

 Speaker 1 - 01:44


Check, check.

 Speaker 2 - 23:55


All right, we're ready to start.

 Speaker 1 - 23:56


Roy. Yeah.

 Speaker 2 - 23:57

Let everybody in. Everybody's on. All right, good morning, everybody. We're gonna get started. We were waiting for one of the other members. I know we got a little bit of a late start, but I know it was traffic. So we're just trying to work through that appropriately with the teams. And this should be pretty straightforward meeting. So hopefully, you know, we are open for comment. I didn't see any comment cards, but I want to ask what I did be. If you do have plenty, please come up. So first off, welcome, and let's just do the Pledge of Allegiance.

 Speaker 1 - 24:30

All right.

 Speaker 2 - 24:49

Thank you, everybody. Thank you. Okay, so we are going to be doing a roll call. It's going to be pretty easy. I can't turn the volume up. It's over there. Okay, so member Horlan, Member Mead here, Member Newton. Okay. Scott might be stuck in traffic, so we'll see how that goes here. But it'll be appropriate with him. Okay, so the first thing I'd like to be able to do this morning is the selection of the chair and the vice chair. I think this should be pretty easy. We have any nominations for chair or. Oh, I'm sorry. I apologize. Public comment. I don't see any public comment cards. But is anybody who would like to come up and provide public comment today? All right, thank you.



Speaker 1 - 25:42

We'll move on.



Speaker 2 - 25:46

Next item. Selecting of chair and vice chair. Do I have a nomination for the chair?



Speaker 3 - 25:50

Like to nominate Mr. Mead.



Speaker 4 - 25:57

Thank you.



Speaker 2 - 25:58

Okay, Jamie.



Speaker 1 - 26:00

Okay, vote.



Speaker 2 - 26:03

All in favor?



Speaker 3 - 26:05

Aye.



Speaker 4 - 26:07

Vice chair. Nominate Ms. Horland.



Speaker 3 - 26:14

Thank you, sir.



Speaker 2 - 26:15

All right, thank you.



Speaker 1 - 26:17

Hello. Hi.



Speaker 3 - 26:19

Hi.



Speaker 2 - 26:19

Okay, so that's done. Thank you very much. Next, with regards to the meeting minutes from the June 17 meeting, do I have approval on that?



Speaker 4 - 26:29

I move to approve second.



Speaker 2 - 26:31

Okay, thank you very much. Okay, next item, and this is going to go. This is going pretty quickly, is with regards to the inclusion of the recycling commercial recycling as part of this subcommittee. It was brought up last week or last Monday with regards to incorporating that into this subcommittee. And the reason is, it's. It's. Someone has to do with overall commercial recycling. The example that was used in the white paper and has been discussed numerous times is with Lee County. When you go through Lee County's ordinance, you can see that it's not only just for C and D recycling, but it's really about commercial recycling overall. And it includes not only the commercial recycling component for businesses and industrial, but also includes multifamily unit and C and D recycling. With regards to the commercial.



Speaker 2 - 27:20

I think there's two different ways to look at through that here in a second.



Speaker 1 - 27:23

But.



Speaker 2 - 27:25

And with regards to multifamily unit recycling, typically that is picked up on a commercial route. The reason for that is it's usually not a cart service or some type of bag service. It's picked up with a front load bin and a front load vehicle. Bigger bins, 1 cubic yard or larger. They're typically behind a facility. It's a shared use behind that facility. And it makes sense to be able to work through, you know, possibly developing a recycling program for the multifamily unit along with the commercial recycling, because they'd be, you know, they're collected in the same manner. Not that it would be collected in the same truck. The MSW would be collected in one vehicle. There'd be, say, another container that would be appropriate for the mixed recycling behind that type of facility, and it would be picked up in another front load truck.



Speaker 2 - 28:14

But there are options for commercial recycling and multifamily unit recycling. We can discuss where it could be provided in some type of cart service also and maybe even picked up as part of the residential service. But that would be something that would be discussed and reviewed as part of that item. But is there, you know, we're really talking about including that as part of this subcommittee, and I just wanted to get feedback on them from the members. With regards to the inclusion of the commercial recycling along here with C and.



Speaker 4 - 28:46

D, I think it makes sense. It's the same container, basically, correct.



Speaker 2 - 28:51

Same type of container.



Speaker 4 - 28:53

So it would make sense to have continuity on pickups there. And I don't know that there's going to be a tremendous difference in the amount of waste. Am I wrong on that?



Speaker 2 - 29:05

You know, the example we'll keep using today would be, say, if there was a two cubic yard service for commercial recycling, typically what you would do is go out to the business. We would look at that business and determine and offer them a recycling container. Say, but with that, you're going to be moving a portion of the volume from the commercial MSW bin into this new commercial recycling bin. All right, so you can have a reduction in the garbage service. It would probably, you know, in this example, say, go from two to one cubic yard.



Speaker 1 - 29:37

Right.



Speaker 2 - 29:38

And then they would be offered a 1 cubic yard, say, recycling bin, still having the same volume of service of collection weekly for 2 cubic yards. But it is a different service. And I'll get into a little bit more detail or we can talk about that. Right now if you'd like, I can just jump.



Speaker 4 - 29:56

Let's go into the differences while we're discussing it.



Speaker 1 - 29:59

Okay. Yeah.



Speaker 2 - 30:00

Okay. That's okay.



Speaker 1 - 30:02

Member Horlund.



