



# PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

•OSU Endeavor Center • 1862 Shyville Road • Piketon, Ohio 45661 • (740) 289-5249 •

## Proposed Agenda for the November 3, 2011 Board Meeting

<b>Chair</b> Richard H. Snyder	<b>6:00</b> Call to Order, Introductions	
<b>Vice Chair</b> Val E. Francis	Review of Agenda	
	Approval of October Minutes	
<b>Board Members</b> Shirley A. Bandy	<b>DDFO Comments</b>	<b>--15 minutes</b>
L. Gene Brushhart	<b>Federal Coordinator Comments</b>	<b>--10 minutes</b>
Lindy A. Coleman	<b>Liaison Comments</b>	<b>--10 minutes</b>
Martha A. Cosby	<b>Presentation – Waste Disposition &amp; Future Land Use - Karen Price</b>	<b>--20 minutes</b>
Ervin S. Craft	<b>Update – Ohio University Progress</b>	<b>--20 minutes</b>
Franklin H. Halstead	<b>Update - FLUOR B&amp;W Community Commitment Plan - Jerry Schneider</b>	<b>--10 minutes</b>
William E. Henderson II	<b>Administrative Issues</b>	<b>--25 minutes</b>
Brian F. Huber	Subcommittee Updates	<b>-- 5 minutes</b>
Michael J. Lilly	<b>Public Comments</b>	<b>--15 minutes</b>
Sharon E. Manson	<b>Final Comments from the Board</b>	<b>--10 minutes</b>
Daniel J. Minter	<b>Adjourn</b>	
R. Daniel Moore		
Michael E. Payton		
Cristy D. Renner		
Roger G. Scaggs		
Terri Ann Smith		
<b>Deputy Designated Federal Official</b> Joel Bradburne		
<b>DOE Federal Coordinator</b> Greg Simonton		

**Support Services**  
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*Chartered as an EM Site Specific Advisory Board under the Federal Advisory Committee Act*



## PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

Minutes of the November 3, 2011, SSAB Meeting • 6:00 p.m.

**Location:** The Ohio State University Endeavor Center, Room 160, Piketon, Ohio

**Site Specific Advisory Board (SSAB) Members Present:** Richard Snyder, Val Francis, Martha Cosby, Ervin Craft, Franklin Halstead, Brian Huber, Daniel Minter, Michael Payton, and Cristy Renner

**SSAB Members Absent:** Shirley Bandy, Gene Brushart, Lindy Coleman, William Henderson, Michael Lilly, Sharon Manson, Dan Moore, Roger Scaggs, and Terri Ann Smith

**U.S. Department of Energy (DOE) and Contractors:** Joel Bradburne, Greg Simonton, and Rich Bonczek, DOE; Julie Galloway, and Cindy Lewis, EHI; Rick Greene, Janie Croswait, Restoration Services, Inc. (RSI); Jerry Schneider, John Sokol, Marc Jewett, Mark Johnson, Karen Price, Dennis Carr, J.D. Chiou, Jennifer Chandler, Jerrod Parker, Shane Tatt, David Armstrong, and Deneen Revel, Fluor B&W

**Board Liaisons and Related Regulatory Agency Employees:** Maria Galanti, Ohio Environmental Protection Agency (Ohio EPA); Mike Rubadue, Ohio Dept of Health

**Facilitator:** Eric Roberts, EHI

**Public:** Stephanie Howe, Scott Miller and Anil Ruhil, Ohio University; Geoffrey Sea, SONG; David Manuta, Jim Thomson, Danielle Nameth, Senator Brown Representative; Maureen Fischels, Raymond Fischels, Emma Fischels, and Josh Lamerson

Approved by Richard Snyder, Board Chair

A handwritten signature in black ink that reads "Richard W. Snyder". The signature is written over a horizontal line.

Richard Snyder

**Call to Order:**

*Francis* called the meeting to order.

*Roberts* welcomed everyone and stated he would be facilitating the meeting. There will be a public comment period after the administrative issues. The Board should stay within its defined Scope and follow the Meeting Ground Rules adopted.

**October Minutes:**

*Roberts* called for any modifications or proposed changes to the October Minutes.

- *Halstead* motioned to approve the October Minutes as presented, ***Motion seconded.***
  - ***Motion carried, Minutes approved***

**DDFO Comments:** *Bradburne* presented the DDFO

- Plant Updates
  - X-333 Bulk
  - Asbestos Abatement
  - Groundwater Remediation
  - X-611A Prairie
  - Onsite Disposal Cell
  - Siting Evaluation
  - Waste Disposition
  - Investment Recovery
  - Groundbreaking at Infra-Metals
  - USEC Facility De-Lease Update
  - Depleted Uranium Hexafluoride (DUF6)
  - Conversion Facility
- Regulatory Progress
  - Decision Documents
- Public Outreach
  - Science Alliance
  - Site Tours
- Calendar

*A copy of the above-stated presentation is available on the SSAB website.*

<b><i>Question/Comment:</i></b>	<b><i>Answer:</i></b>
<i>Cosby</i> asked is Infra-Metals hiring and what type of jobs are they?	<i>Bradburne</i> stated the jobs are processing, operating, warehouse, and maintenance. The groundbreaking has just happened so I assume the project is completed on time the building will be finished in January the hiring process will start after that.
<i>Huber</i> asked does DOE do audits on SODI's funds.	<i>Simonton</i> stated DOE does an audit on the recycling funds. The first audit has been completed with the results of compliance.

**Federal Coordinator Comments:**

*Simonton* stated the department received feedback from several teachers on how well the science alliance helped their students. Several of the displays helped the students realize college opportunities. DOE participated in another community fundraiser, which was Donkey Basketball. Julie Galloway engaged the contractor and DOE to participate that helped Piketon Jr. and Sr. Prom raise \$1,700 dollars.

**Liaison Comments:**

**Ohio Environmental Protection Agency (Ohio EPA):**

*Galanti* encouraged the Board to request summaries of the EE/CA's and the RI/FS's so they could make comments on these documents.

**Ohio Department of Health:**

*Rubadue* stated the ODH is continuing communication with the Department of Energy.

**Presentation: Price** presented Waste Disposition & Future Land Use Information Portfolio

- Waste Disposition
  - RI/FS Scope and Purpose
  - Description and Scope of Alternatives
  - Waste Streams and Volumes
  - Recycling Criteria
  - Compliance with Other Laws and Waivers
  - Long-Term Protectiveness
  - Waste Acceptance Criteria
- Future Use
  - Overview of post Cleanup configuration planning
  - Assumptions for Proposed Post-Cleanup Configuration
- Cleanup Levels
  - Future User Description of Alternatives

*A copy of the above-stated Information Portfolio is available on the SSAB website.*

**Presentation: Miller, Howe, and Ruhil** presented PORTSFUTURE

- PORTSfuture Project Summary
- Project Summary
  - Regional Population
  - Phase 1:
    - Activities
    - Community-Based Research Focus Groups
  - Phase 2:
    - Creating the Vision
    - Role of Site in Future Community Vision
    - Biggest problems facing your community?
    - Scenario Development
    - Scenario Rating Process
    - Final Scenarios
  - Phase 3:
    - Industrial Park
    - Green Energy Production
    - Multi-use Southern Ohio Education Center
    - National Research and Development
    - Training and Education
    - Greenbelt
    - Warehousing Distribution & Transportation Hub
    - Nuclear Power Plant
    - Metal Recovery
- Economic Analysis
- IMPLAN Model
- Economic Analysis
- Public Vetting Activities
- Website Views
- Summary of Media Activity
- Voting Results
- Public Vetting Survey Coverage
- Scenario Preferences
- Value-Added
- Next Steps

*A copy of the above-stated presentation can be viewed on the SSAB website.*

<b><i>Question/Comment:</i></b>	<b><i>Answer:</i></b>
<b><i>Minter</i></b> stated the area is in need of jobs. The key component is trying to find that driver. Everyone	<b><i>Howe</i></b> stated this program was done by an economic modeling system.

needs to work together to find that key component. Jobs are very important in the area.	
<b>Snyder</b> asked if the nuclear power plant was the only scenario on the impact that did not have value added scenarios bubbles broken out from it.	<b>Howe</b> stated if that was something to be developed, the advisory board discussed the bubbles that are broken out on the scenario. The scenario can be combined.

