

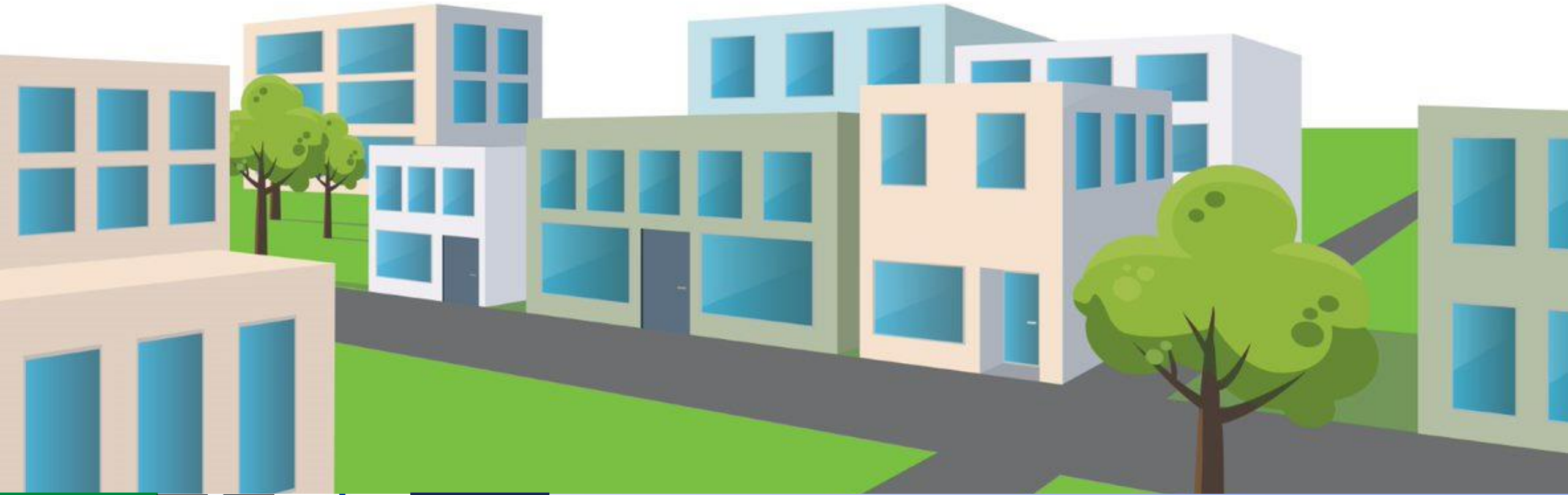
CONSORTIA INTERIM PROGRESS REPORTS

Missouri University of Science & Technology



A-EEE (Assessment after Engagement, Education & Experiential-learning)

*Consent-based Siting Consortia – Quarterly Meeting #4
May 22 and 23, 2024*



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This project is being funded in part by the U.S. Department of Energy (DOE). The DOE Nuclear Awardee logo was developed by DOE to indicate receipt of DOE funding. Not an endorsement by DOE.
DOE's Consent-based Siting for Interim Storage Program: DE-FOA-0002575



U.S. DEPARTMENT
OF ENERGY
NUCLEAR
AWARDEE™

A-EEE

(Assessment after Engagement, Education & Experiential-learning)

Saint Louis (MO)
Legacy Site

MISSOURI
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UNIVERSITY™

Urbana Champaign
(IL)



Overall Project Progress



- **Status of Saint Louis Legacy Site**
 - Overall, very good progress.
 - Many outreach efforts were made.
 - Strong pushback from the community stakeholders impacted by legacy waste.
 - Significant mistrust and misunderstanding about the role of this project.
 - Many interfering activities (e.g., congressional efforts) further complicating the atmosphere of the community making it hard to reach.
- **If project scope has shifted, please include:**
 - Proposal contingency plan is invoked to hire a public engagement consultant



Overall Project Progress

- **University of Illinois**
 - Overcame delays in initial contracting
 - Tasks on schedule as proposed



