

# Big Opportunities: *Infrastructure Investment and Jobs Act*

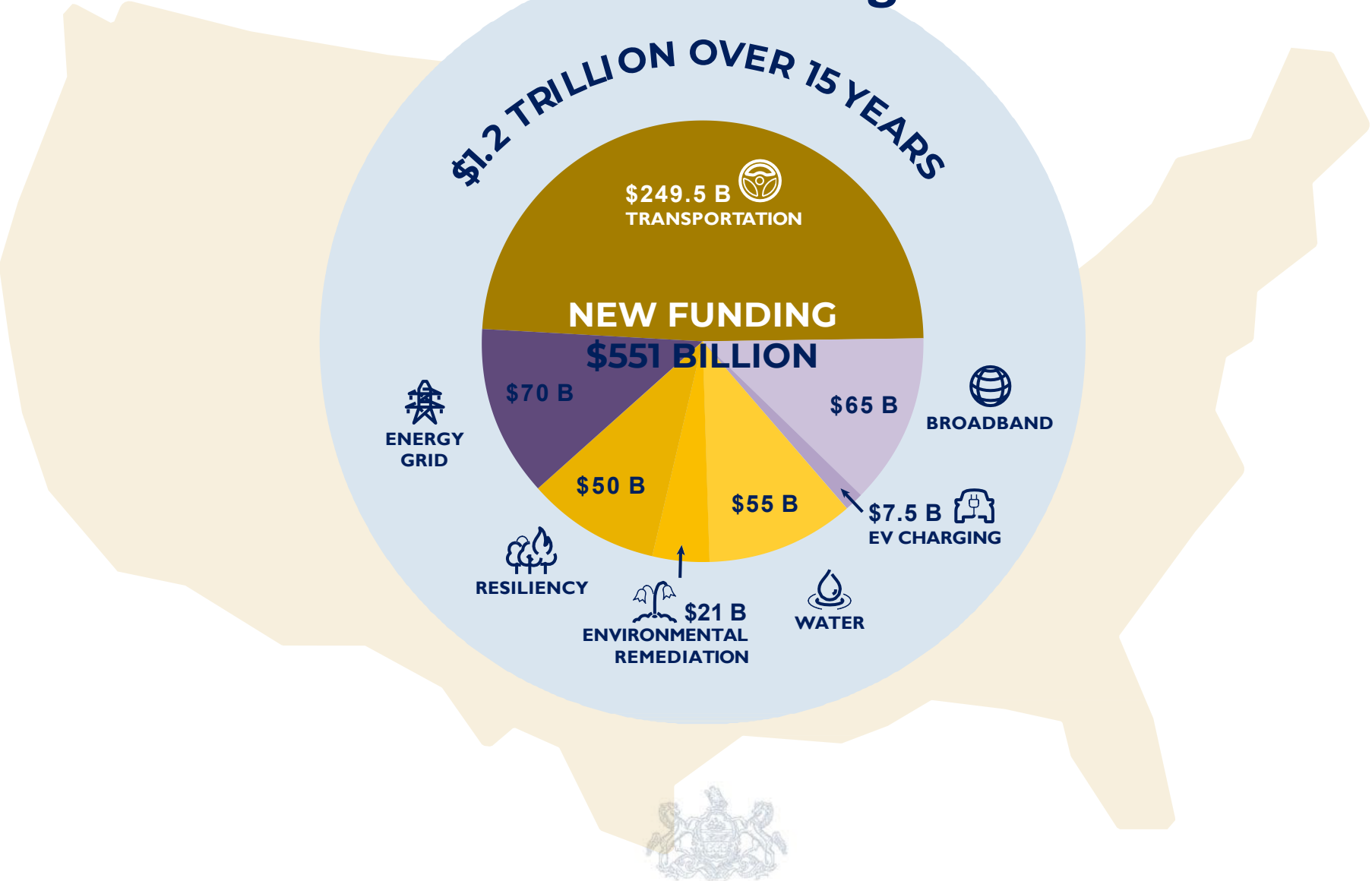
## Presenters:

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# IJA Nationwide Funding Allocation



## Infrastructure Investment and Jobs Act (IIJA) - Overview

### Traditional and nontraditional investments

Rebuilding roads and bridges, improving the environment through remediation and abandoned well plugging, ensuring broadband access and digital equity, expanding access to clean drinking water.

### Unprecedented amounts

Over **\$19 billion** has already been allocated to Pennsylvania

### Importance to Pennsylvania

Goal is to drive as much investment into Pennsylvania as possible, including municipalities and private businesses.

### Funding distribution mechanisms

Formula funds to state agencies

Competitive grants to agencies, municipalities, nonprofits, and private businesses



## IIJA – Major Projects and Areas of Investment

Transportation

Electric Vehicles

Legacy Pollution

- Abandoned Mine Reclamation
- Abandoned Oil and Gas Well Plugging
- Brownfields

Clean Water

Clean Energy

Broadband and Digital Equity



## Transportation Investments: Roads and Bridges

- Based on formula funding alone, Pennsylvania would expect to receive approximately **\$11.9 billion** over five years for highways and bridges.
- Pennsylvania can also expect to receive approximately **\$265 million** over five years to reduce transportation-related emissions, **\$593 million** for air quality, **\$332 million** for railway-highway crossings and freight programs and **\$171 million** for electric vehicle charging.