**Presentation:** **Schneider** presented Community Commitment Plan

- Four Categories of Commitment
- Economic Development Work on Track
- Regional Planning Process Progressing
- Regional Profile:
  - Previous Studies
  - Economic Conditions
  - Key Issues
  - Opportunities
  - Initial Recommendations
- Community Commitment Plan Report

*A copy of the above-stated presentation can be viewed on the SSAB website.*

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Francis</b> asked is the information coming from Canup & Associates. The region needs to be working together to help this area economically.	<b>Schneider</b> stated the information in the studies came from Canup & Associates Team.
<b>Minter</b> stated marketing the area is a big factor in helping the area regionally.	<b>Schneider</b> stated the management team from Fluor-B&W is aware of the economy struggle in the region and they are willing to go the extra mile to help this area. DOE management is very willing to help assist Fluor in the process.

**Administrative Issues:**

**Environmental Cleanup and Land Preparation Subcommittee:**

**Renner** stated the Subcommittee had open discussions with SODI about their operations. The Subcommittee decided along with SODI that we did not want a cornfield we want industry.

**Waste Disposition & Recycling:**

**Minter** stated the Subcommittee does not want an on-site waste cell. However, the Subcommittee is looking for a balance, a way to define it, a reason why we would consider accepting an on-site waste cell.

**Public Comment:**

**Fischels** asked could anyone direct me in the right direction of whom I need to contact to discuss the on-site waste cell. My family lives about 500 feet from the proposed on-site waste cell. I am concerned about my property value. I have several questions that I would like an answer however; I understand you cannot answer them during the meeting. How are you contacting the neighbors to let them know about the onsite cell? Where is the on-site waste cell going to be located? Where did the balloon land?

**Manuta** stated DOE has had several planned burns but in the past they have scheduled them in the dry time of the year just be cautious of the time you choose. My company has done some economic development work in West Virginia, which involved some fracking.

**Sea** stated I have three sources of information. One is government accountable for the site states about the bator agreement and how the site is illegal and unconstitutional. The second source is a memo from Ines Triay to Secretary Chu in August of 2009, states that after the loan guarantee has been denied that the USEC employees to stay employed for a couple of years. This program was developed by Triay to keep USEC that this is illegal and I am assuming this is why Triay left the department. The third source is Gregory Fredman testified the entire stimulus programs was a failure. There is a government scandal going on and you as a Board need to start asking questions.

**Final Comments from the Board:**

<b>Question/Comment:</b>	<b>Answer:</b>
<p><b>Huber</b> stated in August we were going to have a artifact study, has there been any plans to reschedule it? Were there any endangered species found in that area? It would be nice to have this study so we can comment on it.</p> <p>Can DOE reclassify some of the materials that are in the landfills? Can you keep us up to date on what materials you find?</p>	<p><b>Price</b> stated the detailed update is scheduled for December.</p> <p><b>Johnson</b> stated the reports would be out before the drillings begin. The borings are very limited and in roadways their will not hurt anything.</p> <p><b>Bradburne</b> stated we have been looking into reclassifying some of the materials already we will keep you update on what we consider reclassified. Fluor is looking into what is in the landfills. Keep in mind if it is classified I cannot speak of it.</p>
<p><b>Snyder</b> stated I have to say I was a little bit jealous at the DOE public meeting; there were so many citizens there. I would encourage that the public that is here tonight get the word out about our meetings. We represent the community, you need to talk to your stakeholders and let them know what you want.</p>	
	<p><b>Bradburne</b> stated Fluor is developing an envoy program to get a face for the fence line public.</p>

**Francis** adjourned the meeting

**Next Meeting Thursday, December 1, 2011, at 6:00 p.m.**

# Community Commitment Plan

Report To: Portsmouth EM Site-specific Advisory Board

November 3, 2011

## Regional Profile: Silver Lining to the Dark Clouds

*By Jerry Schneider, Senior Manager, Public Affairs*

# Four Categories of Commitment

- Educational Outreach
- Community Giving
- Regional Purchasing
- Economic Development