Speaker 2 - 30:03

Okay, so with regards to the recycling services and what other cities do in the past or that have been a part of is they develop the commercial recycling program. It does include multifamily unit. There's different ways to work through that, but typically it's some type of sit. And this is done on a local level. It's done with the city or the county. It's really not handled by the solid waste authority. They can provide guidance. We can provide templates for the ordinance development and we can provide oversight typically for the different types of authorities that have been a part of in the past. But we would roll out say a commercial recycling ordinance. It would, it would. And part of that ordinance, it isn't mandatory.



Speaker 1 - 30:46

All right.



Speaker 2 - 30:46

It is actually optional. It's something that you would be able to work through in each of your communities as being an additional service that's provided to the commercial businesses. Part of that would be that we would say work through this ordinance.



Speaker 1 - 31:00

Right.



Speaker 2 - 31:00

And it would be safe for any commercial business. Commercial business, whether it's industrial or commercial or multifamily unit complex that has over 2 cubic yards of MSW collection weekly.



Speaker 1 - 31:15

Right.



Speaker 2 - 31:16

That they are offered. All right, the recycling program. And that can be something that's either offered by the franchise hauler or that could be offered by maybe an outside company that's willing to come in and provide that service. Now, with regards to the service, like I said, usually there's a change in volume, all right? Not everything in the current 2 cubic yards of MSW service is actually garbage. There's a portion of that is recycling. So there would be outreach, there would be education for each of those businesses developed either by the businesses or the service provider, the franchise hauler or an outside recycling company to be come in and do that review, they would underst. They would look in the two yard garbage bin and say, yes, there's 50% recycling in your bin.



Speaker 2 - 32:05

All right, so let's reduce the size of service for the MSW bin down to 1 cubic yard and provide a 1 cubic yard recycling bin. Now, as part of that, there is additional, there is a cost for that.



Speaker 1 - 32:18

All right.



Speaker 2 - 32:18

For that recycling bin. However, remember, you just reduced the garbage bin from 1 cubic yard or from a 2 cubic yard to a 1 cubic yard. That 1 cubic yard is being picked up, you know, in a route density that's typical, you know, say 100 stops a day. And they've worked out through that their requirements to be able to work through those efficiencies on the collection route. Now they would additional container would then be brought out to the site. With regards to the various education that 1 cubic yard recycling bin and routing in truck would be needed to be able to service those bins. Now typically that density isn't the same. It's not a one for every garbage bin and a stop that you would have on that route. There's not one related recycling bin because there is the opt out.



Speaker 2 - 33:10

You don't have to be a part of the service. So that recycling route typically has a much greater service area on a daily basis.



Speaker 1 - 33:18

All right.



Speaker 2 - 33:19

To be able to one so that before that truck gets filled, before it becomes serve step volume. So it's not exactly the same cost as the garbage collection because it has a greater area that it services on a daily basis. And the density is different with regards to the recycling material than it is with the garbage material. So that would be something that would be worked out with the franchise hauler or an outside recycling company. Now as part of that commercial recycling program, there would have to be coordination with the local franchise hauler. I would anticipate to be able to offer that service.



Speaker 2 - 34:05



There would be some type of education that would go out to the businesses or there would be something that could be developed as a template, even possibly by the Solid Waste Authority as a template for the local cities to use in the county and to be able to show how the program works, the advantages of recycling and hopefully to be able to work through the various maybe rate adjustments that would be needed in the franchise agreement to be able to offer that recycling service. It's not for free, right? There is a cost to run that truck, to put that extra container there, to be able to staff that truck and then take that material to a recycling facility. With regards to that program, then.



Speaker 1 - 34:52

You.



Speaker 2 - 34:52

Know, it'd be something that would be monitored by each city. It would be something that would be monitored by the cities. Each city, each individual city or the county. And we could provide. The Solid Waste Authority would provide oversight. And what I mean by that is this. On annual basis we would be able to hire say an outside firm to come in and work with the local city or county public works department just to show that they that each commercial service address, including the multifamily was offered.



Speaker 1 - 35:24

All right.



Speaker 2 - 35:25

The recycling program, if they don't want the recycling program all right. Obviously that during that some type of, you know, in person contact, there would be a piece of paper signed off that said that that parcel, that business did not want recycling and it would go into a folder. We would come in on say annual basis hired, say hire an outside firm. They'd be able to come in on annual basis and review that every service address, commercial service address was offered the program. These businesses chose to participate in the program with the parcel addresses and these did not. And there would just be a quick audit that there would be that between the service addresses that are participating and the pieces of paper, in essence from the businesses that signed off that did not want to participate. That's it. It's that simple.



Speaker 2 - 36:21

All right, now we are in this program. It's making aware, all right, that businesses do have opportunity to recycle those businesses. Because in the past there's been times where the business. Well, I don't know how to recycle. I haven't been offered a recycling program. I don't know what the steps could go forward with that. This helps solve some of that. Now it doesn't mandate under, with an, or you know, some type of, you know, mandatory collection, the recycling program, especially on the business side. So we're not dealing with flow control or anything like that, but it is offered to them. And those businesses that want to participate can participate. Obviously there would be outreach and education not only by the city or the counties or the county, but also by the solid waste authority of the vantages of commercial recycling.



Speaker 2 - 37:12

And we could develop different media campaigns, et cetera, to promote business recycling throughout the community. But again, it's not a mandatory service. It's something that's optional, that would be up to each individual business and that would be either the property owner or the building management company to make that decision and then to provide the training and the education to the individuals in those facilities on how to be able to actually recycle.



Speaker 1 - 37:43

Right.



