

Industrial Land Supply – Bernie Bottomly

- Job creation and income growth key to Oregon's economic prosperity – jobs/tax base for education/public services
- Limited supply of large sites for traded-sector development across Oregon
- Business decision timeframe shrinking



Demand for Large Sites

 Consistent interest in 50+ and 100+ acres based on public and private data, even during current economic downturn

- Public: 25% of Business Oregon leads seeking more than 25+ acres
 - Every major recruitment category had at least one opportunity needing more than 25 acres
- Private: Survey of 6 Metro brokers shows 11 leads a year for sites greater than 50 acres

Traded Sector Industry

Acreage Requirements for Majority of Leads

	Regional/ National Scaled Clean Tech	Globally Scaled Clean Tech	Heavy Ind./ Mfrg	General Mfrg	High Tech Mfrg/ Campus Industrial	Warehouse/ Distribution	Regional Dist. Centers
Competitive Acreage Required	50 acres	100 acres	25 acres	10 acres	25 acres	25 acres	80 acres



Portland Metro Industrial Site Readiness Study – *Mark Clemons*

- Market driven study of supply of development-ready industrial lands within Portland metro area and selected urban reserves
- Identification of barriers, costs and benefits of development for 12 diverse industrial sites
- Determined shortage of development-ready sites and investments needed in industrial site due diligence and site preparation











Inventory Findings

Inventory of development-ready, large industrial sites is limited:

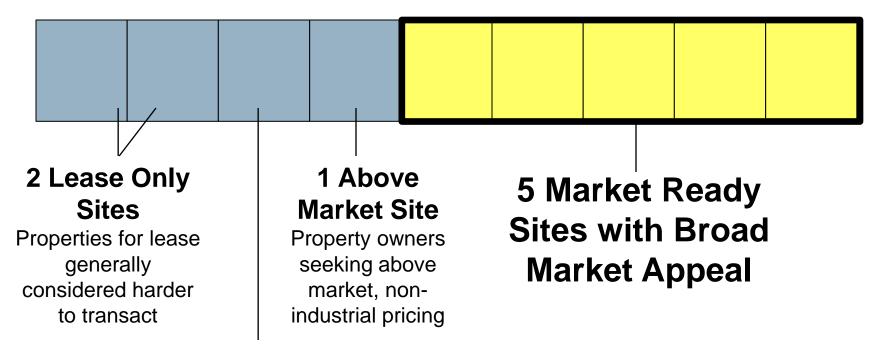
- 56 industrial sites identified with 25+ net developable acres
 - 9 Tier 1 sites
 (6 months to shovel ready consistent with State Site Certification)
 - 16 Tier 2 sites (7 months to 2 ½ years to shovel ready)
 - 31 Potential Tier 3 sites (> 2 ½ years to shovel ready)



5 Tier 1 Sites Broad Market Appeal

9 Tier 1 Sites

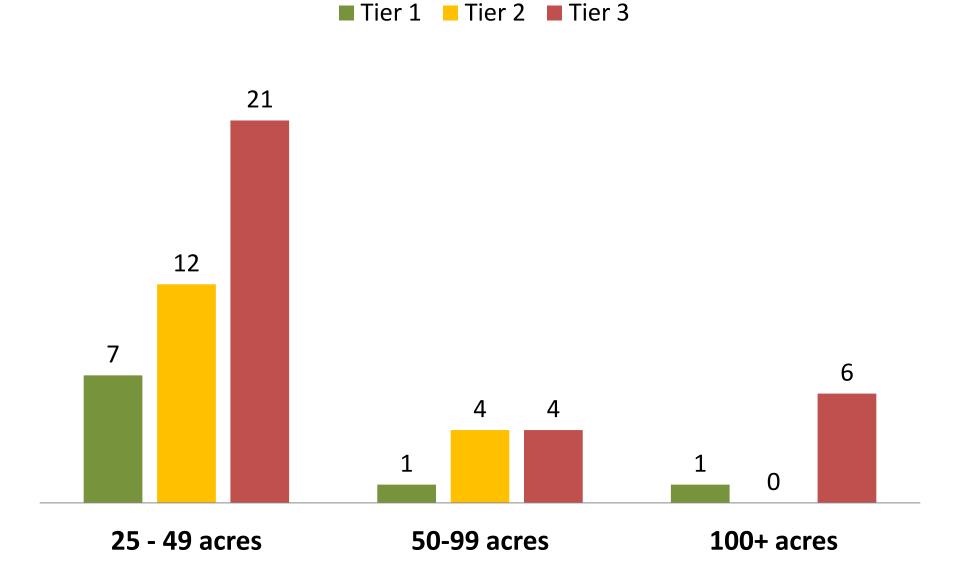
Full universe of Tier 1 sites



1 Irregular Shaped Site

Industrial buildings tend to be rectangular; irregular configurations are harder to design efficiently

