



ELECTRIC SCHOOL BUS INITIATIVE

Technical Assistance Menu

Inquiry Form Link | Email: ESBinfo@wri.org

World Resource Institute's Electric School Bus Initiative provides school districts with free technical assistance, tools, and resources to accelerate the electrification of school bus fleets. We offer expert support at every stage of the process, from roadmapping to deployment. Please see the chart below for a detailed list of our technical assistance offerings. If your district is interested in learning more, please fill out our [inquiry form](#), and a WRI team member will be in touch.

1. FOUNDATION SETTING

We support activities that bring various stakeholders together to develop a shared vision and roadmap for electric school bus procurement and expansion.

- Stakeholder mapping
- Facilitate community engagement
- Strategic workshop
- Market study
- Financing and funding research
- Reference and guidance materials, case studies
- Roadmap

2. PLANNING AND PROCUREMENT

We support the development of an implementation plan and provide procurement technical assistance (specifically as it relates to bid requirements).

- Meeting facilitation with suppliers (manufacturers)
- Facility and fleet assessment
- Infrastructure and operations planning
- Procurement model evaluations
- RFI/RFP bid reviews and contracts support

3. CHARGING INFRASTRUCTURE

We support the work with utilities on infrastructure upgrades and interconnection agreements.

- Utility coordination for rates and interconnection
- Charger installation
- Bus depot upgrades
- Test charging plan - managed charging, vehicle-to-grid, etc.

4. TESTING AND TRAINING

We support the activities from equipment arrival to route deployment, including ensuring that the local workforce is supported and trained.

- Testing protocols to ensure equipment meets specs
- Fleet operation and maintenance protocols
- Driver training protocols
- Workforce development

5. DEPLOYMENT AND SCALING

We support implementation, help communicate successes and failures with electric school bus community, and help school districts continue moving forward to achieve their overall vision.

- Indicators and metrics development
- Monitoring, tracking, and evaluation
- Launch event promotion
- Project report, case study
- Communications and public relations
- Scaling strategy support

Electric School Bus Roadmap

Transitioning to electric school buses generally follows a standardized process and can take around two years of planning. Your timeline may be different and will depend on local capacity, financing and processes, and the availability of buses.



1. Foundation Setting

- 1.1 Visioning and market study
- 1.2 Community and stakeholder engagement
- 1.3 Funding and financing research
- 1.4 Roadmap creation

2. Planning and Procurement

- 2.1 Facility and site assessment
- 2.2 Operations, fleet, and infrastructure plans
- 2.3 Procurement evaluation and requests for information/requests for proposals

3. Charging Infrastructure

- 3.1 Utility coordination for rates and interconnection requirements
- 3.2 Bus depot upgrades and solar pairing
- 3.3 Charger selection and installation

4. Testing and Training

- 4.1 Fleet and equipment testing
- 4.2 Driver and mechanic training

5. Deployment and Scaling

- 5.1 Fleet deployment
- 5.2 Monitoring, tracking and reporting
- 5.3 Community outreach and sharing of lessons learned
- 5.4 Scaling strategy

WRI can help your school district along this process – if interested, please fill out our [inquiry form](#), and a WRI team member will be in touch. While WRI has resources that can assist all school districts, individual assistance may be limited by capacity. Districts in underserved communities will be given first priority.

ABOUT WRI'S ELECTRIC SCHOOL BUS INITIATIVE

In collaboration with partners and communities, WRI's Electric School Bus Initiative aims to build unstoppable momentum toward an equitable transition of the U.S. school bus fleet to electric by 2030, bringing health, climate, and economic benefits to children and families across the country and normalizing electric mobility for an entire generation.

ABOUT WORLD RESOURCES INSTITUTE

WRI is a global nonprofit organization that works with leaders in government, business, and civil society to research, design, and carry out practical solutions that simultaneously improve people's lives and ensure nature can thrive.