Key Developments



- An extensive campaign was conducted to reach out to the community to increase awareness about our efforts. (Dates in the following tables)
- Subsequently, two public engagement meeting were arranged (Pre-listening session).
- Other activities were attended by the PI and other members of the project team to advertise our activities.
- StoryMap is up and running
- Community Survey Design is completed – 12 key questions plus demographic questions



Legacy Waste Sites - St. Louis

A brief overview of sites and demographics

Updated - April 25, 2024
March 13, 2024



SCAN ME

Key Developments

- **University of Illinois major accomplishments to date**
 - Developed education material for the topic of Risk analysis
 - Developed survey protocol and interview methodology
 - Initial software development for UQ and big data techniques for analyzing public opinion data



Key Observations

- Legacy Site community members believe they have been wronged.
- There is some truth to this community belief among stakeholders.
- Our project's motivation is perceived as a federal government effort to appease the community.
- Engaging with us may potentially harm them from receiving federal compensation.
- There is excessive outreach from various agencies and groups.
- The NRC is also conducting an opinion survey.



MISSOURI INDEPENDENT

CANNABIS CRIMINAL JUSTICE ENERGY • ENVIRONMENT HEALTH CARE EDUCATION ELECTION 2024

ATOMIC FALLOUT ENERGY • ENVIRONMENT GOVERNMENT • POLITICS

Five revelations about St. Louis' history with radioactive waste

BY ALLISON KITE - JULY 12, 2023 9:53 AM



Photos taken in 1960 of deteriorating steel drums containing radioactive residues near Coldwater Creek, by the Mallinckrodt-St. Louis Sites Task Force Working Group (State Historical Society of Missouri, Kay Drey Mallinckrodt Collection, 1945-2006).

ATOMIC FALLOUT

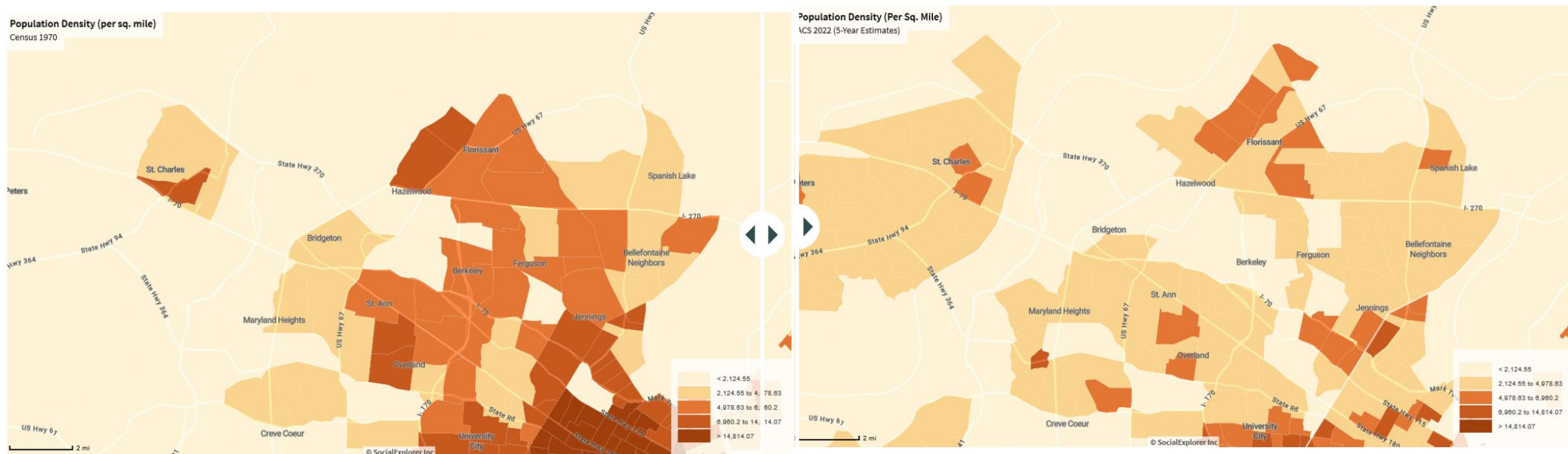
A joint investigation by The Independent and MuckRock.