## Electric Vehicles

- Pennsylvania expects to receive **\$171 million** over five years to support the expansion of an electric vehicle charging network
  - Initially chargers will be placed on designated Alternative Fuel Corridors (AFCs) every 50 miles and within 1 travel mile of the corridor
- There will also be the opportunity to apply for the **\$2.5 billion** competitive grant funding dedicated to electric vehicle charging to support community charging needs
- CHIPS and Science Act, provides **\$52.7 billion** for American semiconductors, including **\$39 billion** in manufacturing incentives.
- **\$7 billion** in funding to support end-to-end domestic supply chain for EV battery manufacturing (DOE).



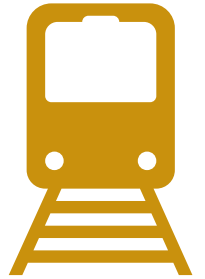
## Transportation Investments: Public Transit

- Through the IIJA, Pennsylvania will receive approximately **\$3.3 billion** over five years to improve public transportation options across the state
- **21.9%** of transit vehicles in the Pennsylvania are past useful life
- EPA Clean School Bus Rebate Program:
  - Increased to **\$965 million** this year due to overwhelming demand
  - **\$5 billion** total
  - State/local entities and eligible contractors
  - 100% of the cost of the replacement bus/charging infrastructure
  - \$34.6 million for 89 new clean school buses in 11 school districts in Pennsylvania



## Transportation Investments: Passenger & Freight Rail

- Pennsylvania will be eligible to compete for up to **\$10 billion** for rail improvement and safety grants
- An additional **\$5.5 billion** is available for grade crossing safety improvements. NOFO announced in June 2022
- Federal – State Partnership for Intercity Passenger Rail (National) **\$43.5 billion**. NOFO to be announced in October 2022





## TRANSPORTATION INVESTMENTS: AIRPORTS & PORTS

- Through IIJA, Pennsylvania could receive approximately \$353 million for airport infrastructure improvements.
- An additional \$5 billion in discretionary funding is available for airport terminal development projects.
- \$16.7 billion nationally to improve infrastructure at costal ports, inland ports and waterways, and land ports of entry.



## NEW TRANSPORTATION DISCRETIONARY PROGRAMS

- Safe Streets for All (\$6 billion, new)
- PROTECT Grants (Discretionary, \$8.1 billion, new)
- Charging & Fueling Infrastructure (Discretionary, up to \$21.5 billion, new)
- National Electric Vehicle Formula Program (Formula & Discretionary)
- Congestion Relief Program (\$250 million)
- Bridge Investment Program (\$15.77 billion, new)
- Reconnecting Communities Pilot Program (\$1 billion, new)
- Rural Surface Transportation Grants (\$2 billion, new)
- MEGA Projects (\$15 billion, new)
- RAISE Grants Program\* (Discretionary, \$15 billion, expanded)
- Reduction of Truck Emissions at Port Facilities Program (Discretionary, \$400 million)
- Prioritization Process Pilot Program (Discretionary, \$50 million)
- Wildlife Crossings Pilot Program (\$350 million)



## Broadband

IJA provides **\$65 billion nationwide** for reliable, high speed, and affordable broadband.



Pennsylvania's funding will be administered by the newly established PA Broadband Development Authority.

**Over \$100 million** guaranteed for PA for broadband expansion. Hundreds of millions more anticipated, based on formula funding and competitive grant opportunities.

Funding will be prioritized for unserved and underserved households that currently lack access to high-speed internet. Focus will be on equity, access, and affordability.



## Legacy Pollution

### Orphan Oil and Gas Well Plugging



- Between 305,000 and 395,000 oil and gas wells have been drilled in Pennsylvania
- IJJA could provide up to **\$400 million** to PA to plug orphan wells through September 30, 2030
- **\$330 million** total in formula funding
- **\$25 million** in initial formula funding
  - Will plug 236 orphan wells in Pennsylvania

### Abandoned Mine Reclamation



- Funding to clean up abandoned coal mine sites and related problems
- Historic levels of funding – the most in history
  - **\$244.9 million per year for 15 years (total of \$3.2 billion)** to PA



## Legacy Pollution

### Brownfields and Superfund

- **\$1.5 billion** nationwide for brownfields
  - BECB was awarded **\$1.5 million** under EPA's 128a CERCLA State and Tribal Response Program Grant
    - **\$300,000** will be used to create brownfields inventories for small to medium sized disadvantaged and EJ communities
    - DEP & DCED applying for additional competitive grants
- **\$3.5 billion** nationwide for Hazardous Substance Superfund sites administered by EPA



## Clean Water in Pennsylvania



### Chesapeake Bay

- **\$238 million** total, with **~\$5.6 million** for PA
- **\$1.8 million** awarded in September for FY 2022
- Of that, \$800,000 must be put toward any of the four pilot counties (Adams, Franklin, York, and Lancaster)
- The remaining must be allocated to projects in “most effective basins” with focus on disadvantaged communities



## Clean Energy Programs

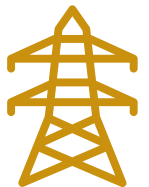
Federal Department of Energy is setting up **60** new programs

IJA provides **\$186 million** for Weatherization Programs in Pennsylvania



The State Energy Office anticipates receiving funds for:

- **\$14 million** for the State Energy Program
- **\$3.7 million** for the Energy Efficiency Loan Capitalization Grant
- **\$3 million** for Building Codes Implementation for Efficiency and Resilience
- **\$12.8 million** for Energy Efficiency and Conservation Block Grant
- **Over \$40 million** for building a more resilient electricity grid in PA (**\$8.1 million** annually)



Thank you!

