

Circular Economy

Positioning Richmond to Lead Virginia's Circular Economy Revolution



WHAT IS A CIRCULAR ECONOMY?

An economic system that aims to minimize waste and pollution by keeping products, materials, and resources in use for as long as possible through strategies like reuse, repair, refurbishment, remanufacturing, and recycling.



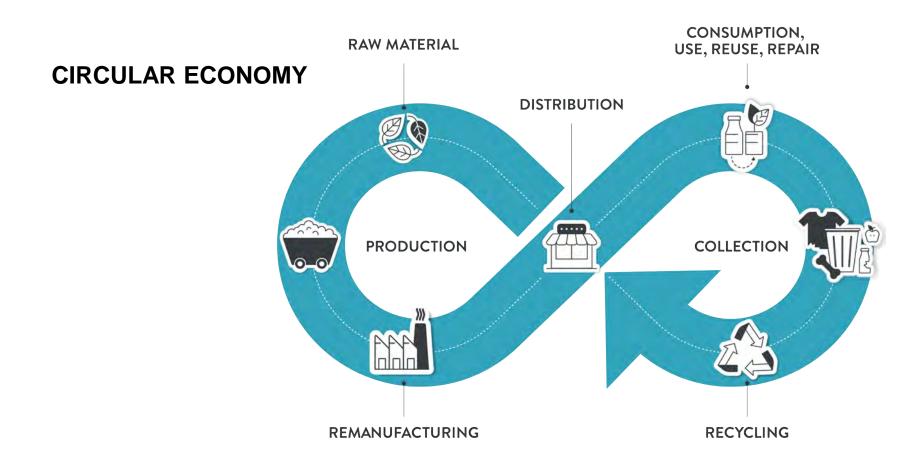
TRANSFORMING HOW WE THINK ABOUT WASTE

LINEAR ECONOMY





TRANSFORMING HOW WE THINK ABOUT WASTE





WHY ARE CITIES LEADING THIS REVOLUTION?

Cities are uniquely positioned to drive circular economy transformation because they control key levers:



