IACT
ILLINOIS ALLIANCE FOR CLEAN TRANSPORTATION

Driving Illinois Forward

Practical Clean-Fleet Strategies, Funding & Tools for Public Works

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What we will cover

A 30-minute practical tour from fleet decision to funded deployment.

1

Choose the right tool

Match fuel and vehicle options to duty cycle, infrastructure and budget.

2

Build a fundable project

Translate fleet needs into measurable outcomes reviewers can score.

3

Use IACT resources

Technical assistance, tools, events, peer connections and on-demand learning.

Then: 5 minutes for questions + a walk-through of the vehicles at the IACT table.

Why this matters to public works

Public works agencies control both the fleet decision and much of the supporting infrastructure.

1 **You run the fleets**

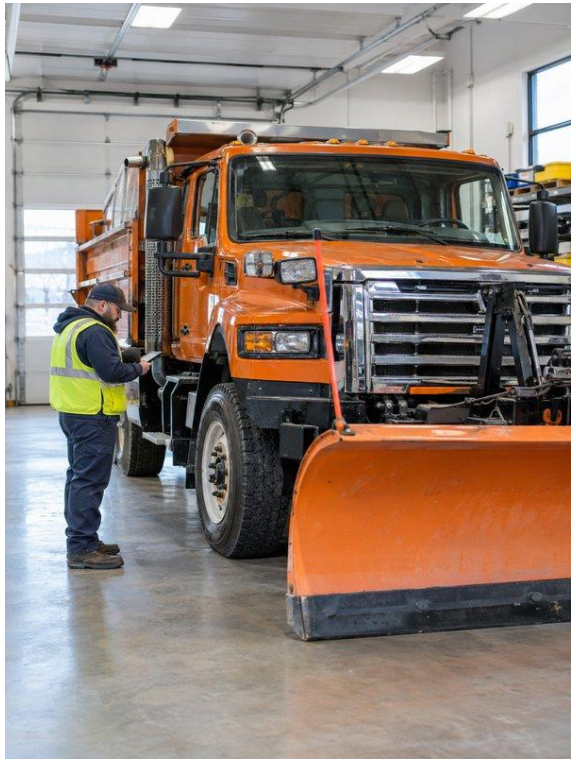
Plows, dump trucks, refuse vehicles, pickups, utility trucks, light-duty vehicles and off-road equipment.

2 **You manage the operating reality**

Routes, weather, duty cycles, maintenance capacity, fuel access, uptime and service expectations.

3 **You build the infrastructure**

Depots, fueling and charging, electrical upgrades, site circulation, procurement and capital planning.



Bottom line: the best “clean fleet” solution is the one that performs the public works mission reliably and affordably.

What is IACT?

Illinois' Clean Cities & Communities coalition — a statewide, nonprofit convener and technical resource.

IACT
ILLINOIS ALLIANCE FOR CLEAN TRANSPORTATION



Statewide

Serving fleets and communities throughout Illinois — urban, suburban and rural.

Technology-neutral

IACT does not sell a fuel or vehicle. We help you evaluate fit, cost and readiness.

Connector

We bring together public agencies, fleets, OEMs, fuel providers, utilities, funders and peers.

Implementation-oriented

Technical assistance, grant navigation, education, peer learning and project connections.

Our role: help fleets move from "What are our options?" to "What can we actually deploy?"

Technology-neutral by design

Match the right tool to the job — route profile, duty cycle, infrastructure, cost and service requirements.

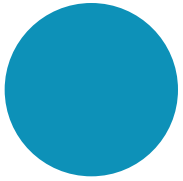
- Biodiesel / B100
- Renewable diesel
- Ethanol / E85
- Propane
- CNG / RNG
- Electricity
- Hydrogen
- Efficiency / idle reduction

Public works decision filter

- ✓ Can it complete the route?
- ✓ Can we fuel/charge it reliably?
- ✓ Can our shop support it?
- ✓ What is lifecycle cost?
- ✓ Does it improve resilience?

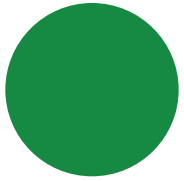
Compare three clean-fleet pathways outside

IACT has three vehicles on display today — each fits a different operating profile.



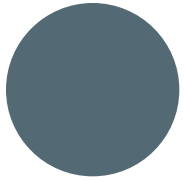
Electric vehicle

Evaluate route length, charging access, dwell time and total cost of ownership.



Biodiesel pickup

See how existing diesel platforms can use lower-carbon fuel blends with minimal operational disruption.



B100 semi tractor

Explore 100% biodiesel in heavy-duty freight — including duty cycle, fueling and maintenance.

Ask the same five questions of every vehicle

A consistent decision framework makes technology tradeoffs easier to compare.

Public works decision filter

1. **Mission fit**
2. **Infrastructure**
3. **Maintenance**
4. **Cost**
5. **Scalability**

Visit the IACT table after the session and use these five questions to compare the electric vehicle, biodiesel pickup and B100 semi tractor.

How IACT helps move a project forward

A practical support model from first question through implementation.

1 Assess

Duty cycles, routes, fleet age, fuel use, site conditions and operating constraints.

2 Compare

Fuel/vehicle options, total cost of ownership, infrastructure needs and readiness.

3 Fund

Identify programs, scope the project, strengthen the narrative and connect partners.

4 Deploy & learn

Implementation support, peer connections, training, events and case-study sharing.

IACT can be most useful before a grant notice opens — when the project concept is still being shaped.