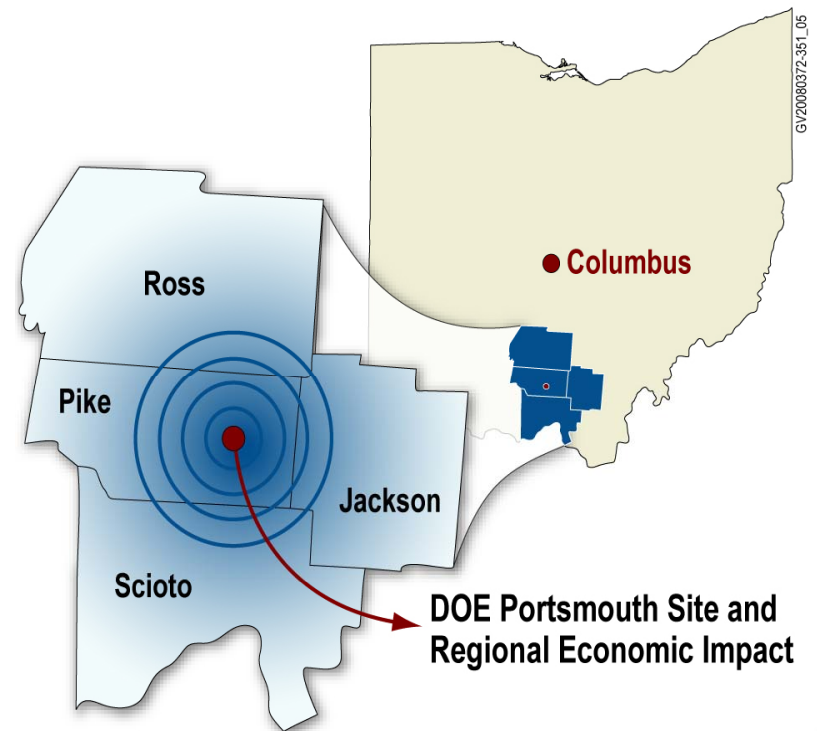




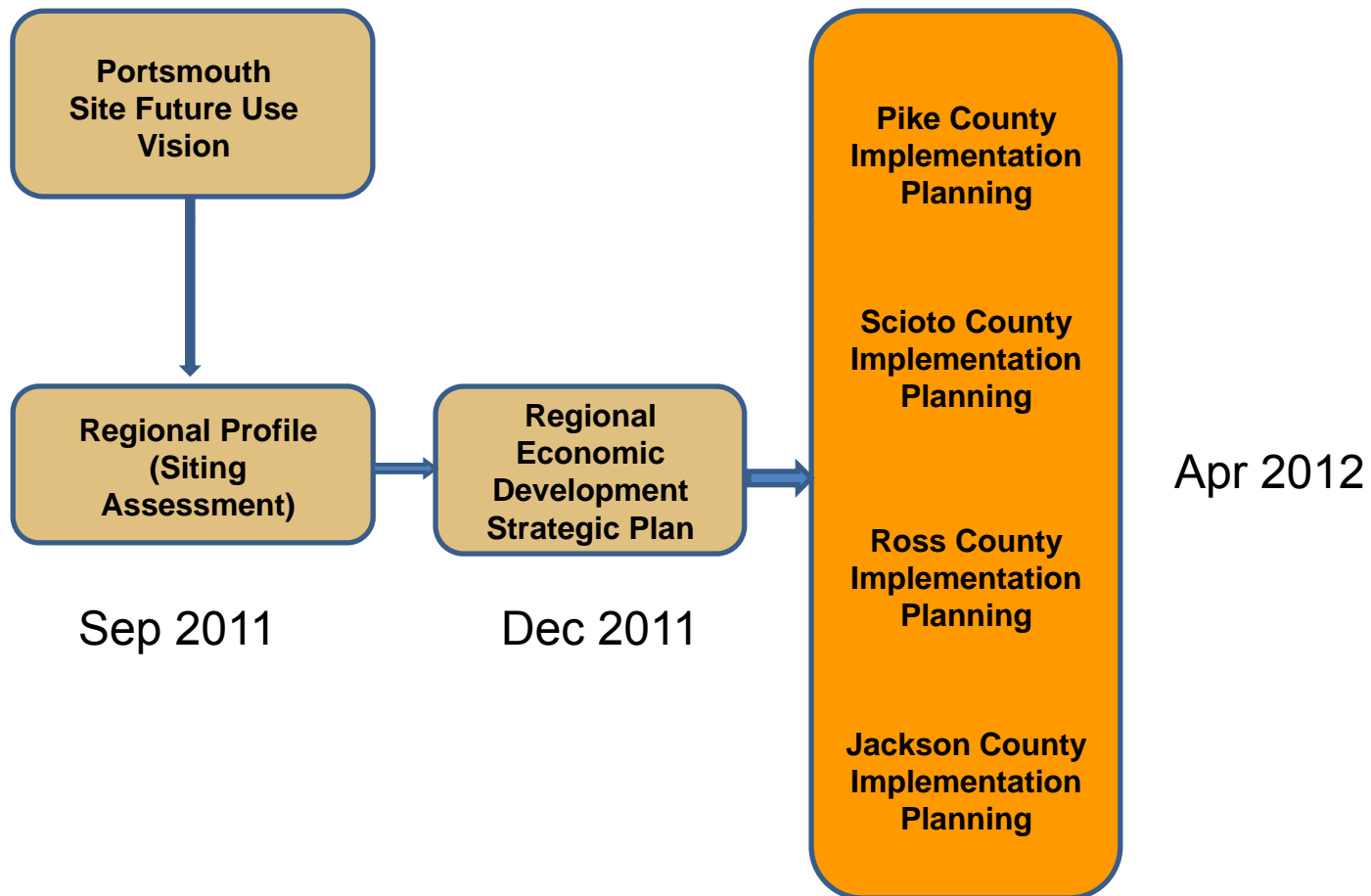
# Economic Development Work On Track

- Contribute to economic stabilization, growth of four counties around Site
- Regional Planning Process  
To identify, showcase counties' combined strengths, capabilities

## Regional Economic Impact



# Regional Planning Process Progressing



## Regional Profile: Previous Studies

- Portsmouth economy peaked in 1940s
- Previous planning studies date to 1950s
- General decline in economic well being over the last three decades
- Multiple failures to prepare, implement economic development “responses”
- Lack of regional cooperation impediment to economic progress

## Regional Profile: Economic Conditions

- ↓ Net 5,500 jobs lost since 1999
- ↓ 6,400 manufacturing jobs lost (39%); 2,000 in Ross County
- ↓ 2,500 losses in finance, insurance, retail
- ↑ 4,000 new Health Care/Social Service sector
- ↑ Increase in professional, scientific positions
- ↑ Major reinvestment by Norfolk Southern Railway
- ↑ Creative re-use of historic structures

## Regional Profile: Key Issues

- Lack of local government support for economic development
- Competition for qualified employees
- Dissatisfaction with industrial services
- Water transportation expected to grow
- Vital for local governments to seek common ground
- Lack of basic information about properties

## Regional Profile: Opportunities

- Lower capital, operating costs
- Rail and water network are assets
- Proximity to Rickenbacker Inland Port
- Re-located workers stayed close to home
- University, technical centers praised
- Excellent facilities, skill sets for energy sector

## Regional Profile: Initial Recommendations

- Increase local government support for Economic Development
- Begin marketing, outreach before full “product” development
- Refine needs, develop data, identify initial marketing targets
- Ensure Southern Ohio regional role represented in new JobsOhio organization

# Community Commitment Plan Report

Questions?

[www.fbportsmouth.com](http://www.fbportsmouth.com)



# PORTSFUTURE

PUBLIC OUTREACH FOR THE SITE OF THE  
FORMER PORTSMOUTH GASEOUS DIFFUSION  
PLANT (PORTS) IN PIKETON, OHIO

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# PORTSfuture Project Summary

- Ohio University conducted a broad-based public participation process to identify the community's future use preferences for PORTS site
- Community includes residents, economic development entities, environmental groups, nonprofits, and many other stakeholders in the four counties near the plant
- In a regional survey 98% of respondents said the plant is important to the future of the community
- Future-use scenarios were developed by community members & voted on by public-at-large

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# PORTSfuture Project Summary

- Draft report was submitted October 7
- DOE reviewer comments received October 17
- Comment review call held October 19
- Pre-release presentations to DOE, SSAB, FBP October 26 and October 27
- Present to SSAB Full Board November 3
- Refinements to the report will be made then the final report will be submitted to DOE

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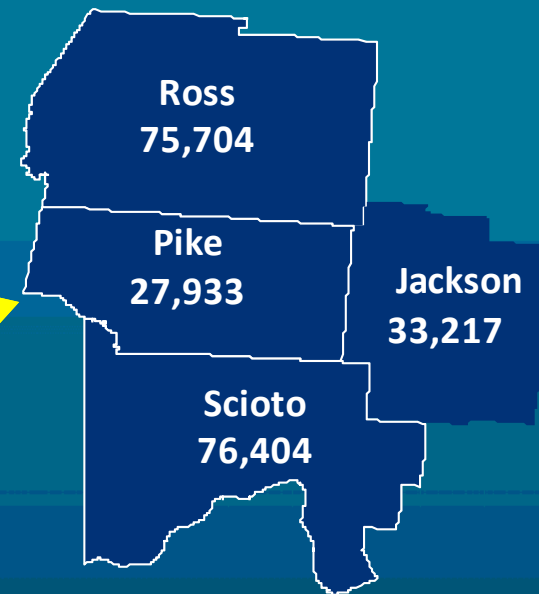
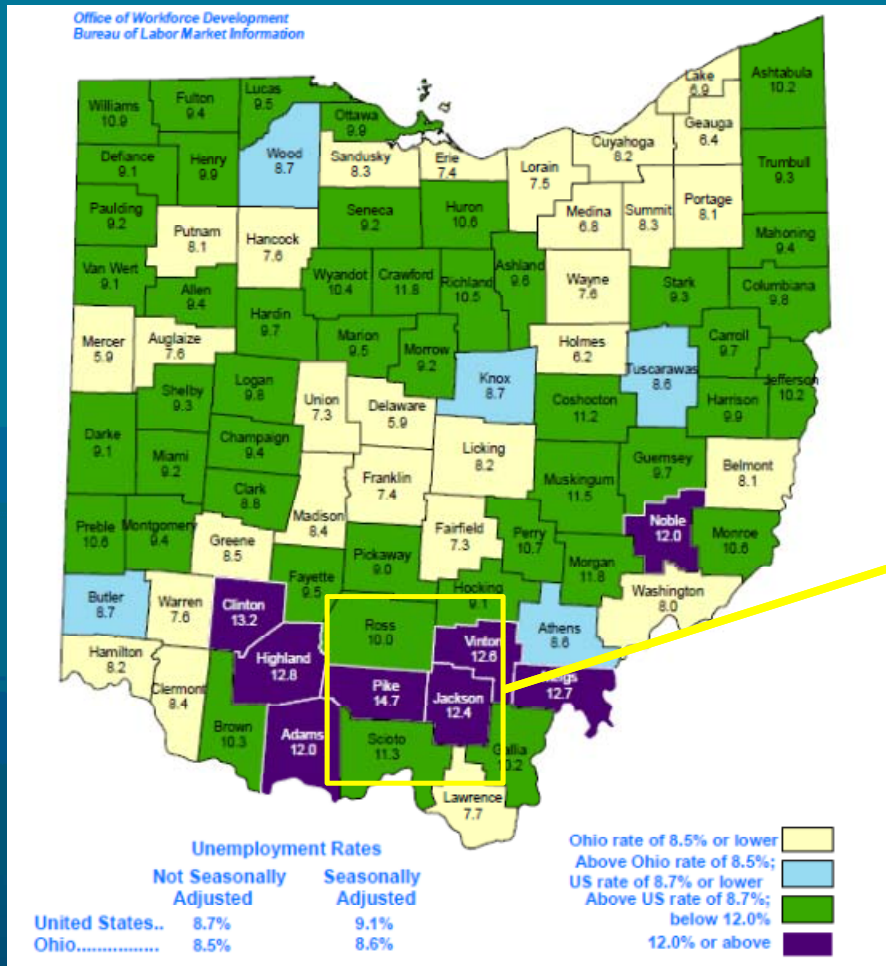
# Project Summary