Speaker 2 - 37:45

This is one of the low hanging fruits that we keep talking about numerous times for the last year and a half that I've been here with regards to the master plan. And it's something that it really doesn't take the solid waste authority to do anything to be able to push forward. It's really on the impetus of each of the city and the county to start pushing that through each of, you know, their, with each of their constituents and be able to move that forward. I think I summed up most of it. I'm sure you have questions on this now on how that type of work, but that's similar to a program. You see, Lee County's program is similar to that. It's a little bit different.



Speaker 2 - 38:30

Most of this framework that I just went through is how it's done in California, obviously with stopwaste.org org in San Jose, California. San Jose was one in one of the cities that was provided in the white paper for the C and D option. I'll come back to C and D in a second, but. Okay, so member Horland quickly, and I.



Speaker 3 - 38:53

Apologize if I missed this in a previous conversation, but I'm looking at Lee county here on page 10 with the business recycling requirements. All businesses with in unincorporated areas of Lee county shall establish an on site recycling program. Why is it that we're making it, you know, we're trying to get to that aspirational zero waste. Why are we making it a option and not.



Speaker 2 - 39:17

This is an example that I went through for this discussion today.



Speaker 1 - 39:21

Right.



Speaker 2 - 39:21

We can, you know, look at something that's more similar to Lee County. So it's a shallow. But I know there's concerns with regards to flow control and especially with regards to if there's a charge for recycling.



Speaker 1 - 39:34

And I'm going to.



Speaker 2 - 39:35

And I'm sorry, I'm using California again, it has to be optional because it can't be an additional charge mandatory in California. All right. So I know there's concerns. I know Jamie can maybe talk about that a little bit at a future meeting. I don't know if he's ready for that today.



Speaker 3 - 39:51

Okay.



Speaker 2 - 39:52

But if we develop, say a template or a path forward with a commercial recycling ordinance, you know, we would somewhat try to mirror what at Lee county has now with regards to the SHALL or the optional. We can look at that as part of a discussion as we move forward with that. But I know there's a concern about shall. So that's why I keep bringing up the optional service.



Speaker 3 - 40:18

That's why I want to better understand why it would be optional, not required.



Speaker 2 - 40:20

Correct.



Speaker 3 - 40:21

Thank you.



Speaker 2 - 40:21

So, and it was really just as an example in this piece right now.



Speaker 4 - 40:27

Then I think there has to be economies of scale. We can't have just a few sign on board and not have the rest of the city because that's not going to work out. So there has to be some type of economies of scale involved here as well. What was one of the reasons that I wanted to have Lee Kelly come over here and Speak. And I'm sorry that, that didn't work out.



Speaker 2 - 40:52

I would. Sorry.



Speaker 1 - 40:53

They can't.



Speaker 2 - 40:53

They canceled. There was various scheduling issues. They may be available in the future, but they weren't ready to commit to that for any now or any future meeting.



Speaker 4 - 41:04

I'm willing to drive over there. That's not a problem. I'll take a day and drive over there. If they could give me the time to talk, I can set that up. I think her name was Rodriguez.



Speaker 2 - 41:14

If I remember, it was a him. And yes.



Speaker 4 - 41:18

Okay, that's not a problem for me if that's.



Speaker 2 - 41:22

Now, remember, they don't have facilities because it's actually done with the current franchise haulers and a number of different, you know, the current infrastructure that they have in place. But they could just talk to us

about, you know, talk to you, especially if you went over there about, you know, the challenges of their program, the successes of their program.



Speaker 4 - 41:40

Exactly.



Speaker 2 - 41:40

Provide, you know, maybe some additional insight on moving our own forward.



Speaker 4 - 41:44

I think it's important to talk with people that have been there and done it. And that's why I tried to get some more information there. As far as they don't have an office, I got jeans and work boots. I'm not afraid.



Speaker 2 - 41:55

So, yeah, no problem. Now, with regards the economies of scale, real quick, I would like to be. At least answer that one. To be able to roll this out is something, again, it's on an optional basis as an. And it would scale up. You're not going to get 100. You're not going to get, you know, maybe even 10% participation the first quarter that we start rolling this out. It's something that is provided as an optional service. You would have to be able to negotiate that with your current franchise hauler because it is an additional pickup that's going to be provided to the commercial businesses or the multifamily units. But it isn't something that's good. It doesn't require for, you know, every garbage collection point where they have to come out with an additional container for everyone in your city.



Speaker 2 - 42:35

It would be something that would scale up over time. And you know, honestly, at the beginning it's going to be. There's going to be some challenges until people understand the program. There's bugs worked out with the program, obviously there's that outreach and education to the business communities and that has to be done on a concerted effort by the cities, whether it's through the public works department or some other mechanism that is at each of the Cities or the county to be able to promote the recycling, the business recycling programs.



Speaker 1 - 43:06

But.



Speaker 2 - 43:09

You know, with regard to the economies of scale, I think especially with regards to the processing of the recycling, which has been a challenge here in Broward county because there really is a lack of recycling processing capacity. This material in a lot, in many ways especially is collected. It's cardboard, it's glass, it's the bottles, plastics, you know, whatever would come out of an commercial or industrial facility. Not the food waste. We're not talking anything about food waste right now. It's just a conventional recycling. A lot of that material can be actually brought to the same type of recycling processing center that the current that's available for the residential programs. There's some size issues with regards to the bigger cardboard in that bin going across those lines, but it's not anything that the current recycling processors could handle.



Speaker 2 - 44:03

And the new facility that Waste management is putting in has shredders on the front end. So that is not a problem at all. Sorry, I keep talking here.



Speaker 5 - 44:16

I did want to mention one thing. Remember, although it's mandatory, there's a whole bunch of exemptions that you can get. So if you're like, there's an exemption for any commercial business on minimum refuse service, there's also an exemption available. If it's going to cost a lot of money, There's a whole bunch of different exemptions. So it is mandatory with exemptions?