The Missouri Independent and MuckRock spent months scouring thousands of pages of government records about St. Louis' involvement in the race to build an atomic bomb during World War II and decades of environmental contamination that followed.

Journalists sought to lay bare the degree to which government officials knew of the spreading contamination and the danger it posed to St. Louis County residents.



Key Observations- Significant Population Loss



Left (1970) Changes in Population Density Right (2022)

Left (1970) Changes in Population Density Right (2022)



Key Observations

- University of Illinois Key Observations – awaiting execution of public survey



Engagement



- Community Leaders –Key figure in Saint Louis working with families and children in the public-school districts in the region. E.g., Art McCoy
- St. Louis Anchor Action Network
- University of Missouri – St. Louis
- Community College in the impacted region
- St. Louis Public Libraries
- Local CBS station has a desire to cover community engagement project. We are waiting until the community agrees to the coverage.
- Local churches in the impacted region
- Community Groups - Just Moms, Missouri Coalition for the Environment, etc.



Public Outreach

Pre-Listening Session

First of three sessions

JOIN US!

LEGACY WASTE SITES IN ST. LOUIS



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UNIVERSITY

Scan Here
to RSVP



WHAT'S HAPPENING?

An opportunity to collaborate with researchers interested in listening to those who live in and near areas of legacy waste sites in St. Louis. This will be the first of a series of meetings encouraging community participation.

Rock Road
Branch Library

MARCH 18

6:30 - 7:30 pm

10267 St. Charles Rock Road, St. Ann

Hosted by Missouri S&T and St. Louis University

Engagement Details



What is the engagement?	Date	Location	Brief description (if not in previous slides)	# of Participants
Just Moms STL	11- Mar	Email invitation	No response	Flyer Dropped
Missouri Coalition for the Environment Prairie Commons Branch	11- Mar	Email invitation moenviron@moenvironment.org	No response	Flyer Dropped
Missouri Coalition for the Environment Florissant Valley Branch	11- Mar	Email invitation jmcbride@slcl.org	No response	
Missouri Coalition for the Environment Bridgeton Trails Branch - Jennifer McBride	11- Mar	Email invitation jmcbride@slcl.org	No response	
Missouri Coalition for the Environment Rock Road Branch	11- Mar	Email invitation jmcbride@slcl.org	No response	

Engagement Details



What is the engagement?	Date	Location	Brief description (if not in previous slides)	# of Participants
St. Martin de Porres Catholic Church	11- Mar	Email invitation frlijostmartin@gmail.com	No response	Closed
Florissant Valley Christian	11- Mar	Email invitation fvcc@swbell.net	No response	Closed
Calvary Bible Church of Florissant	11-Mar		No response	
Lutheran Church of Atonement	14-Mar	Closed	No response	
Life Point Florissant	14-Mar	Closed	No Response	
Hazelwood PTA	14-Mar	Emailed	No Response	

Engagement Details



What is the engagement?	Date	Location	Brief description (if not in previous slides)	# of Participants
Just Moms STL	22- Mar	Email invitation	No response	Flyer Dropped
Missouri Coalition for the Environment Prairie Commons Branch	22- Mar	Email invitation moenviron@moenvironment.org	No response	Flyer Dropped
Missouri Coalition for the Environment Florissant Valley Branch	22- Mar	Email invitation jmcbride@slcl.org	No response	
Missouri Coalition for the Environment Bridgeton Trails Branch - Jennifer McBride	22- Mar	Email invitation jmcbride@slcl.org	No response	
Missouri Coalition for the Environment Rock Road Branch	22- Mar	Email invitation Email invitation jmcbride@slcl.org	No response	Flyer Dropped

