

Aggregated Notes

Overall Votes	
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2. Asbestos abatement and containment	12
3. Presence of lead	9
4. Septic leach-fields	1
5. Structural evaluation	27 #2
6. Remittance by property owner of deconstruction permit	12
7. Certification of termination of electrical + gas service to property	0
8. Certification of "no infestation"	1
9. Certification of termination of water + sewer service and plugging of sewer line	0
10. COI for air-monitoring contractor	0
11. Insurance requirements for general liability, worker's comp, etc.	5
12. Permit from municipal DPU for temporary use of fire hydrant	0
13. Materials inventory evaluation	29 #1
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23. Workforce Development (added by Group 1)	1
24. Tax Incentive for Deconstruction (added by Group 1)	1

#1. Description of decon	struction for legal and outreach purpo	oses
Issues	Recommendations	Unresolved
 Too many definitions Does a guiding authority have a definition? EPA, etc. Too specific with no info "Description" is different for legal vs outreach purposes Legal description may be statewide Outreach description could be local Using different phrases/ more than one term Dismantling vs deconstruction Many demolition companies are offering "dismantling" services that seem to be the same as deconstruction Historic vs modern terms Is the phrase that important or do we need to stay focused on the end result of the process? Definition is fluid even across pieces in academia City of buffalo defines deconstruction Steps vs actual definition Difference between deconstruction and demolition Is deconstruction the same as demolition the same as demolition in law Steps vs actual definition Difference between deconstruction and demolition Is deconstruction the same as demolition but using different methods If you ignore "demolition" you ignore the fact that buildings are being taken down You can't change what you don't measure. You must define what you are measuring. Scope needs to be defined with specific, clear language: deconstruction for who? Residential, commercial, industrial. Single family units, multi units 	 Level of expertise/clarity different groups may have for which definition they receive Definition technically the same but using different words/phrasing for different audiences Needs to be a standard so people can communicate and understand Standard language Need legal definition and flexible definition List of materials Guideline for handling materials Level of detail for specific materials probably best at the local level Including definitions of demolition, salvage, etc alongside deconstruction to demonstrate differences Methods, outcomes Start small and specific as a pilot. Communicate intent to scale with field testing. Get input from a larger scope of people - include waste processing facilities, haulers, contractors, landfill: the people who will ultimately be responsible for handling/next use/processing 	 Are there any states that already have statewide deconstruction policy? California?

#2. Asbestos abatement and containment		
Issues	Recommendations	Unresolved Questions, Comments, etc.
• Related issue is lead.	 Require full abatement before demolition(as opposed to "demo with asbestos in place") 	•
		 Older buildings have lead paint, are they treated in the same way? For deconstruction as they are for demolition?
	 Requiring lead abatement for <u>demolished</u> buildings as well (leveling the playing field b/w demolition and deconstruction). Ratchet system (years 1-3 Incentives for lead abatement training? Free in NYS, but Prioritizing areas environmental justice (i.e. years 1-3 these areas are incentivized, then 	
 Asbestos removal/abatement 	 Consider timing of lead abatement for deconstruction and demolition to ensure structural safety in process 	 Do we want extra requirements/training for abatement?
		 Cities under 1.5 million in population. i.e. What is NYC doing? Are there lessons to be learned?