Speaker 2 - 44:38

Yes. And we can develop that. That's something that, you know, I'm looking today, I'm looking for the guidance to be able to develop, you know, for us to be able to provide, maybe develop the template, develop, you know, maybe the structure of the program and, you know, if it mirrors Lee county, fine. If it's some other community that was in the white paper, we're willing to look at that. But to be able to provide that guidance because ultimately, again, this is one of the largest components of the waste, one of the larger components in the waste stream that we need to be able to provide recycling services to so that we can remove that material from the waste stream so that we can, in essence, you know, not be sending it to the landfill or the waste to energy facility.



Speaker 2 - 45:21

And we got to start someplace working with the businesses. It's an easy program. I know it sounds like a lot of work, but it is an easier program to roll out than, you know, putting out organic, clean, green yard waste collection at every residential business. Because it is a phased approach. It is something that's optional. You can work with Your local franchise haulers. It shouldn't be that much of a disruption to the current franchi agreement, especially if there was some type of amendment made to provide the services within your community.



Speaker 4 - 46:00

Okay, thank you. And I. I think it's a good idea to move forward with this. I don't know how you feel about it.



Speaker 3 - 46:05

I concur.



Speaker 2 - 46:07

Okay. So with that, there was a question with regards to cost.



Speaker 1 - 46:14

All right.



Speaker 2 - 46:14

Now, to be able to analyze that cost portion of it, I would recommend.



Speaker 1 - 46:18

All Right.

Speaker 2 - 46:19





And I'm looking for approval from this group to be able to provide. To be able to have SCS as part of an additional task, say task 19 in their master agreement that we have with them to look at the financial implications of rolling out the commercial aspects, the commercial recycling program. It wouldn't be. It wouldn't be in that much detail, but they can provide some oversight, some guardrails on what a standard program would look like and, you know, possibly, you know, what. What the cost would be estimated ranges with regards to that program to be able to offer that service and the development and help with the development with. Along with legal on the development of a commercial recycling ordinance.



Speaker 4 - 47:08

So we'd be looking at them to provide costs. To provide feasibility.



Speaker 2 - 47:13

A cost estimate.



Speaker 4 - 47:14

A cost estimate range.



Speaker 2 - 47:15

I got it.



Speaker 1 - 47:16

Yeah.



Speaker 4 - 47:18

Timeline.



Speaker 2 - 47:19

Timeline. Yes.



Speaker 1 - 47:20

Okay.



Speaker 2 - 47:22

And an overview of the, you know, the. The program that we're asking for.



Speaker 1 - 47:27

Okay.



Speaker 4 - 47:28

And any idea what that cost would be to them, to us? To them?



Speaker 2 - 47:33

I think that's what you.



Speaker 5 - 47:34

I think what you need to do, what you can do today is decide to ask them for a proposal. They'd have to give you a proposal with the proposed costs. That would then have to go to the. The executive committee.



Speaker 2 - 47:44

Correct.



Speaker 5 - 47:45

It can come with a recommendation from you, but ultimately they have to. The executive committee would have to make the decision. But at this stage, I think the first thing you need to do is just ask them for a proposal.



Speaker 1 - 47:55

Agreed.



Speaker 5 - 47:55

Then you can go to the next.



Speaker 2 - 47:56

Step at the next meeting, and that's a guidance.



Speaker 3 - 48:00

I'll make a motion to have SES provide a proposal to what that scope of work will look like with the cost so that we can bring it back to the second.



Speaker 2 - 48:10

Similar to the program I described, Correct?



Speaker 4 - 48:13

Yes, and I'll second.



Speaker 2 - 48:14

Okay. The program I described is almost identical to what San Jose, California has. So it's not. That shouldn't be too much of a lift for them. Okay. Yeah, you don't need official.



Speaker 5 - 48:27

I think we have consensus.



Speaker 2 - 48:28

Yeah. We got.



Speaker 5 - 48:29

Todd will request the proposal.



Speaker 1 - 48:32

Correct.



Speaker 2 - 48:34

So commercial recycling and that commercial recycling would include.



Speaker 1 - 48:38

All right.



Speaker 2 - 48:38

The ability to add in the multifamily units.



Speaker 1 - 48:42

Right.



Speaker 2 - 48:42

Which is, you know, portion of the residential. But not service as part of the residential collection system because it's done with a different vehicle and different collection containers. Okay.



Speaker 4 - 48:54

I think part of that too should be study about the economic feasibility of one cubic yard containers.



Speaker 1 - 49:01

Yeah.



Speaker 2 - 49:01

Giving an example. Yeah, perfect. Well, it would be the 2 cubic yard example because you'd go. It would be a minimum service because like even in Lee counties, if you're at minimum service, that minimum service is typically, which is excluded in lease is 1 cubic yard. There's really not much to do there.



Speaker 1 - 49:17

Right.



Speaker 2 - 49:18

So that's why I said with regards in the example that I used 2 cubic yards or more of weekly MSW service.



Speaker 1 - 49:27

Okay.



Speaker 2 - 49:27

So we would use that as possibly as the example or in the development of the proposal.




Speaker 1 - 49:33

Okay.




Speaker 2 - 49:34


Is that acceptable? Okay, thank you for that. I think that's a good step forward, especially as we try to go after all the low hanging fruit. And the more, the sooner we can get this up and running, the sooner we can divert that material and see if we're going to be successful in moving MSW away from the landfill and the waste energy facility. And it's very straightforward. I see with the timeline we could have that up and running within a year. Okay. Now C and D recycling. All right, I'm going to go. We're okay to move on to that one.