Engagement Details



What is the engagement?	Date	Location	Brief description (if not in previous slides)	# of Participants
St. Martin de Porres Catholic Church	22- Mar	Email invitation frlijostmartin@gmail.com	No response	Closed
Florissant Valley Christian	22- Mar	Email invitation fvcc@swbell.net	No response	Closed
Calvary Bible Church of Florissant	22- Mar		Yes - made contact w/ staff	Flyer Dropped
Lutheran Church of Atonement	22-Mar	Closed	No response	Closed
Life Point Florissant	14-Mar	Closed	No Response	

Engagement Details



What is the engagement?	Date	Location	Brief description (if not in previous slides)	# of Participants
Florissant Valley Baptist Church	22- Mar	Email invitation fvbc@fvbcweb.com	No response	Flyer Dropped
Sacred Heart Church of Florissant	22- Mar	Email invitation gschocklee@sh- flo.org	No response	Flyer Dropped
Hazelwood PTA	22-Mar	Emailed	No Response	
Our Lady of Guadalupe	22-Mar	Emailed olg_parish_secretary@yahoo.com	No Response	
Hazelwood Community Center	22-Mar	Physical flyer		Physical flyer

Engagement Details



What is the engagement?	Date	Location	Brief description (if not in previous slides)	# of Participants
Pre-Listening meeting	18-Mar	The St. Charles Rock Road Library will host the 1 st	Open floor discussion following a brief presentation	2 community member
Pre-Listening meeting	18-Mar	The St. Charles Rock Road Library will host the 2 nd	Open floor discussion following a brief presentation	0 community member





Engagement

- University of Illinois Engagement – awaiting approval of the University Institutional Review Board (IRB), All research involving human subjects that is conducted at or sponsored by the University of Illinois at Urbana-Champaign, whether funded or unfunded, must comply with applicable policies for the protection of human subjects. The IRB follows widely accepted ethical principles, legally binding federal regulations, campus policies, procedures, and practices, and other guidelines in carrying out this important responsibility.



Hired Public Engagement Consultant

Push vs. Pull Approach

Door to door invitation

Incentive with \$\$

PRESENTED BY
UMSL
MISSOURI S&T
ST. LOUIS UNIVERSITY

LEARN INFLUENCE GET PAID

Learn more about legacy waste site contamination

A COMMUNITY EVENT INTRODUCING
A COLLABORATIVE RESEARCH PROJECT.

You will learn more about:

- weapons waste in the St. Louis Area
- the process of nuclear fuel production
- health risks and consequences
- radiation levels and testing in your area

**HEAR MORE ABOUT THE
PROJECT, ASK QUESTIONS,
AND GIVE FEEDBACK**

Monday June 4th 2024

7:00pm - 8:00pm

**UMSL - Recreation and
Wellness Center - Studio 2**

RSVP Here
to Save
Your Spot !



