EV charging stations installed
8. Route 202 traffic studies to ease flow
9. Transitioning to electric power tools for township maintenance dept.
10. Energy Star evaluation underway
11. Deer Management Program
12. Solebury awarded Pennsylvania Sustainable Communities Platinum Certification
13. Police fleet replacing patrol vehicles with hybrid vehicles
14. Alternative Energy Audit proposal recommended to board by PC and EAC
15. Ordinance Banning Single Use Plastics passed
16. Many more, and many more to come!



1. INTRODUCTIONS

2. WHAT IS THE ENERGY TRANSITION PLAN?

What are the RF100 Resolution Goals?

Summary: Where Are We Now?

What Does This Mean?

How We Get There + Benefits

3. TOPICS OF INTEREST

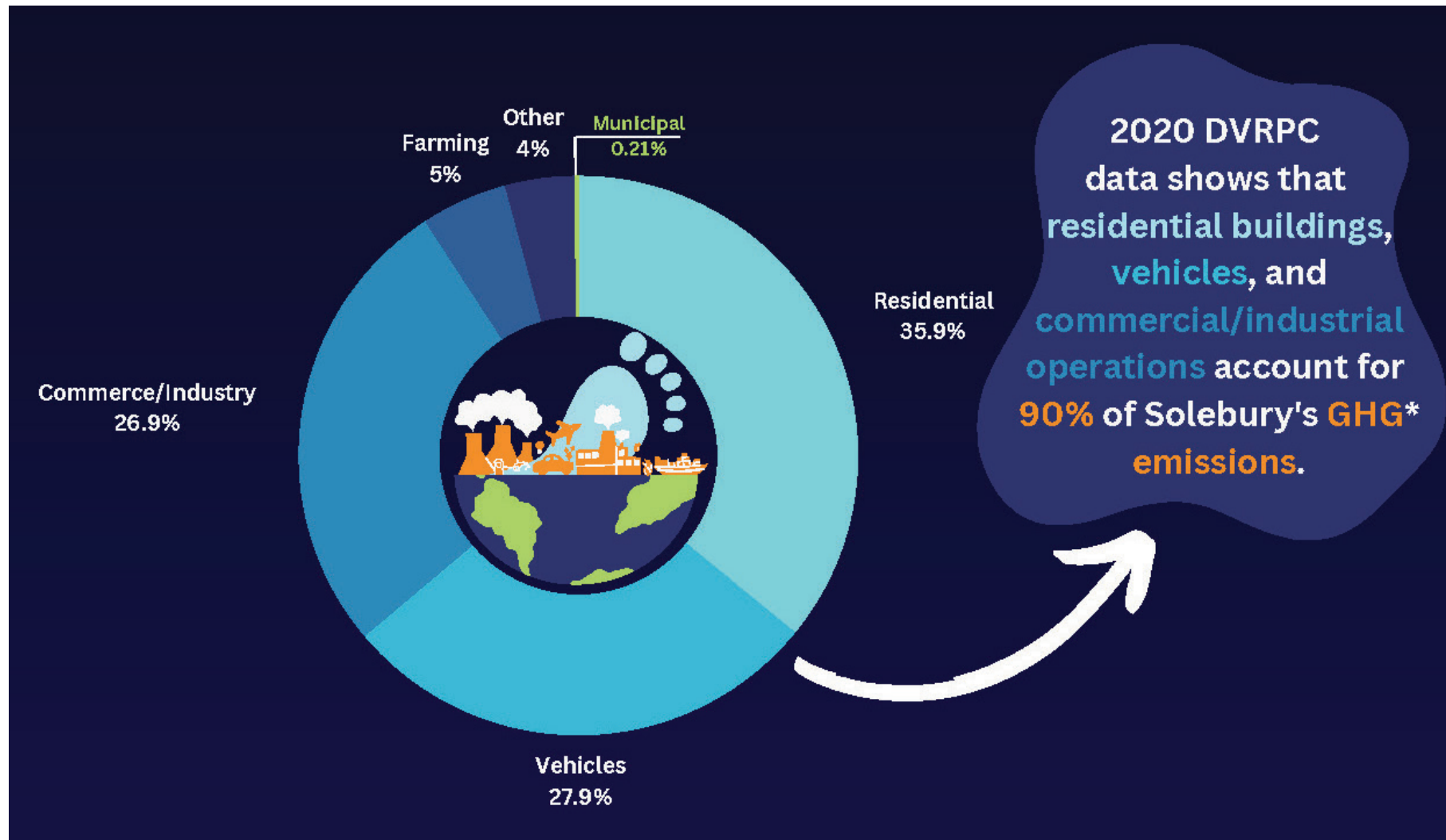
4. PERIODIC NEWSLETTER + PLANNING

5. SUSTAINABILITY STEERING COMMITTEE

The Ready for 100 (RF100) resolution commits us to reach 100% clean, renewable energy by 2035 for electricity, and 2050 for heat and transportation in order to **eliminate** the use of **fossil fuels**.

For those municipalities which have adopted a renewable energy commitment, such as Solebury, this plan meets the resolution objective of developing an Energy Transition Plan (ETP) for our community and Township operations.

SOLEBURY | Summary: Where Are We Now?



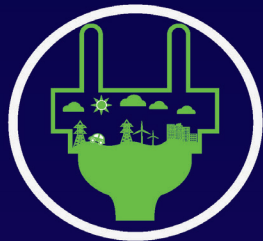
Solebury's dedication to preserving historic lands and conserving our natural ecosystems has led the township to begin preparing to take the next steps in responsible environmental stewardship.

We are committed to achieving the objectives of RF100, however, our community will need to work together across all sectors in order to make it happen.

How Do We Get There?

Solebury's Energy Transition Plan (ETP) addresses the challenges and opportunities of coming decades by striving for development in four areas:

Energy Efficiency
& Conservation



Electrification



On-Site Solar
Generation



Utility-Scale
Renewable Energy





Energy Efficiency & Conservation

Well-constructed energy efficiency policies *alone* could enable more than 40% of the emissions cuts needed to reach the Paris Accord climate goals while using existing technology. Additionally, energy waste costs American businesses and households billions of dollars every year.

Electrification

Convert to 100% electricity for all energy needs, including electrification of heating systems and transportation. By retiring technologies that directly combust fossil fuels (natural gas, oil, coal), we can move toward RF100 clean energy goals and improve energy security.





On-Site Solar Generation

Maximize our ability to generate renewable electricity on-site using solar (or other sustainable) technology. The cost of solar photovoltaics (SPVs) has declined more than 70% since 2010, making it competitive with conventional electricity and installing solar systems in residential/commercial buildings financially viable.

Utility-Scale Renewable Energy

Solebury's municipal facilities already purchase its electricity from renewable sources, but this is only part of the need to ensure that renewable electricity is generated locally. As we move toward 100% electrification, electricity delivered by utility providers (i.e. PECO) must be generated from carbon-free, clean energy sources such as solar, small-scale hydroelectric power, and onshore/offshore wind.



Weather Resilience



Energy Independence



Cost-Effective



**Healthy Ecosystems
& Communities**