 Speaker 1 - 50:08


Okay.

 Speaker 2 - 50:11


Thank you. I got a lot to say, as you can tell today. So. And I'm going to come back to the verification and the oversight in a minute. So we'll work through that discussion on the C and D. On the C and D recycling and demolition.

 Speaker 1 - 50:24


All right.

 Speaker 2 - 50:25

Typically. And where we are with that, and it's somewhat similar within the Lee county ordinance, but it's also with regards to the presentation that I gave at the last C and D subcommittee is a deposit program. And what that involves is this. Each construction project has to apply for a building permit, whether it's a tenant improvement or, you know, whatever that may be with regards to the construction project. And that could. And right now I'm excluding single family residential.

 Speaker 1 - 51:04

Okay.

 Speaker 2 - 51:05

Because there's some complications with that one. But anything beyond that. All right. Single family residential turns in for a building permit for tenant improvement or a new facility or the addition on the add on to a facility to turn into the building department for that permit. Now part of that permit process in the C in a C and D program, C and D recycling program. We would add an additional step. That additional step would be a deposit program, all right. For recycling C and D recycling compliance. And what that typically is in the example I think we used at the meeting last week was based on square footage of the project. But it can be done in any different method. It could be. It could just be a flat fee.



Speaker 2 - 51:51

It could be something where it's depending on, again, square footage or some other mechanism that you decide that is important. So as part of the application process, all right, There would be a step added with the local building department to be able to collect a deposit. Collect a C and D recycling deposit. That deposit would be then deposited with the city or the county into an account.



Speaker 1 - 52:20

For.



Speaker 2 - 52:20

And it would stay there. Now, the construction project would proceed. It would give approval to proceed. It would start going through the building or it's tenant improvement as it's doing that and it's actually under construction, all right, it's making waste. It's making residual products at the site as part of that C and D. C and D program, all right, the contractor or the applicant for the permit would be responsible, all right, to contract with an entity that would bring all of the residual materials from that construction site to a certified C and D processor. I'm going to come back to the certification in a minute. Okay, so just keep this straight. Would go to a C and D processor. That C and D processor would meet some type of minimum requirement. I'm going to just use an example right now that it would.



Speaker 2 - 53:19

That C and D processor has to show that they get 50% diversion, all right. Of their inbound stream, which means that they're able to recycle 50% of the inbound C and D material brought to their site. The material from the construction site would be go to. That would go to that C and D processor. They would process that material. And in essence, we would be getting, say in this example, 50% diversion of the C and D material.



Speaker 2 - 53:49

Now, at the end of the project, right when the project is complete and they're going for final sign off of the permit, the final permit sign off, they would have to show the applicant or the contractor, however this works out, which have to show that the residual that they contracted, obviously with a hauler or somebody that brought the material to the waste material, the residual materials from that project to one of the certified C and D processors, if they showed that the residual materials went to one of these certified C and D processors, right. The building, as part of



the final sign off, they would get their deposit money back that simple. If they can improve or show that the residual materials from that construction project went to one of the certified processors, the local building department, county or city would keep the deposit.



Speaker 2 - 54:56

That simple. And there's a little. There's some more complications to it. Now it's with regards to the certification process, but with regards to the overall program, that's typically how that works. Now that does require at each of the construction sites two bins. Right now they typically probably have one bin, right? Everything goes in it. The putricible waste, the garbage and the C and D recycling. Now they'd have to have two bins, one for the retrieval garbage and the MSW that's created at the site, obviously much smaller. And a C and D recycling bin. And that would be a mixed bin. It wouldn't just have to be wood in one bin or you know, asphalt and concrete or something in a couple other bins. It would all just go in one bin.



Speaker 2 - 55:38

And the C and D processors would process the materials and separate them and do the best beneficial use for those materials that they're able to extract from the mixed recycle the mixed C and D recycle bin. There's a number, and I know it's been brought up a couple of times at the executive committee that you know that there was an idea of flow control and sending all of that material to the BIC site in the development of a C and D program of processing facility out at the BIC site. That's not the case. There is capacity. We've shown in the executive summary or I mean the master plan that there is capacity already here in Broward. There's C and D processing capacity here. There's C and D processes, processors, they're CND processing sites, they have capacity.



Speaker 2 - 56:28

And through discussions with the current C and D processors and their representatives, they can add more processing capacity. The issue is that they don't have a guarantee on the volume that is going to be driven to their site. So why do I spend another million dollars on a shredder or a screen if I'm not getting any additional material? That they're still just putting it into the MSW brand bin and bringing it out to BIC or Monarch? Why bother? So this would be a mechanism not only to be able to stand up the C and D recycling program, but it also give in essence a piece of paper to the current C and D processors to upgrade their facilities, to upgrade their throughput capacity.



Speaker 2 - 57:15

And we believe especially it's been demonstrated in the master plan that there's plenty of C and D processing capacity out there that opening up to the market like this is the best way forward to be able to work through that. Now, in addition, each contractor or parcel owner or applicant for a building permit, this falls within recycling. They could contract with whomever.



Speaker 1 - 57:40

Right.



Speaker 2 - 57:40

Cnd, you know, obviously they'd have to use the local hauler. Maybe there's a hauler requirement, et cetera. I'm not quite sure with regards to the franchise agreement. But they could in essence, bring it to any of the C and D. Any C and D processor in the county that meets the certified C and D processor portion of it. So it is open market. There is going to be companies that want to compete there maybe offer a very competitive price. There's other companies that may not want to compete in this market that wouldn't offer a competitor competitive price. But it's up to the market. The market would decide that, and the applicant, the contractor would be able to take that material to where they thought was best for them. Before I get into the certification, that's an overview of the program.