#5. Structural evaluation		
Issues	Recommendations	Unresolved Questions, Comments, etc.
 Certified personnel may have been demolition contractor No real license or certification for construction Labor - how and who gets certified Use building Code Inspector, not enough inspectors or training, already overworked Is this about the safety of the actual structure or of the materials being taken out Difference in evaluating building for safety of demolition vs deconstruction Amount of time people are spending onsite, etc "Emergency demolition" Unsafe to enter Asbestos- testing and remediation Fire, etc. Untrue designation due to political reasons Is demolition of wood, etc. ? Contingency plans- who has liability? Who owns the building Governments vs land banks Who is actually taking the building down Demolition companies already have insurance, etc Volunteer situations (Cornell project) Surface vs subsurface Responsibilities Easements Transferring of ownership- ex SUNY Construction Fund Tight requirements to eliminate gray 	 Recommend specialist with license Regulation that drives Inspector to deconstruction Code generation Require Engineering/Architecture letter stating safe to deconstruct State mandated training and certification - State supported and enforced Resource management and getting it out to local government Criteria to transition from deconstruction to demolition required with what is deemed necessary to transition Time length based on contractor experience and ability to move material Require staged inspection to verify building can still be deconstructed Regulation to minimize time between buying and deconstruction to prevent owners from neglecting property to result in demolition Affirmative maintenance = building code Actionable authority and fines to code enforcement Look at and draw from existing demolition laws Delays for demolition that are longer delays than for deconstruction State will certify third-party evaluators or dedicated city employees. (Don't put the 	 Managing expectations of profits/outcomes Does training / toolkit currently exist ?

areas/loopholes • Integrity	 onus on code review officials, esp. for smaller municipalities) Deconstruction code added to (ala code for existing rehab + new construction) Department of State (NYS) can create a floor & local municipalities can adopt more stringent laws "in consultation with DEC and DOH" ('Home rule') Third party staff person to first inspect the space (i.e. local municipal rep) paired with education for this role to ensure safety 	
 Ensure a safe environment for building removals while preventing loopholes via "unsafe" designation and subsequent exemptions 	 Define "imminent danger" Code rules for deconstruction - follow asbestos abatement procedures, Combine with DOL notification process and incentivize fee for deconstruction Streamlining review; make sure the process isn't duplicative or more costly 	
 Demolition by neglect as a way to circumvent deconstruction laws 	 Program to help provide funding for stabilization; 	

#6. Remittance by property owner of deconstruction permit			
Issues	Recommendations	Unresolved Questions, Comments, etc.	
 Identifying criteria that would trigger the permit process- what are the thresholds/criteria?, municipality needs to define what to put in the permit Demarcating between residential, commercial, industrial- different skill set-different liability issue Make it easy on Property owner (onus) Scale: commercial/industrial is more important to not go straight to landfill but residential may have more value Post for public comment- 30-60 day increments (too long?) Value in state defining who's regulated (municipalities aren't in charge of implementing building permits) How to create connective tissue between state and local level Can make code stricter not looser State establishes uniform code, local establishes the nitty gritty No national standard Defining timelines/guidelines at state level? because crazy making bureaucratic process-want to incentivize/make the process easier 	 State-level frameworks/templates for Lower fee for deconstruction per Blanket legislation that trickles down Thinking broadly Wide criteria definitions as open as possible Increasing demolition permit fee that money goes towards deconstruction grants - specific language OR Minimum of x amount (state sets the floor, local can increase as needed) 	 Is signage an issue that needs to be addressed (a) the state level?? A- Portland example - mandatory signage to provide additional contact info for questions; and also inform the neighborhood of deconstruction (instead of demolition). 3 signs required at a minimum. Encourages contractor accountability. 	

#13. Materials inventory evaluation			
Issues	Recommendations	Unresolved Questions, Comments, etc.	
 Not enough training of where all material can be used Properly storage facility Storage space Where are we storing current new materials that may be replaced with deconstructed materials Business opportunity Hand sorting requirements. Not enough incentives to sort materials (see #17) No program exists to track available material How people place value on items Might have more value in one locality vs another How far do you go to find a use for items Surplus materials market Quality Initial and Secondary evaluation to determine inventory and appraisal Weather restrictions Speed of deconstruction more of issue than cost Spray foam prevents recycling (material used for construction may prevent using material) Open, market-based approach to cultivating and certifying qualified personnel, vs. legislative approach?; Practicality of trades-based certification (e.g., a state-level certification board might be clunky) Do these jobs already exist or will these jobs and skills need to be created? Green mission- appraisers in Virginia Paperwork, taxes, fraud, behind the scenes work Value of house vs value of materials after deconstruction Other hidden skill set(s) and 	 Generate programs to track and appraise material Create a NYS council or IBC council to create structural performance/materials s testing standards for existing/historic building materials Storage facility New tools for deconstruction Processes for construction and deconstruction Develop a benchmark financial model for how to finance new construction projects using a target percentage of salvaged materials (assume 65% usability/ 35% non-usable) Incorporate targets for material percentage System that contains and tracks materials used in construction, retrofits, and renovations to track everything going in and out of business Data permitting through state cleveland open to public: # demolished, # deconstructed, Materials State-level incentives for local certification "Block-chain" model of creating a new circular economy, new way of valuing externalities To start, work with municipal/public entities that will publicly share evaluation information/skills so that municipalities may learn from each other. 	 Legislation addressing recycling streams, by material (ex: drywall, or carpet, or concrete); there is LEED, which is a point system for waste diversion Waste Management Plan- state mandated? or local-level; at the outset the purpose should be to report/generate data, then it could be prescriptive 	