Engagement Details



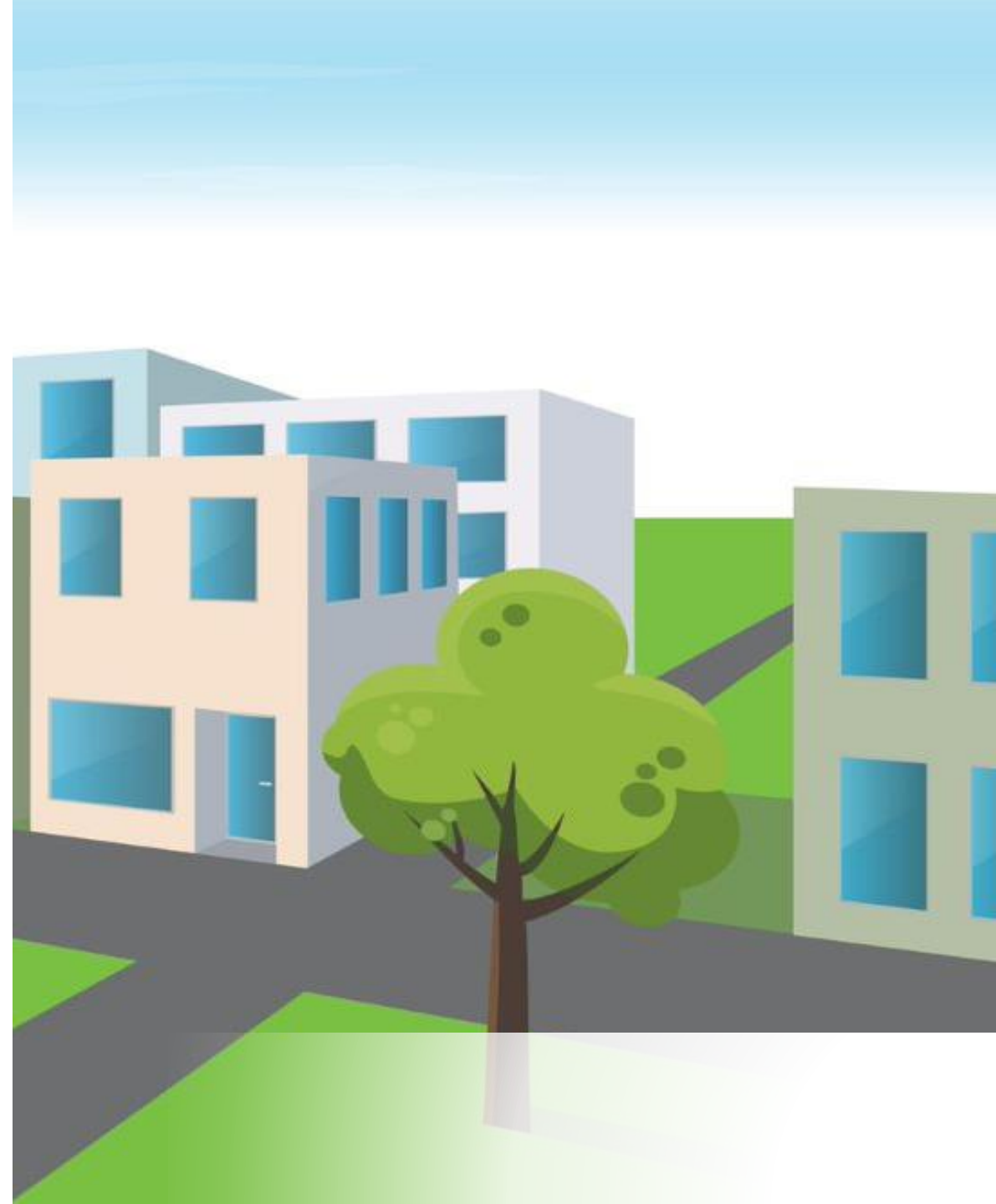
What is the engagement?	Date	Location	Brief description (if not in previous slides)	# of Participants
Pre-Listening Session 3 [In-person]	June 4	UMSL - Recreation Center - Studio 2	Last of the Pre-Listening	
FUSRAP Community Meeting	12-Jun	4575 Washington St, Florissant, MO	Open house of Corp of Engineering meeting	
Door to Door – Campaign style visit	14-Jun	Meeting place / walking route TBD		
Door to Door – Campaign style visit	19-Jun	Meeting place / walking route TBD		
8 Workshops	July/Aug	Meeting place / walking route TBD	1 hour workshop with pre and post survey	

Next Steps



The next three months are important:

- One more listening session – June 4th
- Door to Door information campaign – June
- 8 Educational Workshops July/August with pre and post surveys