Speaker 2 - 58:34

All right, I'm available for questions here on that. Before we move on, my questions will.



Speaker 3 - 58:39

Be about the certification process. Will it be a standardized form? So I know you'll get to that. So I'm going to use waste management as an example because they just had a project in the city of Plantation where it's a demo, completely demolished the building, and they were able to bring in the concrete crusher to the site, which really was fascinating to watch because they were able to process the concrete right there. They did not have to take it to a facility. The purchaser of that end product was able to come with a dump truck and retrieve that. And now we're saving from having extra trucks on the road. So it was really something that I would like to see encouraged. And again, with the open market, I think that you'll see more of that.



Speaker 3 - 59:22

So how would that process work with someone like that? There would be a standardized form. If they're coming to the site, if.

Speaker 2 - 59:29



The processing on site, they would just have to demonstrate that they contracted with a company that came in on site and did the service.



Speaker 1 - 59:35

All right.



Speaker 2 - 59:35

And that the end material that was produced in this case the concrete, didn't go to the landfill. It went for other somewhat other beneficial reuse. Whether it's, you know, base rock or, you know, construction material someplace else. It would be very simple to be able to work through that. Because the larger projects. You're right. If we're Tearing down, you know, an industrial whole complex. It's much easier to come in. They're going to come in with the excavators, they're going to take out all the metal, they're going to come in with a concrete crusher, they're going to pull out the concrete, they're going to crush it up right there. It's very standard practice.



Speaker 3 - 01:00:10

Okay, I'll let you member me speak and then I want to hear more about the certification program process.



Speaker 4 - 01:00:15

Thank you. I'm sure there's going to be some exceptions. This is, I know you mentioned single family housing was a little bit separate and according to Lee County, I think they had some exceptions for certain small parcels. That makes sense.



Speaker 2 - 01:00:31

Like under 20,000 square foot or something or some 2,000 square foot, whatever.



Speaker 4 - 01:00:36

Yeah, some arbitrary number which makes sense. But it would just briefly, I don't want to get into it, but what's the, what's with the single family housing that you feel that's a different.



Speaker 2 - 01:00:46

Breed of cat sometimes with regards to you going for a building permit to do, you know, to turn your garage into a bedroom.



Speaker 1 - 01:00:53

Right.



Speaker 2 - 01:00:53

It's, it adds, you know, maybe in that case it adds additional cost to that individual family that's just trying to provide an additional bedroom.



Speaker 1 - 01:01:02

All right.



Speaker 2 - 01:01:02

For their, you know, for the family. And we can look at, you know, different options there. But you know, typically we're offering a recycling program, a curbside recycling program, residential recycling program. We're talking about adding a curbside yard waste program to each of the single family residential houses. They have some type of recycling service already. Now that doesn't mean if they're doing the work and a lot of times, you know, they go in for a building permit, maybe they're doing the work themselves or it's, you know, being done by a family member, there are going to be options because we will have these certified sites where they can bring that material to them. Also, it's not just for the commercial businesses for the. That are offering C and D processing. So it's something that we can look at.



Speaker 2 - 01:01:49

But I would, you know, we would look at that as a phased approach, maybe a next step if we want to bring in the residential portion because really this is really the big hitter is on the commercial side.



Speaker 1 - 01:02:02

Okay, thank you.



Speaker 3 - 01:02:06

Like to add that. I would like to see that as a phased in. I agree that we're looking at the larger scale with the commercial, but I would like to see a way not to incur more costs for the residents. But I think if there's a homeowner and they're doing complete remodel on building addition, there'll be a fair amount of debris. And I'd like to see a way we can incentivize that.



Speaker 2 - 01:02:27

Okay.



Speaker 4 - 01:02:27

Yeah, I think that would be where a minimum square feet might come in. Something like that.



Speaker 2 - 01:02:32

Okay, no problem. It's definitely something we can look at certification programs. All right, so for. Let's. Well, see now we're on C and D right now. Let's just talk about that. So what that would be. And I would propose something that's similar to other cities that have been a part of where, say, the solid Waste Authority is the. Provides the oversight for the C and D recycling pro for the C and D recycling facilities. When we first roll out the system, those businesses that want to be A certified. That want to be a certified C and D recycler, all right. Would have to incur. The business would incur the expense to become a certified C and D recycler. We would provide guidance on what would be needed for a certification.



Speaker 2 - 01:03:14

But I would recommend that the certification is reviewed and approved or recommended by a third party. There's other third party companies in the United States that come out and certify C and D processors to meet certain requirements. I'm going to use the basic requirement right now, and it's something that's in the master plan that at least achieve a 50% diversion of the inbound material stream. So that means we're not trying to get into the actual. Of each site that came into the facility had to get 50%. What it is all the material, all right, the gross that comes into the C and D processor.



Speaker 1 - 01:03:54

Straight off.



Speaker 2 - 01:03:55

Of weight tags that 50% of the material that comes across their gate, across their scale.



Speaker 1 - 01:04:01

Right.



Speaker 2 - 01:04:01

Is diverted from. From the landfill that it has gone for beneficial reuse. Something that's very simple like that. Now, as part of the certification process, those companies also look at, you know, different markets for the wood, concrete, the metal, maybe the asphalt, sink asphalt, false singles. Sorry, I got a little tongue twisted there. And making sure that, you know, there are markets for those materials and that they're moved into those streams so that they can be used for beneficial reuse within the community. Once they look at all these different inbound streams, they look at the facilities, they look at the processing capacity at the facilities, the equipment, they sign off the facility, take the responsibility, obviously, that this is a certified processor and gives them, you know, some type of certification. We would develop an Oversight of.