Distribution of Sites by Acreage

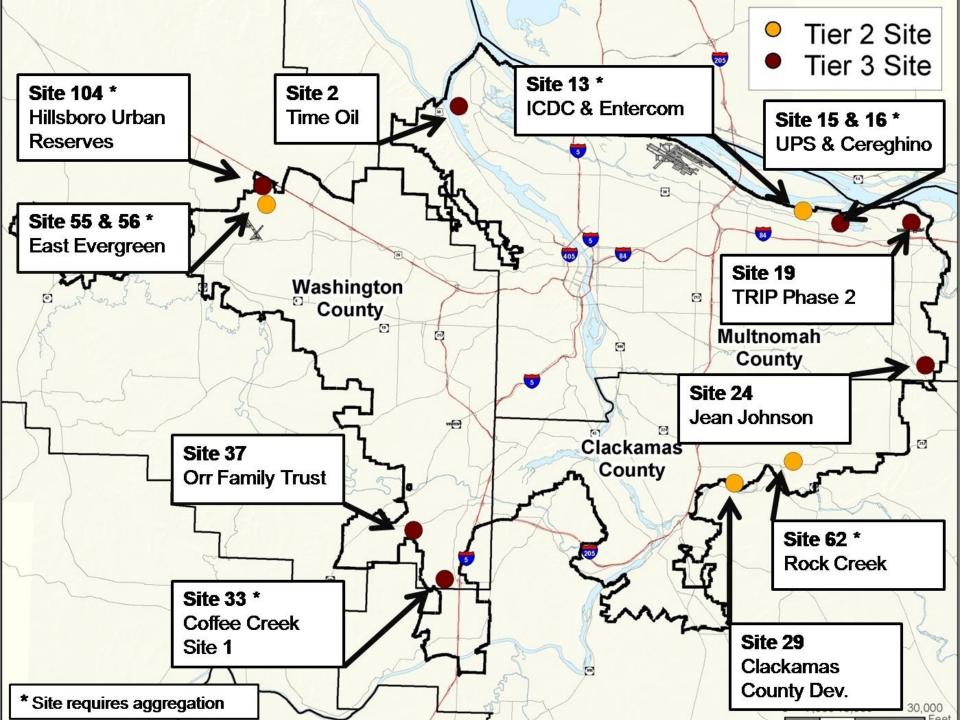


Tier 2 and 3 Potential Development Constraints

	TOTAL
BROWNFIELD / CLEANUP	8
NATURAL RESOURCES	13
INFRASTRUCTURE	19
TRANSPORTATION	18
LAND ASSEMBLY	14
STATE/LOCAL ACTIONS	20
NOT WILLING TO TRANSACT	18

Industrial Site Assessments

- Development assessments for 12 diverse sites
 - Size, location, barriers, tiers, traded sector uses
- Hypothetical large lot users, investments required, and economic benefit of development