- Historical background and public participation context
- Phase 1: Stakeholder identification
- Phase 2: Scenario creation
- Phase 3: Scenario voting

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# Regional Population



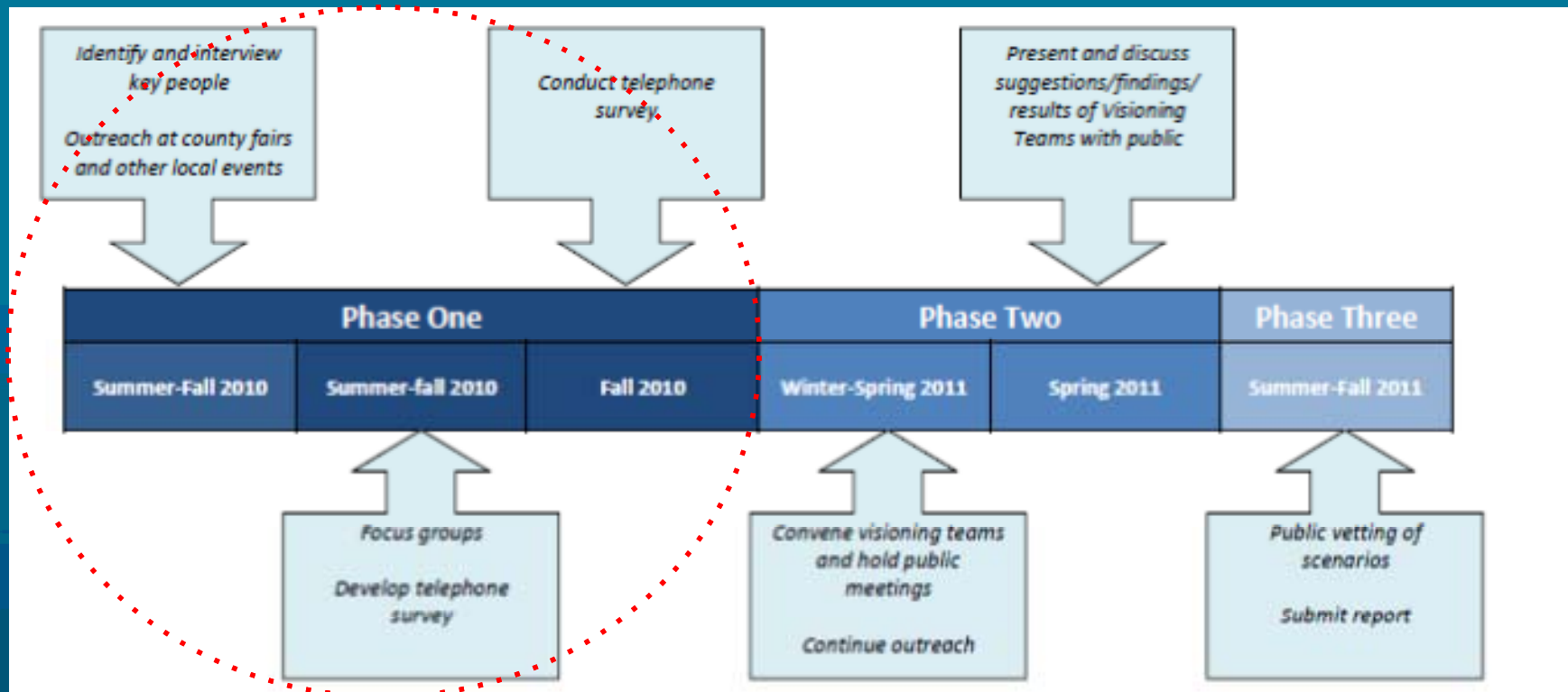
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Unemployment Rates, 2011

# PHASE 1:

## Stakeholder Identification



# Activities

- Key informants interviews
- County fairs
- Website
- Branding
- Community-based research
- Telephone survey



# Community-Based Research: Focus Groups

- **Community Priorities**

- *Ex: Thinking about the four county region, what do you think is the most important issue facing this area?*

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- *Ex: If someone from outside of the region were to ask you about the A-Plant, how would you describe it?*

- **Communication and information**

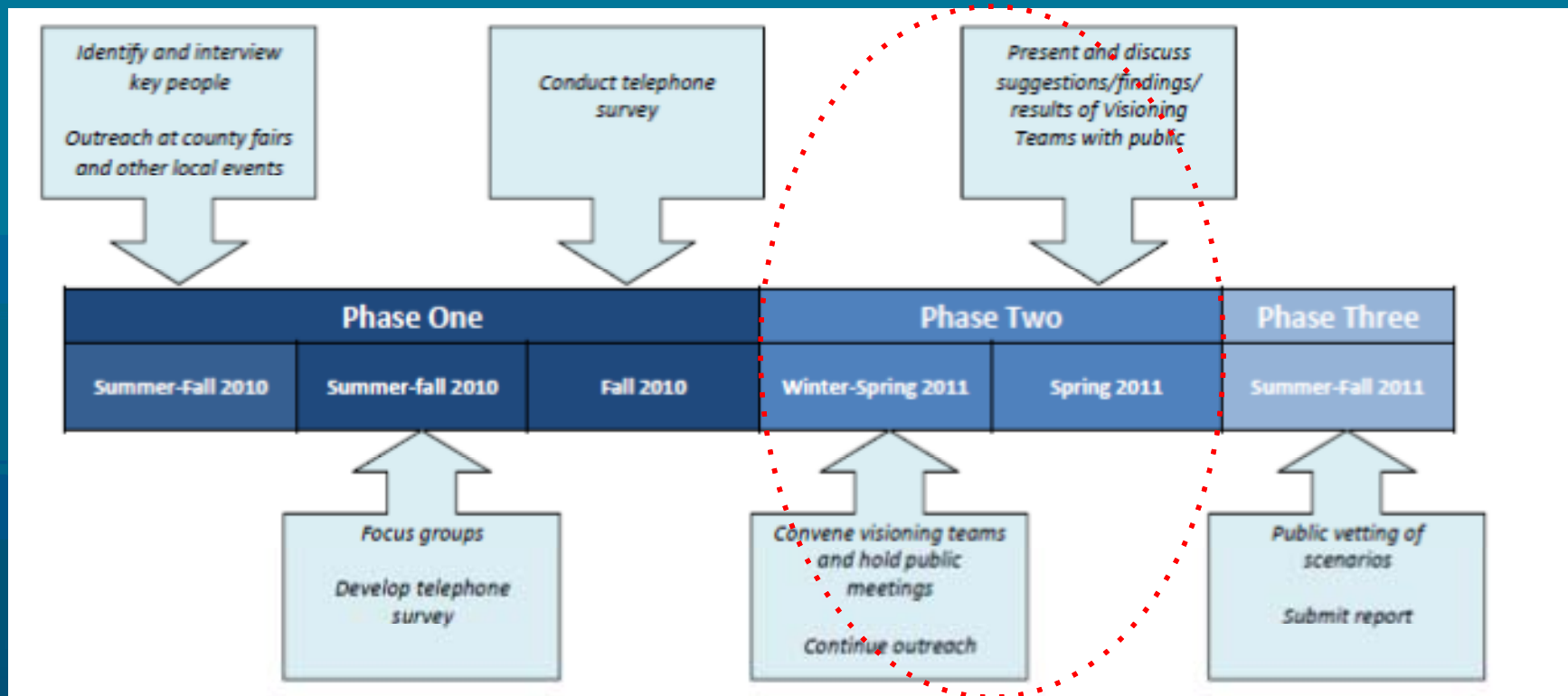
- *Ex: What is the most important source of information about community issues in general and the plant in specific?*