workforce	
 Social media, online 	
marketplace/ creating these	
marketplaces, connecting	
materials to people	
 Current building codes and 	
construction standards do not	
address or recognize existing/historic	
building materials	
 Grading structural materials 	
 Wood is different today 	
than it was 100 years	
ago	
 Convincing inspector 	
that material is ok	
 Local authority is 	
deciding	
 Predictability of sourcing and 	
supplying building materials (e.g., I	
need X feet of floor boards, or 500	
steel angles, etc.); cost of labor to	
make salvaged materials reusable	
and marketable	
 Labor & Certification 	
 Other stakeholders: home 	
inspectors; other codes (fire, etc.)	
Control flow of material (municipal vs	
private)	
 Grading structural materials 	
 Wood is different today than it 	
was 100 years ago	
 Convincing inspector that 	
material is ok	
 Local authority is 	
deciding	
• Conflict of interest in the process	
Scale of deconstruction projects	
 Permitting, bids, actual 	
deconstruction, holding of	
materials- inventory	
evaluation, reuse/resale	
 Commodity/trends in goods/materials 	
goods/materials	
 Rustic barn wood is popular pow but what bappons when 	
now, but what happens when it goes out of style	
 Cornell circular construction lab 	
 System to walk into building 	
and inventory materials	
 Produce estimate for 	

what would come out of structure and value • Evaluation of materials vs actual end result • Portland deconstruction guide • Somewhere in CA has an excellent guide		
• Protect resellers from liability	 "Hold harmless" insurance for hazardous materials to protect resellers Insurance assistance; "Insured intermediary workforce" pick and pull model to cover the workers on removal side 	
 Worker availability and skill training Valuation - assessing demand and monetary value versus actual material availability - how do contractors / certified personnel assess Creating a transportation and holding plan - network 	 Create workforce; incentives for encouraging job training Grants for training people Grants to purchase warehousing - startup grants 	
	 Lock material inventory evaluation into permitting process 	
• Current insurance structure creates disincentive for deconstruction	 Add a carve out for deconstruction firms, either to exempt them or greatly reduce 	 Scaffold Law
 Reuse of salvaged materials 	 Exception to New York State materials codes or material appraisal Identify historically valuable materials 	

#14. Anticipated	building stock affected by deconstruction	
Issues	Recommendations	Unresolved
 What to do with building that can not be deconstructed but have to be demolished When should buildings be required to be taken down (cost to maintain outweigh cost of structure) Storage and transportation of material may affect what is available in areas Program to reuse materials does not exist Tracking material does not exist Prioritizing or valuing material will keep the cycle of not investing in blighted low income areas Material left behind after demolition or deconstruction Historic preservation issue; how to incentivize adaptive reuse before we even consider deconstruction Existing laws are for single-family homes, how to develop and implement legislation for larger-scale and/or commercial buildings Will current building materials retailers be threatened by the introduction of reused building materials? Is this going to affect the number of jobs in current building materials sales? Thoughts: there will always be a market for new materials Paintcare: Manufacturers are required to pay more into recycling of materials - essentially paying for transportation of the materials to be recycled Will the success of this program influence other 	 Incentivize deconstruction More state and local policy incentives to adaptively reuse existing buildings Make deconstruction cheaper than demolition Programs other than reuse in construction to salvage material stock Area targeting to generate resale of material Incentivize the sale of the material to ensure it moves faster; rebate for buyers not sellers, i.e. property tax reduction for percentage of reused material in new construction/retrofit/renovation Higher taxes on virgin material to encourage deconstruction Demountability plan or deconstruction or disassembly plan/design becomes a requirement for new construction ("un-building" drawing sheets to be stamped and sealed) Model ordinance developed by the state that can be adopted at the local level Extended producer responsibility NYC is doing this with paint recycling (it is a state law) 	 May cause higher rent/sales rate of properties