Speaker 2 - 01:04:59

Once they receive that initial certification, it would be turned into, you know, obviously to the cities, but in addition to that to the Solid Waste Authority. Now as part of the oversight, what we would, I would recommend that we would develop a contract with, you know, one of the certification companies that they would come in on a semiannual basis and go out to each of the certified C and D processors and make sure they're doing what they're supposed to do. It's not just a one and done thing. Oh, they got a certification, you know, six months ago and now they're good for the next 10 years because their business has changed. We want to make sure that they're doing the right thing. So there would be some type of oversight. Right. Some audit procedure where we would hire an outside company to come in.



Speaker 2 - 01:05:48

And I would recommend saying a semi annual basis that goes out and checks the books, as they say, does an audit of the books, that, hey, the material that came in 50% went for beneficial reuse. As long as they keep up that audit process, they keep their certification.



Speaker 1 - 01:06:06

Right.



Speaker 2 - 01:06:06

Material that goes to that facility meets the requirement under the C and D ordinance.



Speaker 1 - 01:06:12

Right.



Speaker 2 - 01:06:12

And as long as the contractor or applicant for the building permit can demonstrate that the material went to these certified processors.



Speaker 1 - 01:06:22

Right.



Speaker 2 - 01:06:22

They meet the requirement, they get their deposit back. But using a third party is, you know, a better recommended way to keep on top of that. And as you know, it helps us keep our costs down. We want to be able to work through that. You know, there's concern with regards to the Solid Waste Authority getting too bloated and some other things, but there's a number of these programs we can hire, put on an rfp, develop that outside third party to be able to do the work and then provide the information back to us. And that's how the C and D would work. Now, with regards to the oversight for the commercial recycling program, we would put out, say an RFP for the oversight of the commercial recycling program.



Speaker 2 - 01:07:08

And what that would be is some company would come in and go out to each of the cities. Each of the cities would then show the each of the commercial business parcels. And they would probably work with the franchise hauler in this area or how that or other recycling service provider to be able to go out, show the parcels that are commercial, industrial, multifamily unit check to make sure that they were offered the recycling program that they're currently participating, or there's a piece of paper that says for whatever reason that they're asked to be Excluded, and they don't want to participate. And they would just do that double check.



Speaker 2 - 01:07:52

And I would recommend we do that on annual basis just to make sure that people are participating, have the ability to participate, that it is still important to each of the cities and the county that the participation in the commercial recycling program is important to the community. But it would be that simple. Maybe it's a little complexity to it. I mean, I'm really. I am simplifying it, but it's. It's very straightforward.



Speaker 4 - 01:08:19

Yeah, there has to be some type of. The more complicated we get, the more harder it's going to be for people to work with it. And I want to avoid that. We want participation in this. If we keep making it more complex, we're not going to get to participate.



Speaker 2 - 01:08:35

And we don't want to make it hard for the cities and the county to additional, additional staff and complexity and overhead to their systems. We want to try to keep it as simple as possible to keep the cost down.





Speaker 1 - 01:08:47

Right.



Speaker 3 - 01:08:48

And as we're talking about costs, I mean, that's two RFPs that we're talking about right there. So I just want to. To have a better idea going forward is what the potential cost for those contracted oversight. The contracted oversight would be. I know it could vary.



Speaker 2 - 01:09:05

It could vary. What I would recommend, the same as we did with the C and D, is let's get a proposal from SCS as additional services under the current agreement and come up and have them come back with us with a proposal that we could bring to the executive committee and possibly and hopefully be able to move forward with.



Speaker 3 - 01:09:25

Okay, I'm fine with that.



Speaker 1 - 01:09:27

Okay.



Speaker 2 - 01:09:28

Yeah. And that's really. And again, you know, there's a portion that we can provide oversight, you know, the guidance, the sort of, you know, review of the certification. But really it's up to the cities and the county to be able to, you know, work forward on the ordinance. Will provide, even with the, say, addition with the SCS proposal, they can provide us some guidance there also. Obviously, Jamie and his firm is available. They can provide, once we get to that stage, provide templates to each of the cities and counties on how we'd like to be able to have them start working through that with their local commissions and staff. You okay on that, Jamie? I just volunteered. So C and

D recycling ordinance, commercial recycling ordinance, or, you know, C and D recycling program, commercial recycling program. That includes multifamily.



Speaker 2 - 01:10:32

I think we have a path forward, and it's both of these things. I believe we can probably have Rolled out within a very short time frame, we should be able to work through this and have this possibly up and running within a year. What you see below in the next item 10 is, you know, in essence, you know, phased in approach timeline with regards to how we'll be able to work through this scoping October, September, October. That's us developing, asking SCS for a proposal and working through that challenge. Hopefully we can get maybe a proposal by the next second executive committee meeting in October. Based on that, we can start looking at different, you know, draft different draft text on what the program would look like.



Speaker 2 - 01:11:26

With their assistance, I believe that we could be able to have a public workshop, get public input, say January 2026, and have something back for approval by the board, the governing first by the executive committee for the recommendation and then the governing board by say March 2026. After that, sometime, you know, later Q2, we would have different components, the draft template done, maybe some education, some draft education and outreach materials available for review for the different. For the executive committee and the cities within Broward county and looking for, you know, some type of adoption, compliance and I'm sorry I used the word mandatory there.



Speaker 1 - 01:12:16

All right.



Speaker 2 - 01:12:17

But, you know, be able to have that rolled out to each of the cities and counties for them to begin working through their processes by, you know, no later than, you know, this time next year.