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# Phase 2: Drafting Scenarios



# Creating the Vision

**Advisory  
group**  
June, 2011;  
Participants: **14**

**8 Visioning Team Meetings**  
April, 2011; Participants: **61**  
May, 2011; Participants: **43**

**2 Kickoff Meetings**  
March, 2011; Participants: **102**

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# Role of Site in Future Community Vision

(Summarized from kickoff meetings)

Jobs/Economic Growth

Industrial Reuse

Education

Research and  
Development

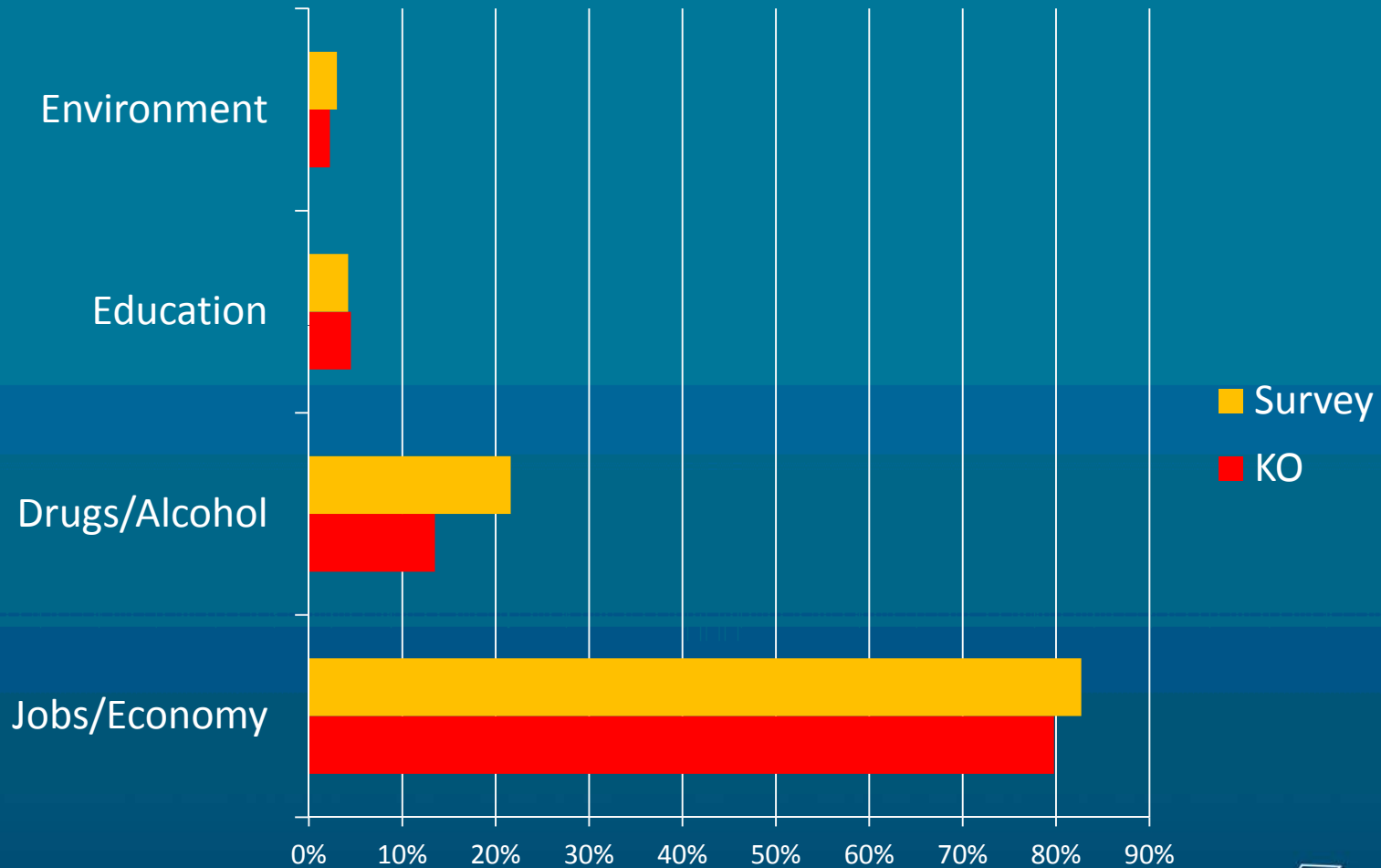
Environmental  
Concerns

Improve  
Quality of Life

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# Biggest problems facing your community?



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# Scenario Development

- **County Visioning Teams**
  - One visioning team per county each held two planning meetings
  - All 4 counties drafted a total of 76 scenarios
  - Each county refined their own scenarios. A total of 19 refined scenarios were submitted to be considered by Advisory Group
- **Advisory Group**
  - Combined 19 scenarios into 9
  - Rated all 9 scenarios

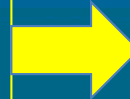
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# Scenario Rating Process

## Criteria

1. Environmental conditions
2. Land/facility encumbrances or compatibility
3. Community support
4. Economic/Market conditions
5. Cost considerations
6. Job creation
7. Public health/environmental impact
8. Overall feasibility



## Rating

On each criterion rated scenario:

- 1 (“Poor fit”)
- 2 (“Good fit”)
- 3 (“Excellent fit”)