0	programs, like deconstruction? Could a new fee be added to purchase of new building materials? Would a new fee applied to only new building materials influence decision-making for those who are choosing reused vs. new materials? If not, is that okay as long as the funds collected in the fees are used to support deconstruction/reuse efforts through grants/education programs, etc.?	

#15. If re-build is to occur on parcel, applying for a permit from municipal Code Enforcement Bureau		
Issues	Recommendations	Unresolved Questions, Comments, etc.
• ***Related to 17		
 Nimbyism - loss of available housing stock, encourage affordable housing preservation, neighborhood character 	 Incentivize permit expedition if DUA is being replaced; perhaps incentivize dua increase, other concessions? 	
 Encouraging deconstruction vs. demolition 	 Form-based code still intact to preserve neighborhood character 	 How to protect people from costs (For example, a dilapidated garage on a low-income property) →When the system works, it makes it more cost effective to deconstruct

#16. Recoverability matrices: time and availability (in existing form) from building, resource/time-intensity of recovery			
Issues	Recommendations	Unresolved Questions, Comments, etc.	
 How do we convert the things we can't use to things we can use? Affordable housing materials being overlooked Jumps in technology What does recoverability matrices mean? Storage? Scalable? 	 Hierarchy of recovery, developing priority materials Top priority: state-subsidized storage 		

#17. Recoverability and redevelopment incentives		
lssues	Recommendations	Unresolved Questions, Comments, etc.
 Some materials can't be recovered Recoverability 		
Redevelopment		
 Cost incentivized vs. demolition 	 Tax breaks Tax rebate Portion of the sale of the material Grant funding 	
Workforce development		
Deconstruction land-use	 Incentivizing parcels to be used once deconstructed Incentives for material reuse Point system of incentives (1-point for deconstruction, 1-point for reuse within neighborhood boundaries Hierarchy of building uses (state legislation vs. local) 	

#18. Municipal ownership, non-profit ownership, land trusts potential models		
Issues	Recommendations	Unresolved Questions, Comments, etc.
 This is connected in our minds with #14 Phasing: Need to prevent market flooding with deconstruction demand, scale up Municipalities and government entities are not known for being trailblazers, so there may be some challenges 	 Phase 1: Incentivize municipalities to stabilize buildings (connects to 5) 2-3 years State leadership Phase 2: Next phases: Adoption grants for non-governmental organizations Phase 3: ? 	
• Warehouse space is required both where material is being salvaged as well as where it is in demand	 Municipalities offer unused warehouses Empire state development - small grants for warehouse acquisition 	
 Meeting the needs of the market 	 Two tiers of warehouses: non-profit versus for-profit, "robinhood models". Ensure equity; boutique showrooms can subsidize affordable materials for the community 	