DIRECT FINANCIAL INCENTIVES



CONVENING AUTHORITY



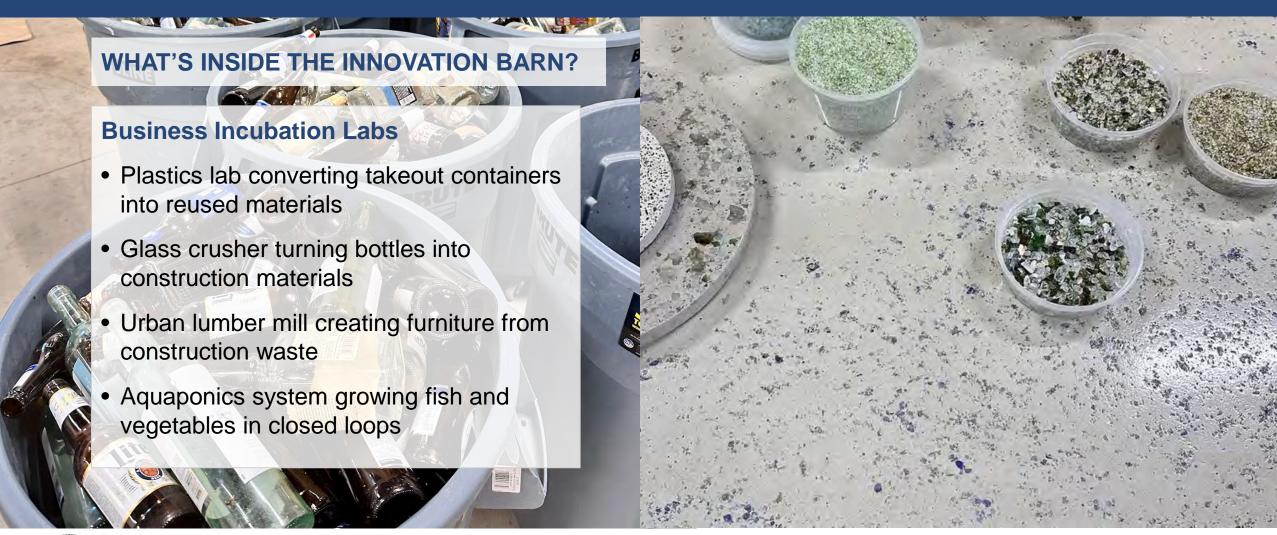
INFRASTRUCTURE CONTROL



AMERICA'S FIRST CIRCULAR ECONOMY INNOVATION CENTER



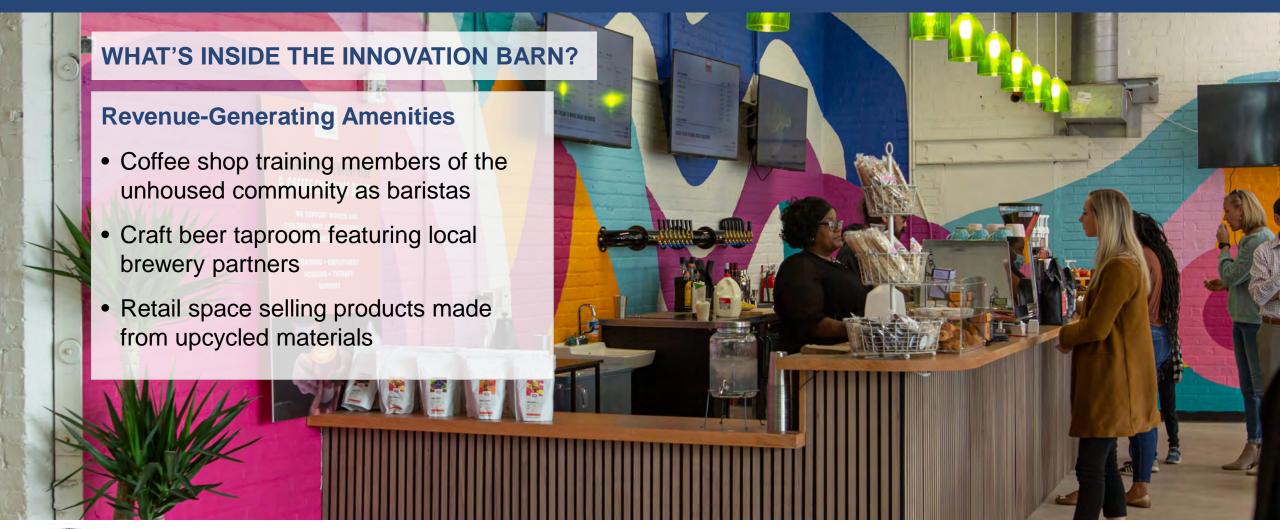




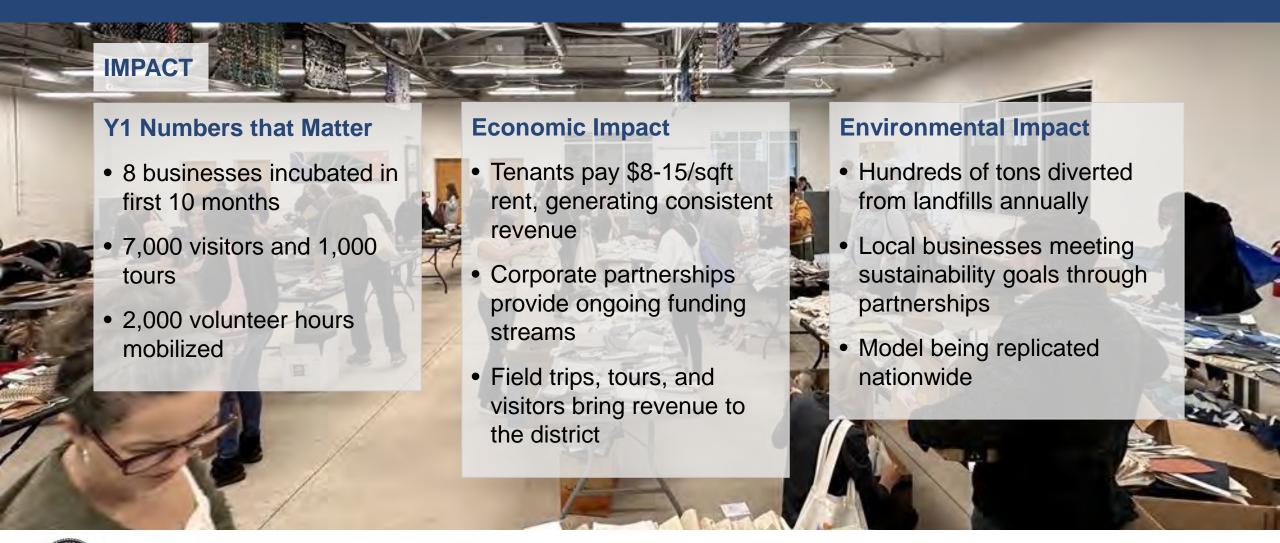














WHY RICHMOND IS PRIMED AS A CIRCULAR ECONOMY HUB

Our unique competitive advantages



UNIVERSITY PARTNERSHIPS



