## **BUILDINGS | BIPARTISAN INFRASTRUCTURE LAW**





# Impact of Resilient and Efficient Codes Implementation

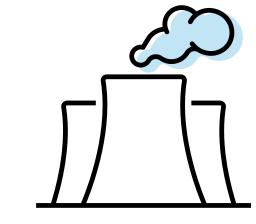


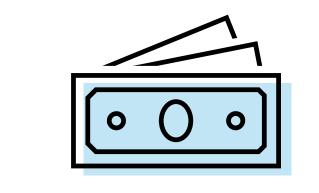
## **Infrastructure Investment and Jobs Act**

The Infrastructure Investment and Jobs Act provides a historic opportunity to advance the efficiency and resilience of building energy codes in states and local jurisdictions throughout the United States. Funding has been appropriated to "eligible entities to enable sustained" cost-effective implementation of updated building energy codes" through a competitive grant process over five years (FY22-FY26). Eligible teams must include a relevant state or tribal government agency, and priority will be given to teams that include strategic partnerships. Projects must be tied to an updated building energy code.



## **Estimated 5-Year Impact**





### **161 MMT** CO2 Reduction

#### \$25,708 Million Energy Cost Savings

1,338 TBTU Site Energy Savings

## 26 States + DC **800+ Jurisdictions**

60

#### **Population Impacts**

• Ten direct code updates

## **Areas of Interest and Targeted Outcomes**



#### Support State and Local Code Adoption

• Foundational step to realizing benefits of codes



#### Advance Innovative Policies and Tools

Opportunities for replication and increased benefits



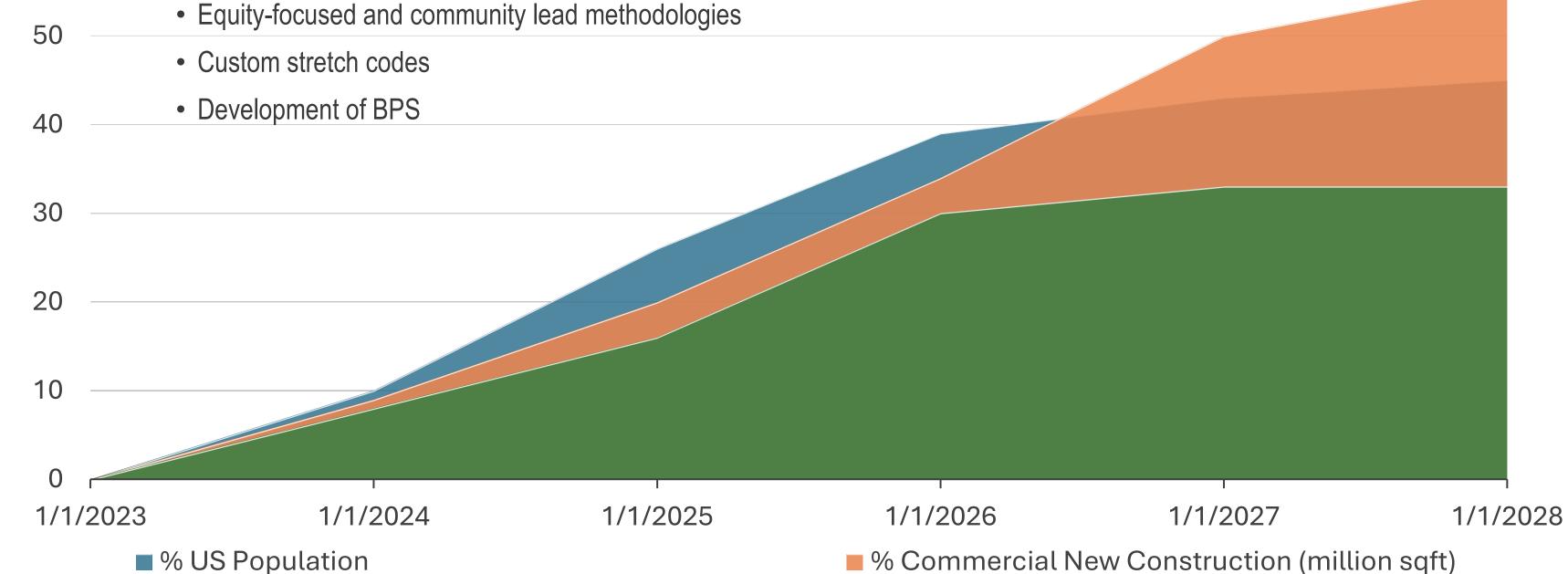
Increase Equity and Community Participation





**Develop Next-Generation Workforce** 

• Enrich code implementation with quality, good-paying jobs



% Residential New Construction (dwelling units)

## 8,264 people trained 440 new resources developed

- Enhanced energy code trainings
- Tailored code resources by audience
- Local in-person and web-based training modules
- Support for retraining and upskilling
- Replicable workforce development curricula

## **204 Project Partners**

• 12 partner types



Improve Energy Code Compliance

Maximize cost-effective implementation and impacts



Strengthen Partnerships

• Effective, strategic partnerships support lasting change



**Principal Investigator (PI)** | Kim Cheslak **PI Email** | *kim.cheslak@pnnl.gov* 

**PROGRAM OFFICE LEAD** | Jeremy Williams Supported by DOE Building Energy Codes Program

**PROJECT TEAM** | Ian Blanding (DOE), Billierae Engelman (DOE), Christopher Perry (DOE), Molly Curtz (PNNL), Ellen Franconi (PNNL), Mark Lyles (PNNL), Kevin Madison (PNNL), Andrea Mengual (PNNL), Mike Turns (PNNL), Weili Xu (PNNL), Paula Zimin (PNNL)