#19. Where does responsibility for deconstruction end?		
Issues	Recommendations	Unresolved Questions, Comments, etc.
 Cost of demolition to deconstruction spec Owner responsible Tax credit/incentive programs for owner Incentivize resale of material Demolition occur in low income areas Municipalities buildings Material responsibility after dropped off for storage Legal responsibility to deconstruct, i.e. owner/municipality, Site left over Will current building materials retailers be threatened by the introduction of reused building materials? Is this going to affect the number of jobs in current building materials sales? Thoughts: there will always be a market for new materials Paintcare: Manufacturers are required to pay more into recycling of materials - essentially paying for transportation of the materials to be recycled Will the success of this program influence other programs, like deconstruction? Could a new fee be added to purchase of new building materials? Would a new fee applied to only new building materials influence decision-making for those who are choosing reused vs. new materials? If not, is that okay as long as the funds collected in 	 Incentivize low-income blighted to help assist Incentivize upfront not back end tax credit for those areas All are responsible for deconstruction Material responsibility shifts from to deconstructor to storage facility Site responsibility owner/municipality Various entities taking on liability for materials End of project standards should be the same for demolition and deconstruction State legislation recommendation: Municipalities that have a standard for end of demolition project should maintain the same standard for deconstruction 	 How much of the processes of demolition is legislated? Are we over-legislating deconstruction in comparison? In many ways, our discussions have led to the suggestions that demolition and deconstruction regulations should be similar

the	ees are used to		
sup			
	onstruction/reuse		
	ts through		
	its/education		
-	jrams, etc.?		
	lity ends with		
•	e distribution of		
materials			
• Ends once	it leaves the property		
• Depth of 2	4 inches?		
 Mat 	erials below this		
dep	th should not be just		
left			
	oing a record/drawing		
	at material and		
	cture for future		
	struction/surrounding		
	struction/utilities		
• What is the			
deconstru			
	material landfills are		
accepting	to poin at a disail		
	taminated soil		
	at is 'end of life' and		
Was			
	dfills are already		
	ed out with accepted ounts of construction		
	demolition debris		
	m will be put in place		
_	ne if deconstructing a		
building is			
-	ntifying by year the		
	ding was built		
	nates say 70% of the		
	age building could be		
	cled or reused		
•	s measuring by		
weight or v			
° Fou	ndations (concrete)		
weig	jh a lot etc.		
• Why 24 ind	hes???		
	cting building and		
leaving fou			
	't overregulate		
dece	onstruction		
•			
	deconstructors (ex.		
	Needing special		
		l	L

 machinery just to dig out and cap a sewer pipe would be a huge burden) Quantity of projects vs trying to get as much out of one project as possible 		
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#20. Reporting Requirements		
Issues	Recommendations	Unresolved Questions, Comments, etc.
Salvage metrics	• Online reporting platform	 In what ways should this be quantified? How to deal with additionally identified hazmats -> time and cost implications
 Reporting - is it actually being salvaged 	 Web-based form rather than paper for demo contractors reporting —> resource catalog 	
 Market needs to understand where the material actually went 	 Online marketplace Not just supply Ability to report material demand "wishlist" or "wanted" 	 Software or staff required to expedite intake and cataloging of materials
 Point of sale; standard costs, interoperability 		
• Education of the market	 Public awareness campaigns - Materials to be reused Contractor processes: required disclosures of salvaged materials 	

#21. Salvage Targets			
Issues	Recommendations	Unresolved Questions, Comments, etc.	
 Realistic targets Facilities - materials have to go somewhere (all facilities, not just "warehouses") Certification Hard to define % due to types of material Material reuse/recycling ability and center location Recycling center locationss Due to alternate routes for reuse/recycling alters number Volume quantities vs tonnage quantities 	 A market-based approach supplemented by incentivization Incentivizing percentages to ensure more reused State legislative to tier incentives Incentives have to match federal Start small with pilot projects. Treat targets with regionalities in mind: available processing facilities, workforce, etc. Make like LEED and Passive house programs Setting targets is ideal-parties responsible for deconstruction are probably not the constructors of the project (and had no say in the materials that were installed in the project). Salvage targets must be coupled with responsible construction (new) material choices/material for the future. Task force/advisory board Salvage targets Workforce targets Incentivizing Increase 		

#13. Materials inventory evaluation

- Legislation addressing recycling streams, by material (ex: drywall, or carpet, or concrete); there is LEED, which is a point system for waste diversion
- Waste Management Plan- state mandated? or local-level; at the outset the purpose should be to report/generate data, then it could be prescriptive **LEED requires a waste mgmt plan when doing demolition**
- Scaffold Law 1880's before worker's comp; has not been repealed and still places liability on the employer; sentiment that it should be eliminated; very expensive coverage - how many more units of affordable housing could be constructed if we didn't have to pay for this coverage? This is a barrier currently but could function as an incentive; Diane C mentioned that advocacy around the safety of the industry would be helpful

EXPERT DISCUSSION:

Dave B.: In Vancouver, B.C., drywall is regulated - health hazard to throw in landfill, needs to be removed prior to demolition and hauled to transfer station only for drywall. Paper is separated from gypsum and new drywall is made.