Total scores from advisory council ranged from 163-240

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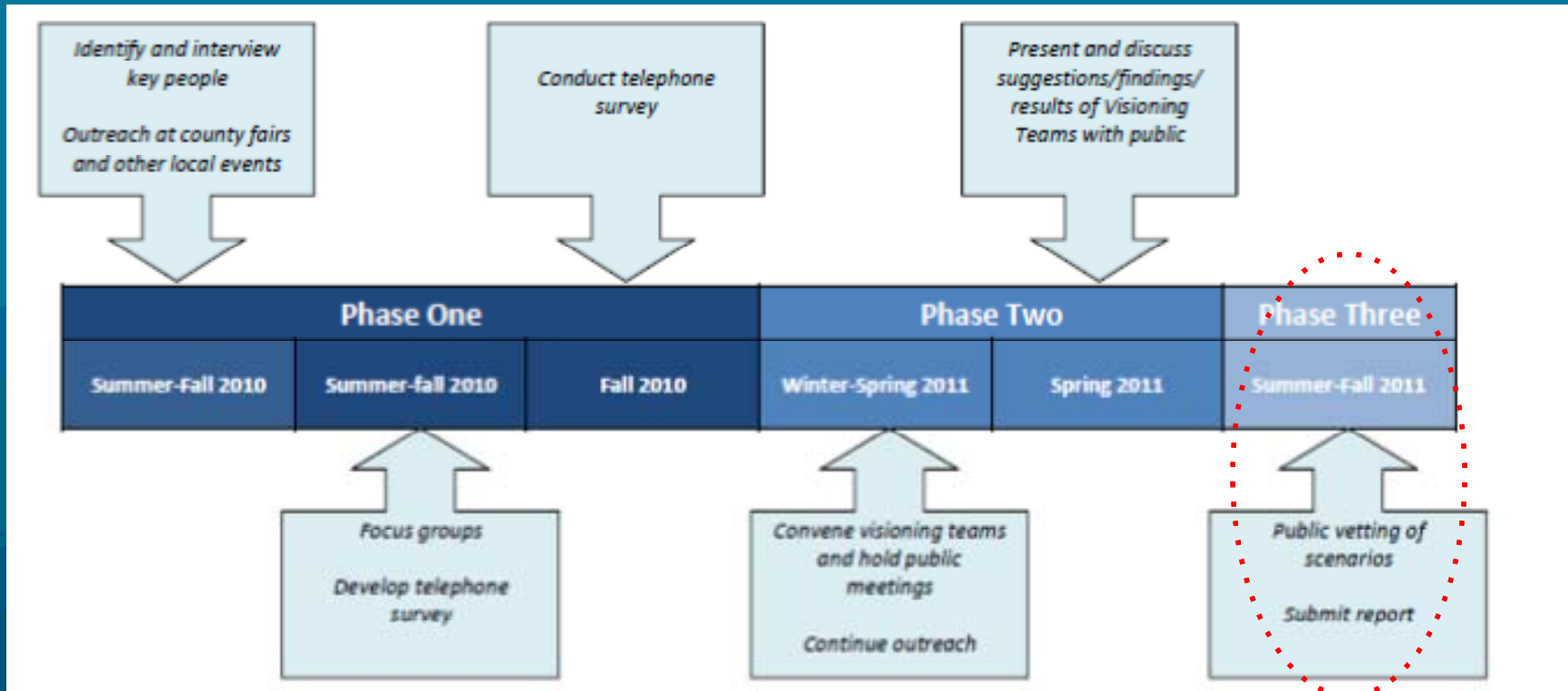


# Final Scenarios

Theme	Advisory Group Rank
Industrial Park	1
Green Energy Production	2
Multi-use Southern Ohio Education Center	3
National Research & Development	4
Training & Education	5
Greenbelt	6
Warehousing, Distribution, & Transportation Hub	7
Nuclear Power Plant	8
Metal Recovery	9



# Phase 3: Public Vetting of Scenarios





Health and wellness

Historical park and recreation

Open areas

Heavy mfg.

Smelter

Post consumer recycling

Industrial park shipping

Chemical products

Renew. energy mfg,

Medical research



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Health and Wellness Facility

Historical park & recreation

Green areas for future use

R&D altern/renew energy

Mfg. for alt/renew energy

Alt. energy power gen.

Green energy consumer products

Supplier warehouse & distrib

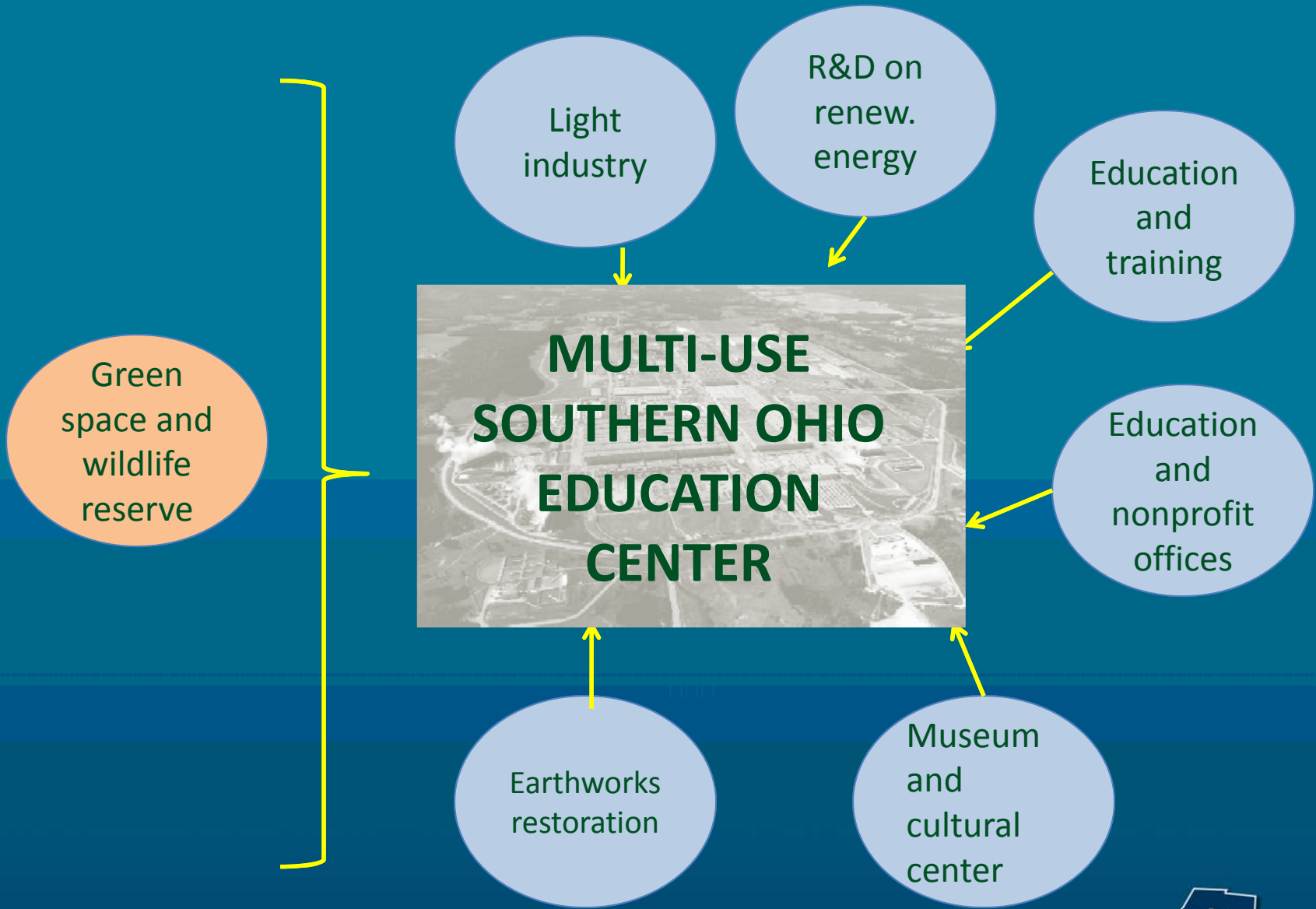
Green tech education

Steel recycling



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Health and wellness

Historical park and recreation

Green space and wildlife reserve

R&D to support natl labs, etc.

Underground nuclear collider



## NATIONAL RESEARCH AND DEVELOPMENT

Auto-motive research

Alter. Energy generation & distrib.