BIOTECH INDUSTRY



BUILDING STOCK ADAPTIVE REUSE



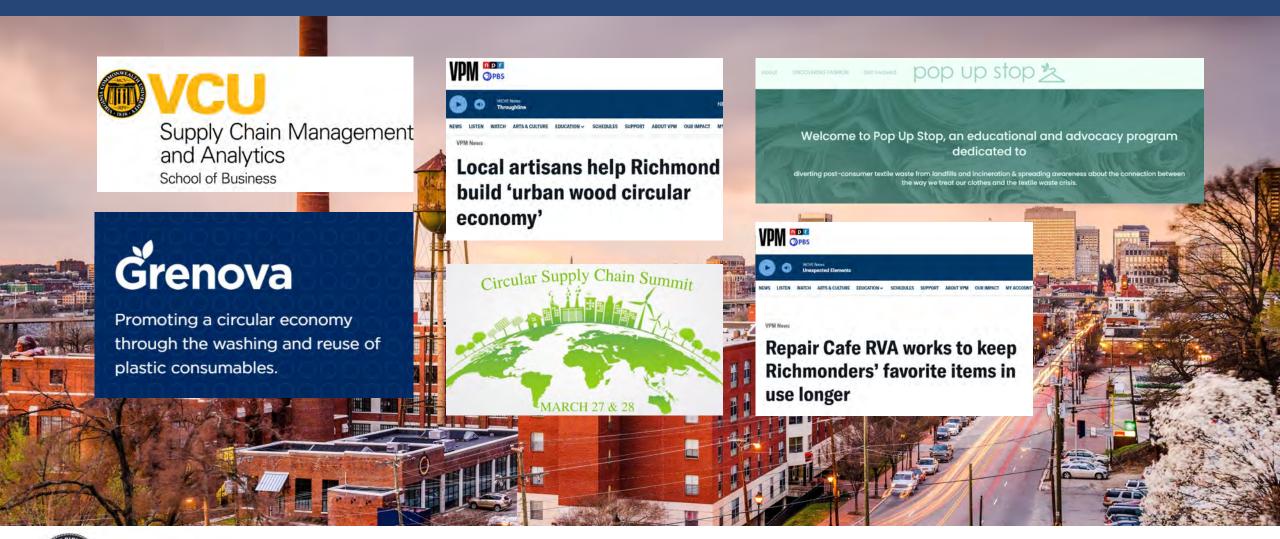
STRATEGIC LOCATION



MANUFACTURING HERITAGE

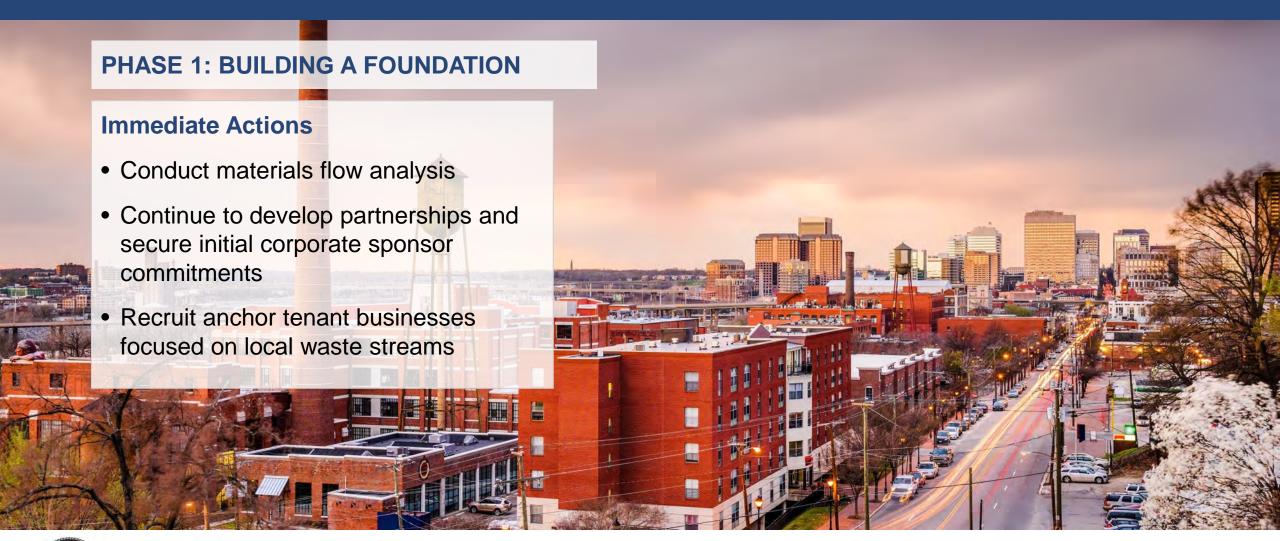


POSITIONING RICHMOND AS CIRCULAR ECONOMY LEADER





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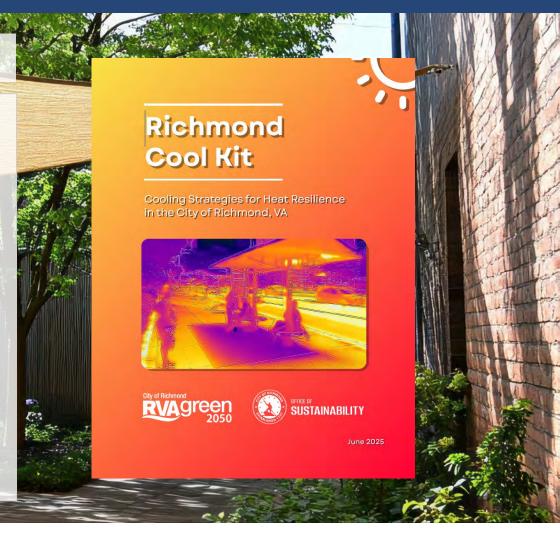
RICHMOND COOL KIT

COOLING STRATEGIES FOR HEAT RESILIENCE

Guidebook of 25 evidence-based cooling strategies that can reduce surface temperatures in urban and suburban settings.

Cool by Design

- Urban Greening trees, green infrastructure, blue space.
- Shade built shade sails and shade structures
- Smart Surfaces light-colored surfaces, heat-resistant materials
- **Depaving** impervious surface removal





RICHMOND COOL KIT