Dr. Kelles: Concerned with health hazards relating to burning of drywall; create infrastructure, offer incentives and only then implement "stick"; physical space needed for receiving streams of deconstructed materials (schools offered as a warehouse option); incentive example: lower fees for hauling to reuse center vs landfill

Gretchen:.: The vast majority of material is a single stream; on-site source separation has been proven to be helpful - would be key element at local level

Jennifer M: What data systems do we need to understand building stock composition? What regulations are needed? Material depots, material passports, urban mining - transformative at local and state level

Dr. Kelles: Buy in is important when it comes to government; example given is of PDX, advisory board used to establish ordinance; Noted that people don't like change but if they have the ability to choose or instigate the change, buy in inherently exists

Dave B: On PDX, 1995 first deconstruction company was trained and thought of as community asset; place for affordable building materials and things you didn't want to throw away; "part of culture" - PDX deconstruction advisory group existed but the citizens (once educated) chose deconstruction themselves; noted that experts themselves had questions/concerns today about how deconstruction will work **Comment from Tolga from Greater Mohawk Valley Landbank:** Noticed that Stewart's often demolishes buildings when they want to build something new; they

offered a bid for demolition and underbid 5 contractors in order to offer deconstruction vs. straight demolition

JJ: NYS has 561 construction and demolition debris processing facilities - are we creating more? What's the goal here? *Another note about how the full life cycle should be considered, cradle to grave

Dr. Kelles: We don't have a comprehensive list of resources with contact information/region/etc. That would be step 1. Also need a state created searchable database to build an online marketplace. What are the barriers of these 561 facilities? What do they need help with?

Diane C: In Tompkins County, there's not enough capacity at these facilities we need larger scale facilities for the public, the trades; Buffalo Reuse has a model that is worth looking at

Dr. Kelles: Oftentimes, valuable pieces get pulled for scrap metal and the rest thrown away - how can we deter this?

Kriti: Are there ways to mandate that material be created in a way that it can be reused? Buyback programs? Subsidies for companies willing to do this?

Jackson: Modular, panelized buildings could be utilized in this way Dr. Kelles: careful about laws that step into personal choice; we can incentivize and offer more affordable ways or more expensive ways to do anything Dave B: Government and govt projects have standards set higher; using them as pilot projects

#5. Structural evaluation

• Managing expectations of profits/outcomes

• Does training / toolkit currently exist ?

EXPERT DISCUSSION:

Jackson: Wide array of people's abilities - some companies will be more well-versed; making sure companies involved provide a pathway for training

Jennifer: Govt offering incentives for reused materials

Diane: More infrastructure, more space, better trucks, more workforce, more capacity in general - without regulation some of this is already happening but pilots focusing on how investment could elevate capacity would be helpful; layering on

environmental effects as well; huge need for non-structural components as well **Dave**: Reclaimed wood was stress tested (Madison, WI) and wood was stronger than new wood; encouraged Washington State to change building code to incorporate reclaimed wood as being acceptable in certain situations (not trusses, etc.)

Tolga: We need public education effort ranging from reclaimed wood +

deconstruction to folks in the trades who have quality skills (esp. passing on these skills to a younger generation as trades folks are aging out)

Jennifer: San Antonio has been focused on growing a heritage trades, affordability of materials, accessibility

Q from audience: What are efforts towards re-using public housing?