Funding starts with project fit

Choose the funding pathway after defining the operational problem and deployment need.

Vehicle replacement

Diesel replacement or retrofit
Alternative-fuel vehicles
School and municipal fleet programs

Infrastructure

Charging and fueling
Electrical upgrades and site work
Corridor or facility investments

Financing & incentives

State and utility programs
Financing and tax incentives
Partner funding

Program rules and deadlines change — verify the current solicitation.

Before you chase a NOFO, answer four questions

A ready, measurable project is easier to fund than a technology looking for a use case.

Project-readiness test

- What problem are we solving?
- Is the project ready?
- What can we measure?
- Who must be at the table?

Use these answers to shape scope, partners, outcomes and the grant narrative.

Write for outcomes, not for technology

Reviewers need to see the public works problem, the operational benefit and evidence that you can deliver.

Cost discipline

Lifecycle cost, payback, fuel-price exposure and budget predictability.

Reliability

Vehicle uptime, route completion, winter readiness and service continuity.

Modernization

Facilities, fueling/charging, maintenance systems and supporting assets.

Workforce

Training, technician readiness, safety and implementation capacity.

Performance

Cost per mile, fuel use, uptime, maintenance, schedule and service metrics.

A technology choice is stronger when it is clearly tied to an operational need and a measurable result.

A simple grant narrative that works

Challenge → Approach → Results → Replicability

01 **Operational challenge**

What is not working today? Cost volatility, downtime, route fit, infrastructure limits, service risk.

02 **Deployment approach**

What will you buy/build? Vehicles, fuel, infrastructure, phasing, partners, training and schedule.

03 **Quantified results**

What changes? Cost per mile, uptime, fuel use, maintenance, service continuity and other measures.

04 **Replicability**

Why can this work elsewhere? Similar duty cycles, facilities, procurement models and implementation steps.

Operational metrics reviewers can score

Use measures your fleet already tracks — cost, reliability and energy.

Cost

Fuel cost / mile
Maintenance cost / mile
Lifecycle cost

Reliability

Vehicle uptime
Route completion
Unplanned downtime

Energy

Fuel use
Idle time
Energy / fuel-price exposure

Tip: establish a baseline before deployment so results are not just anecdotes.

Implementation metrics reviewers can score

Show that the project can be delivered and create value beyond the vehicle purchase.

Implementation

Procurement milestones
Infrastructure schedule
Training completed

Public value

Service continuity
Workforce readiness
Transferability / scale

Connect every metric to a baseline, target and reporting method.

IACT resources you can use now

Start with the website resource hub, then contact IACT when you need help interpreting or applying the tools.

Scan for IACT resources

il-act.org/resources

Decision tools

Use calculators and technical references to compare fuels, vehicles and operating scenarios.

Funding resources

Find programs and then match eligibility, project scope, cost share and timing to your fleet plan.

Data & infrastructure

Use trusted resources for fueling/charging availability, energy use and deployment planning.

Peer examples

Learn from fleets that have already deployed technologies in real operating environments.

IACT's value is not just the link — it is helping you decide which tool is relevant to your specific project.

On-demand: Clean Fuels for Cool Trucks

Missed the recent Clean Truck event? The recording and speaker slides are available now.

Watch the recording

Event recording

Use the video as a staff training resource or to revisit individual technology discussions.

Vimeo recording

Download the speaker slides

Presentation PDF

A convenient reference for fuel and vehicle discussions with fleet, procurement and maintenance staff.

Speaker slide deck

Next IACT event

Join the Propane Autogas Update Webinar — online and easy to access from anywhere.

NOV 19, 2026 • 10:00–11:30 A.M. CT

Propane Autogas Update Webinar

Online webinar

Get an update on propane-autogas OEM vehicles, refueling infrastructure and fueling-cost trends.

Registration and details: il-act.org/events

Upcoming in-person IACT events

Save the dates for networking, peer exchange and hands-on learning.

DEC 9, 2026

Annual Program & Holiday Reception

Jacob Henry Mansion
Joliet, Illinois

Recognition, networking and a year-end look at Illinois clean transportation.

FEB 25, 2027

Fueling Illinois' Freight Future

Autobahn Country Club
Joliet, Illinois

Freight summit with policy, operations, breakout discussions and a hands-on multi-fuel showcase.

More events and registration: il-act.org/events

Four easy ways to engage with IACT

You do not need to have a fully formed project before you contact us.

1 Bring us a fleet question

A route, replacement cycle, fuel-cost issue, infrastructure constraint or technology question.

2 Ask for a grant review

Let IACT help sharpen scope, partners, readiness, outcomes and the narrative before submission.

3 Connect with a peer

We can introduce agencies to fleets, OEMs, utilities, fuel providers and others with relevant experience.

4 Host or join an event

Ride-and-drives, training, technical sessions and local/regional information events.

Three takeaways

A simple way to carry the session back to your agency.

1

Start with the mission

Choose fuel and technology based on duty cycle, infrastructure, reliability and lifecycle value.

2

Write the operational story

Strong projects define the problem, the deployment plan, measurable results and a path to scale.

3

Use IACT as a resource

Bring us your questions early — before the funding deadline and before a technology decision is locked in.

Next step today: visit the IACT table and compare the electric vehicle, biodiesel pickup and B100 semi tractor.

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Questions?

Let’s talk about your fleet.

Ann Schneider · Chair, Illinois Alliance for Clean Transportation

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IACT website

IACT table + 3 vehicles on display today