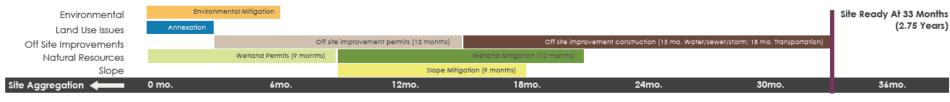


East Evergreen Site - Hillsboro

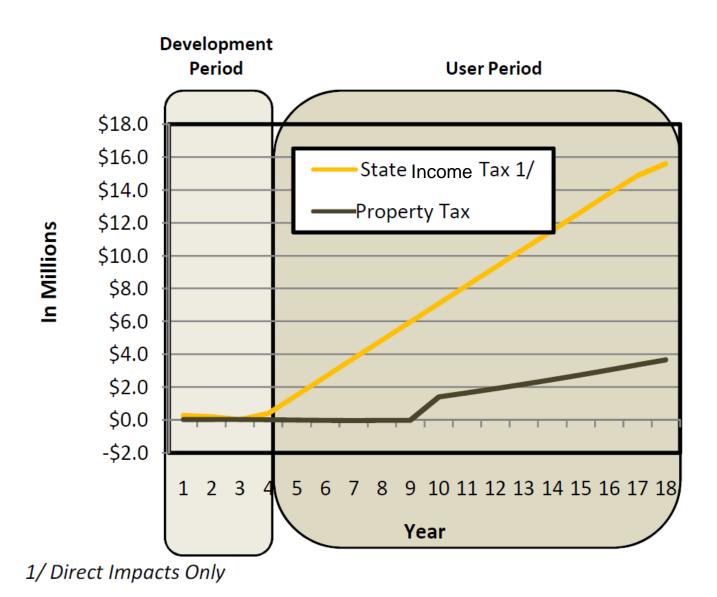




Site Development Process Timeline



Annual Tax Revenue – Evergreen Site



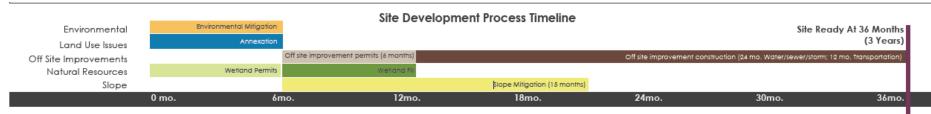
East Evergreen Economic Benefit

- 116 acres with site hard cost gap, \$13 M
- 1,700 direct jobs and \$232 M in payroll.
 - 12,000 total direct and indirect jobs.
- 20 year cumulative tax revenue
 - State revenue, \$153 M
 - Local revenue, \$35 M
- 80 percent of new tax revenue to state.
- \$2.8 B in annual economic activity.

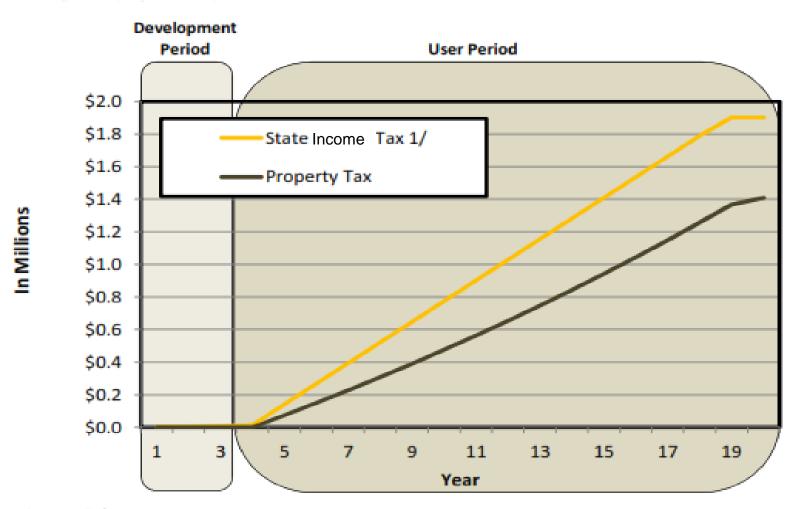
Orr Family Site A - Sherwood







Annual Tax Revenue – Orr Site



Orr Family Site Economic Benefit

- 43 acres with site hard cost gap, \$4.5 M
- 630 direct jobs, \$28.5 M in annual payroll
 - 1,500 total direct and indirect jobs
- 20 year cumulative revenue
 - State revenues, \$17 M
 - Local revenues, \$12M
- 59 percent of new revenue to state
- \$344 M annual economic activity

Study Conclusions

- Limited development-ready sites in Metro urban growth boundary
 - Shortage of larger sites for game changer investments
- Significant financial and time to market site constraints
- Significant economic benefits from investments
 - State's general fund potentially a big winner from associated job growth

Industrial Site Constraints

- Off-site public utilities represent primary barrier.
- Transportation constraints are the largest contributing factor.
- Site aggregation also key.
- Time to establish infrastructure approaches 24 to 30 months.
- Lack of knowledge about cost and value.

Market Gap

"The sites with critical infrastructure deficiencies are not likely to attract large firms if investment is left solely to the private market or delayed until a business willing to commit to a site is found."