Diane: I did a walk through and projected a potential harvest and the materials were scrapped anyways; there is value in every building

Jennifer: Ordinance exists that considers whether housing will be lost; considering use afterwards is important

Dr. Kelles: Not every building can be deconstructed - some Decon can be dangerous; disinvestment in public housing leads it to have little to no value, often be beyond deconstruction; we want to protect our investment collectively and this also involves educating electeds

Tolga: Systemic problems revolving around vacancies and flight of habitants; perhaps buyers should be required to address issues of housing like lead; short term fixes create more problems down the line, maybe in different areas like health of residents

#14. Anticipated building stock affected by deconstruction

• May cause higher rent/sales rate of properties

EXPERT DISCUSSION:

Diane: You can only line item the components you take out, which will not match the value of the house itself; unintended consequences in PDX around a pending ordinance where folks rushed to tear down many buildings before the ordinance was passed

Dr. Kelles: If there was an ordinance where houses had to be constructed with a certain amount of Decon material, could cause issues; much more disruptions with demolitions; decrease in air pollution and ground pollution in Decon vs demolition **Tolga**: How to incentivize Decon and companies that use deconstruction materials in new construction builds

Dr. Kelles: Depends on how much incentive is offered for deconstructed material vs how high virgin material is taxed - a pilot could be helpful to see how this would play out in a municipality

Tolga's Group: Incentivizing deconstruction and taking care to make sure blighted neighborhoods don't remain so

Jackson: Contractors seeing a tax increase would be problematic unless market could provide a sizable amount of alternative options

Gretchen: Sign up for CROWD conversations! At a local level, a certain level of reused materials being required for new construction would help support Decon efforts

Tolga: Building trades tend to be conservative and forcing something to happen is not received well - incentivize to get early adopters

Gretchen: Baltimore is requiring 1% of Decon material

Lisa P: Reminds me of French using idea for incentivizing using recycled materials - tipping fees?

Gretchen: Higher!

Diane: Higher! No state law requiring this

Dr. Kelles: Create incentives; perhaps raise state tipping fees and let municipalities decide; citizens need to be collectively demonstrating in order to make change

Question from audience: can the panel comment on why there is a stronger focus on residential? What would be good areas to focus on in commercial?

Eric: Residential is generally easier to focus

Carlo: In Troy, example was given of the parking garage - that was salvaged to a degree; asbestos and abatement poses an issue and much material is rendered unsalvageable

Dave: residential building renders residential materials for residential customers; the struggle for the industry nationwide is that commercial builders aren't looking for deconstructed materials

Jackson: To the point about car dealerships reinventing their facade, this material is less likely to be reused because it was designed for a particular aesthetic - its not easily used somewhere else in an effective manner

Kevin, ReUse Action Buffalo: His efforts at ReUSe Action are incentivized by the marketplace but not the govt - good material moves; incentives are helpful but let's think broadly about them

Jennifer: NYS should be a leader in these efforts - we can do this!

Q from audience: Do we have data on what is coming from residential vs what is coming from commercial?

Dr. Kelles: No, we don't have this data; it will be important that this data is broken down (tile, Sheetrock) and standardized

Gretchen: There is data, not much of it and it's not usable in terms of helping us measure success now or in the future. What Dr. Kelles is saying is important - having standardized info and more granular data. Building waste is the largest source of waste. We need to start there - in gathering the data. **Eric**: We need to have the infrastructure to create the policy and create incentives - we can't continue this great conversation without community engagement and education; public pressure will be key; Zombie Enforcement can be a revenue stream; use the leverage - make bank deconstruct vs demolish

Nicole: What role would Decon ordinance play in preventing demolition by neglect?

Sam, City of Albany Code: The best way to prevent demolition by neglect is to fund code enforcement - the litigation process is lengthy; demolitions that happen in the City of Albany are largely emergency demolitions

Tolga: The Zombie Property law could be helpful but the addresses are shielded at the state level - can't single out the bad actors as a result; article 19a now called 19c - foreclosure on abandoned properties; how can local govt more quickly sell or auction homes instead of sitting on them until they need to be demolished

Eric: Truly need strong code enforcement; timetables could be edited in favor of preserving these assets