

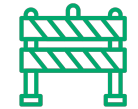
Clean Energy for Healthier Schools

Team led by the UMass Center for Energy Efficiency and Renewable Energy



Our goal is to **upgrade existing public K-12 school buildings in Massachusetts**

- Energy-efficient and fossil fuel-free with electric heating
- Healthy learning environments with comfortable temperatures and proper ventilation



A major barrier is **limited expertise** at many levels (school staff, building/HVAC professionals, etc.)

- Missed opportunities, misinformation about heat pump feasibility, faulty heat pump systems



Our innovative plan is to **develop a decision tree tool to provide guidance on upgrade options** for specific school buildings, along with **outreach and training to a broad range of stakeholders**

- Scale the technical assistance we currently offer
- Increase replicability of our successful upgrade projects
- Promote our proven, holistic approach to building upgrades
- Streamline the feasibility study process
- Contribute to workforce development
- Engage with communities about clean energy for healthier schools
- Accelerate implementation of successful, cost-effective upgrades