Regional Industrial Site Readiness Report, 2012

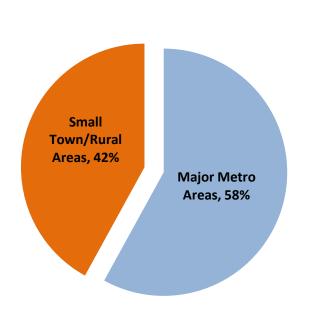
Potential Benefits - 12 sites

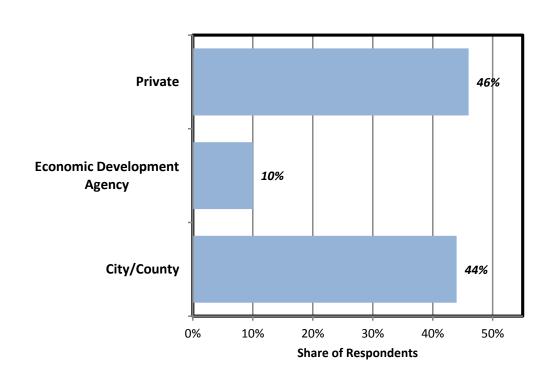
Total Direct Jobs	12,500		
Average Annual Wage Level	\$97,000		
Total Property Tax over 20 years	\$217 Million		
Total State Personal Income Tax over 20 years (direct jobs only)	\$764 Million		
Total State Personal Income Tax over 20 years (direct and indirect)	\$2.3 Billion		

Statewide Industrial Land Survey – *Bernie Bottomly*

- Oregon Business Plan survey reinforced Portland Metro study findings
- Limited large lot, development-ready sites
- Site preparation and due diligence assistance needed
- Limited local funding

Who Does this Matter to?

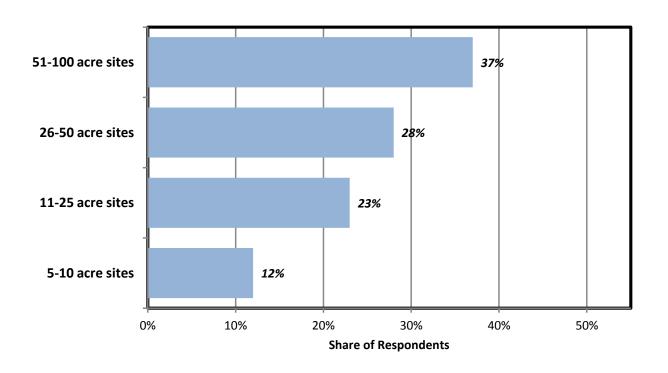




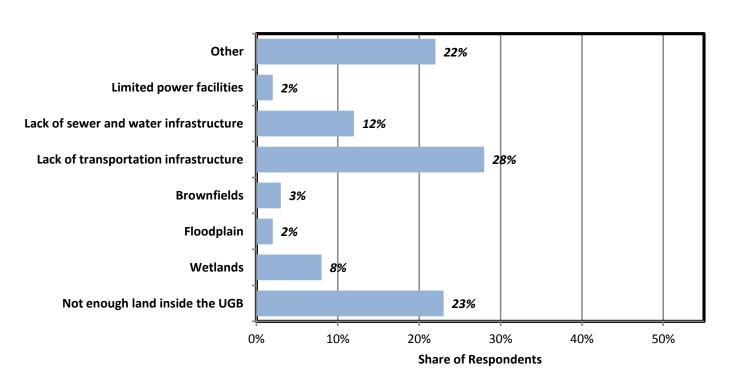
How Does Land Supply Stack up Statewide?

Industrial Land Inventory	Industrial Land Readiness
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What Size of Sites are Most Challenging to Find?



What are the Most Common Challenges with Respect to Industrial Land?



Proposed Legislation

Senate Bill 253

 Grants for industrial site due diligence, or industrial land market readiness inventories



Site preparation loan
 assistance – 50% of loan
 forgivable if traded sector
 business siting within 5
 years















State assistance based on significant new state revenue impact potential from site readiness investments

Due Diligence & Inventory – Senate Bill 253

- Small grants to local sponsors
- Inventory or due diligence
- Close the "knowledge gap"
- Reduce risk and uncertainty
- Attract private capital

Forgivable Loan Program – Senate Bill 246

- Low risk to state
- Funds only from realized gains
- Site-by-site evaluation
- Pre-investment agreement
- Forgiveness of 50 percent of local investment
- Penn., Conn., Kansas, Missouri, New Mexico

Pre-Investment Agreement

- Important sites
- Traded-sector industries
- Wage premium
- "But for" evaluation
- Site investment plan, costs, limits