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Health and wellness

Historical park and recreation

Green space and wildlife reserve

Substance abuse facility

Military & ER training

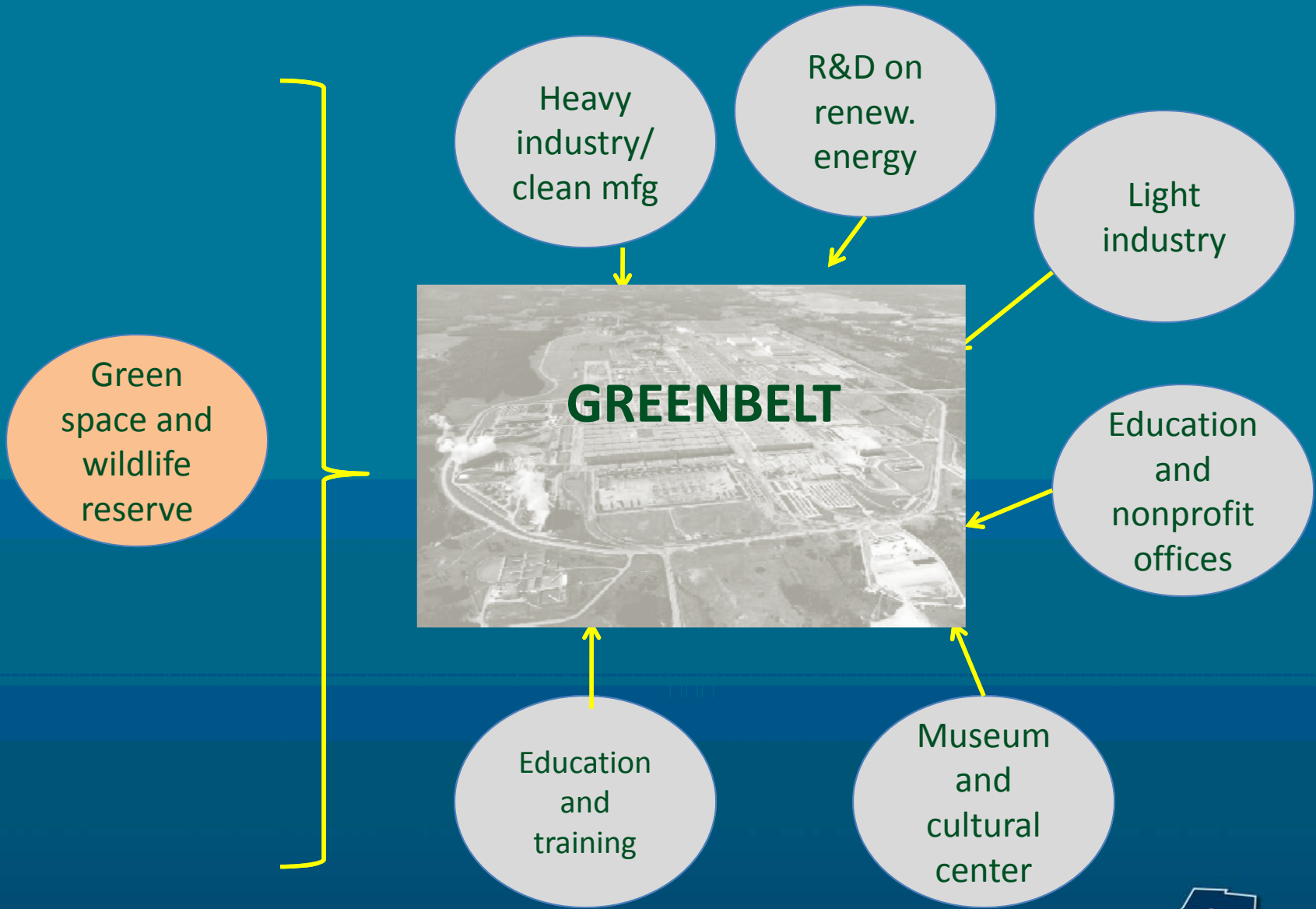


Displaced worker training

STEM School

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Health  
and  
wellness

Historical  
park and  
recreation

Green  
space and  
wildlife  
reserve

Warehousing  
similar to  
Rickenbacker



Commercial  
distribution  
& storage





# NUCLEAR POWER PLANT

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R&D

Recovering metals



Recycling metals

Processing metals

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# Economic Analysis

- Scenarios depicted in this report are not meant to be mutually exclusive
- All or some components of one or many scenarios may coexist
- Purpose is to quantify each scenario and demonstrate how they produce larger ripple impacts on the local economy through the indirect and the induced effects
- The model does not calculate potential construction impacts of these scenarios.
- As the scale of activities varies, so will the total impacts. This limitation is rather typical of IMPLAN modeling and something readers should bear in mind when reviewing the estimates reported



**These scenarios are end-state visions of the site developed by community members. Economic impacts were calculated based only on the end-state vision. Construction costs were not factored into these economic impacts since construction is considered a “temporary phase” that leads to the end-state.**



# IMPLAN Model

- The model estimated indirect and induced effects, which were added to initial direct inputs to get the cumulative or total impact
- The total impact of a scenario thus consists of (a) direct, (b) indirect, and (c) induced effects
- Direct effects represent initial scenarios inputs, based on the research. In the case of our scenarios it is defined as labor income
- Indirect effects refer to the impact stemming from local businesses & industries buying goods and services from other local businesses & industries
- Finally, induced effects represent economic benefits when workers use their newfound income to purchase further goods and services for their own consumption
- IMPLAN computes multipliers using data from publically available data sources such as U.S. Bureau of Economic Analysis, U.S. Bureau of Labor Statistics, and U.S. Census Bureau

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# IMPLAN Model

- Labor income = wages, salaries, payments received by self-employed, persons & businesses that are not corporations
- Employment = annual average employment both full and part-time
- Value added = the economic contribution of an industry, sector, or company
- Value added = labor income + corporate profits + indirect business taxes.
- Value Added is a measure of the GDP made by an individual producer, industry, or sector.

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# Economic Analysis

Scenario	Annual Estimates for total employment effect (# jobs)	Annual Estimates for labor income	Annual Estimates for value-added
National research and development	2055	\$89,669,280	\$118,608,985
Green energy production	1,438	\$71,143,413	\$148,916,427
Industrial park	1,275	\$65,711,809	\$142,147,020
Greenbelt	1,195	\$50,747,899	\$68,694,663
Metals recovery	1,023	\$45,201,431	\$60,015,660
Nuclear power plant (single use)	840	\$51,580,766	\$145,560,592
Warehousing, distribution and transportation hub	771	\$33,298,446	\$49,609,691
Multi-use southern Ohio education center	362	\$13,323,153	\$18,587,448
Training and education	245	\$5,117,584	\$6,778,666