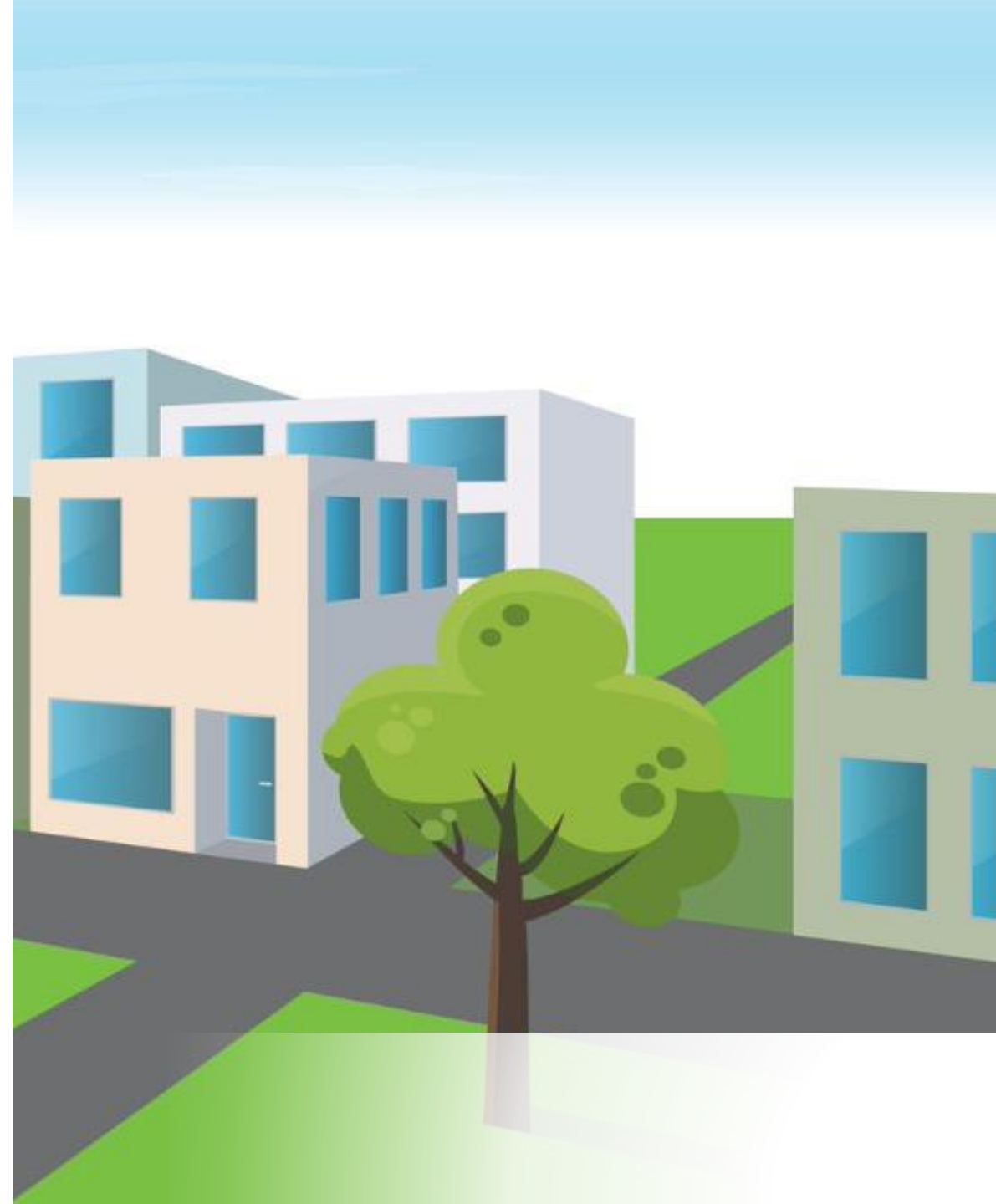


Next Steps



- **University of Illinois**

- New Illinois and US survey of nuclear power and spent fuel siting preferences, with evaluation of impact of educational content
- Newly developed software for big data analysis of public preferences
- Development of educational material for public engagement



For questions or comments related to this consortium, please contact

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Phone: (573) 341 4745

For more information, visit us at energy.gov/consentbasedsiting