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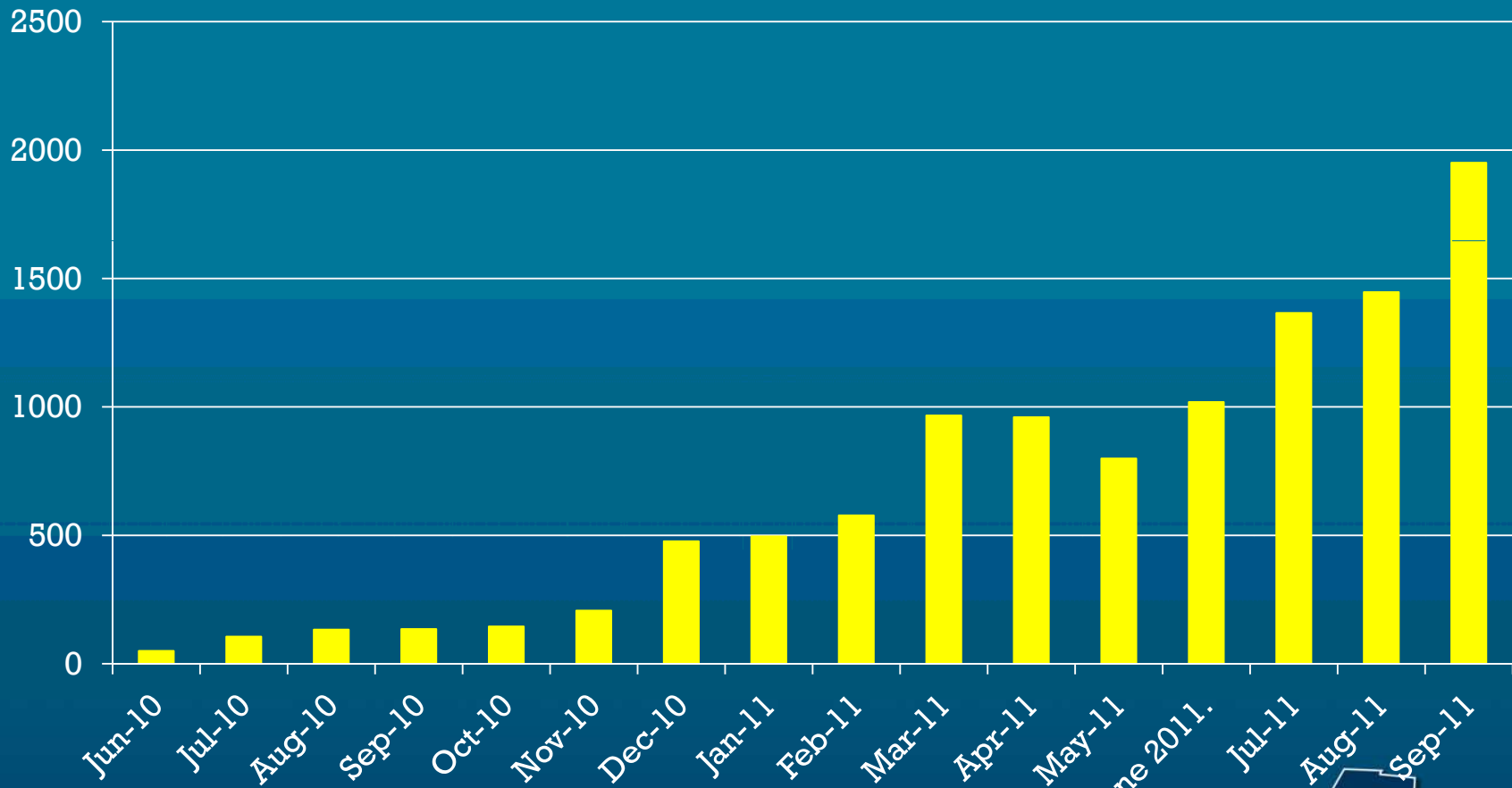
# Public Vetting Activities

- PORTSfuture website online voting
- Leave behind materials, flyers
- Stakeholder presentations (paper ballots)
- County Fairs (paper ballots)
- Billboard
- Press releases
- Radio spots: WOUB, 45 spots
- Stakeholder newsletters
- Email blasts to various distribution lists
- Social media (Facebook, Twitter)

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# Website Views



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# Summary of Media Activity

- **Approaches**

- Paid ads; TV & radio interviews; newspaper articles; press releases; website; newsletters; email blasts; direct mail; community calendars; telephone contact; leave-behind literature; displays & exhibits; speaking engagements; online media; & Facebook

- **Estimated Impressions**

- Phases 1 & 2: 2.4 million +
- Phase 3: 1.7 million +

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# Voting Results

Survey type	Number	Percent
Paper Ballots	422	37.0
On-line	719	63.0
Total	1,141	100.0

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# Public Vetting Survey Coverage

Note: A total of 1,141 surveys were completed. Some respondents did not answer all demographic questions, hence the total in the chart below differs from the total completed

County	Number	Percent	Population
Jackson	100	8.8	15.4
Pike	256	22.5	12.7
Ross	253	22.3	36.0
Scioto	335	29.5	35.9
Other	192	16.9	
Total	1,136	100.0	



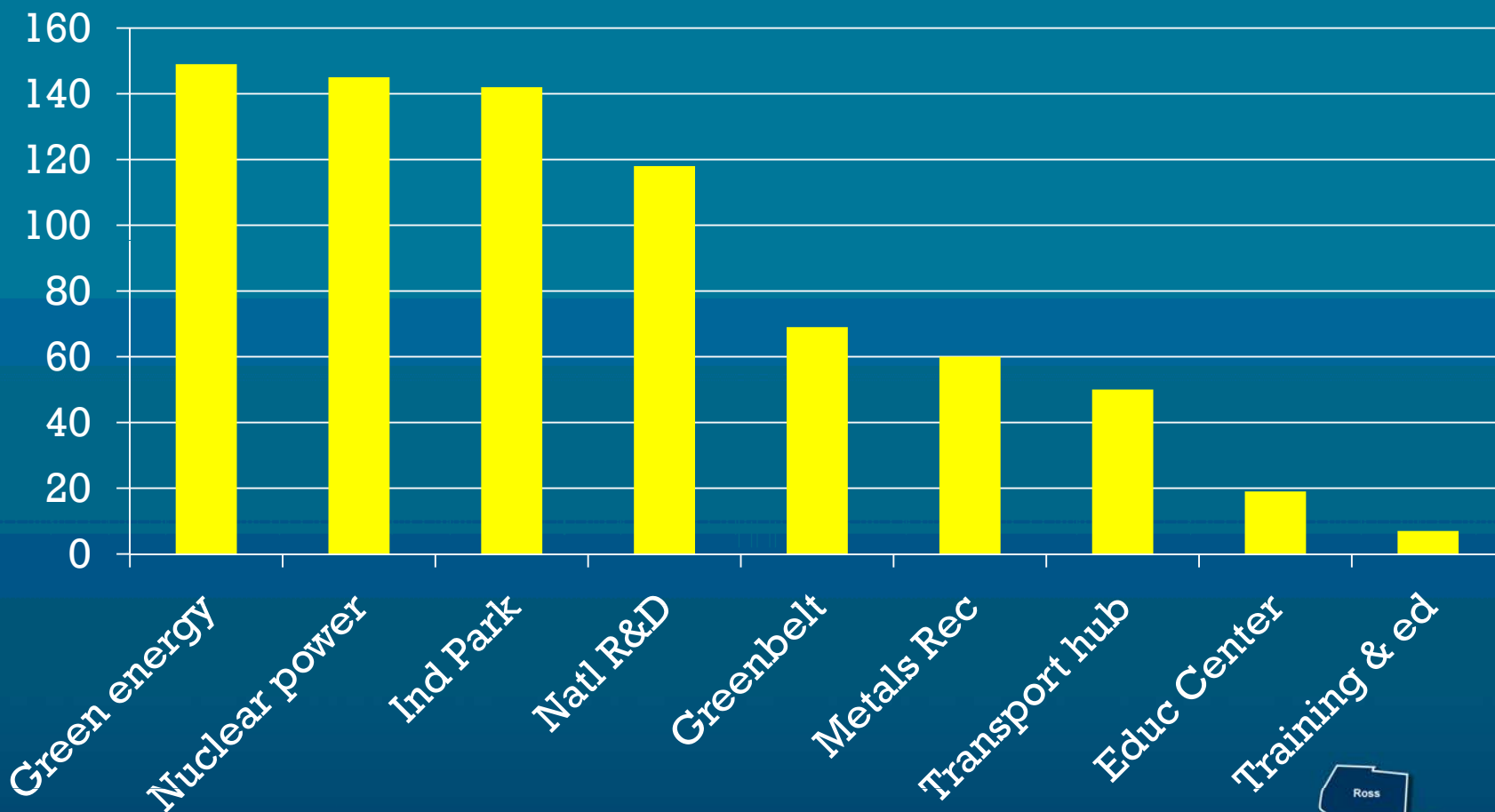
# Scenario Preferences

Scenario	Preferences
Industrial Park	421
Green Energy Production	475
Multi-use Southern OH EC	143
National R & D	418
Training & Education	160
Greenbelt	131
Warehousing	179
Nuclear Power Plant	495
Metal Recovery	152



# Value-Added

(In Millions \$)



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# Next Steps

- Complete IMPLAN analysis on construction impacts of each scenario and add appendix to report
- Report will be submitted to the U.S. Department of Energy, Office of Environmental Management, Portsmouth/Paducah Project Office for their consideration as they make cleanup and risk reduction decisions about the site
- Final report to be released Winter 2011-2012 and will be available to the public
- Continue to publicize PORTSfuture project findings

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