Speaker 4 - 01:12:29

And I think it's important too that we get public input. We've got people there that this is their business, this is what they do. And I want to hear from them once we get some type of plan developed that we can get input from them. So hopefully we can get some more ideas there as well as visiting some of the other places such as Lee County's. And I keep going back to Lee county because it's close and because they've got a 97% recycling record. So it's, it's enormous. So they're doing something right.



Speaker 1 - 01:13:03

Yes.



Speaker 2 - 01:13:04

And it's one of the examples we use inside. And I think, you know, obviously this is a draft with regards to the phase in. We can adjust that somewhat. But, you know, that was a. It's a starting point. You know, we can make adjustments appropriately as needed. But it really starts with getting, you know, your recommendation to the executive committee next week to be able to get to proposal two proposals from SCS on helping us develop these programs.



Speaker 1 - 01:13:33

Okay.



Speaker 3 - 01:13:34

And I know we've talked about it in executive Committee, but obviously franchise agreements are a huge part of this. So I'll go back and talk to, at least to my staff and let them know where we are at this and how that could potentially impact. Because we are actually going out for RFP and actually with. We're looking at a consultant, how we go forward. So it's going to have to be a part of our conversation.



Speaker 2 - 01:14:01

Absolutely. You know, we want to be working coordination with the cities and the county. We're not trying to stand up something that, you know, works just for us. It really needs to work for the cities and the county. And, you know, we can provide some, you know, technical assistance and, you know, at the appropriate time, I think we can be the body that provides that oversight for the certification and then the auditing. But if each of the cities wanted to do it on their own.



Speaker 1 - 01:14:34

But.



Speaker 2 - 01:14:35

I think that would be. I think it would be more efficient if we looked at it as a whole.



Speaker 4 - 01:14:41

Yeah, I agree.



Speaker 1 - 01:14:42

I agree. Okay.



Speaker 2 - 01:14:45

Anything else? Okay, so with that, just before.



Speaker 4 - 01:14:49

We adjourn, I know we. We didn't have any comments before the meeting, so perhaps after listening to this, maybe there's a comment or two. If you want to come forward with. With additional comments, that's fine. If not, I guess we can adjourn, please come up.



Speaker 2 - 01:15:03

Otherwise, you can, you know, we check the site for the comments, the website all the time for comments on a weekly basis. So if there's something that comes up, please put a comment through on the website or. Everybody in the crowd here has my email, so just email me. Okay. We do have a comment. Okay, thank you. Just name. There's a. The little face. The little face on the black part. No, it's on the base there. Sorry.



Speaker 1 - 01:15:41

There you go.



Speaker 6 - 01:15:41

Thank you. My name is Louis DeVita. I'm with the Florida Waste Haulers and Recyclers Coalition. And just simply as I listen to the discussion, I have a lot of things that I could argue or not.



Speaker 2 - 01:15:58

Argue, but input I could give.



Speaker 6 - 01:16:00

And I think when you have these meetings, if you would bring a couple of us to the table so we could interact just as you do, I think it would be beneficial.



Speaker 2 - 01:16:12

Okay, thank you.



Speaker 6 - 01:16:15

I guess that's it.



Speaker 2 - 01:16:16

Yeah, we can work on through that. And the other comment I've heard lately is, especially with the subcommittees, we're pretty streamlined with that to be able to work through that challenge, just provide more time in public comment. It's hard to get through everything in two minutes, but maybe there's a way to provide, you know, at the beginning and the end, at least five minutes for additional comments or, you know, different items that you'd like to bring up.

Speaker 6 - 01:16:44



General public comments. I agree 100%. But there's people in this room right now that have 30, 40 years worth of experience in this industry. We're the guys that do it every day. We're the guys that. Our money is on the line. We're the ones that provide your service. We've been shut out. Everybody sits around these tables, excuse me, and tells us how we're going to pick up garbage, how we're going to process garbage. It's about time that we get up and we tell the commissioners, with all due respect, how the system works. We have people here from the municipalities. They're responsible to their individual commissions, mayors, etc. They don't get up and say anything because they're not allowed to. So again, I understand there's time restraints. I understand there's other things, but Vice Mayor Meadow, you said you would like us to participate.



Speaker 6 - 01:17:55

This is the best way to get us to participate.



Speaker 4 - 01:17:57

No, I agree with you. I think it's important. I think we need to refine what we're doing up front here a little bit better. Because right now this is very basic stuff, but I think as we get more into it, I think calling on, as you said, the people who do this for a living to get input, I think is going to be a vital part of this. You represent, obviously, the people that are taking care of this. We represent the cities that have elected us. So I, I agree with you completely. I don't have any problem with that. As, as Mr. Storey said, the subcommittees are a little bit more streamlined. We've got a little more leeway, a little flexibility, and maybe we can participate more.



Speaker 4 - 01:18:43

Yeah, participating more with the individual numbers here, whether it's 1, 2, 3, 4, 5, rather than have all the grouping at the front with the participation and the comments at the front. I don't have a problem with making it the individual numbers, the individual facets that we're dealing within reason. I mean, you can understand too, we don't want to be here till 4 o' clock either, but I think that's workable and I think that would be a good idea.



Speaker 3 - 01:19:15

Okay, so may I add, and I don't think it should be during a public comment. I think we conduct it similar to we do our industry days. I would love to hear from you. I want to hear about what the challenges potentially could be for you. So where we could do, you know, perhaps have a schedule and it's going to Take a little extra more, you know, maybe 15 minutes where, you know, we have a back and forth because we need to have a Socratic discussion. Discussion about it. Not just you standing at the podium for three minutes.



Speaker 6 - 01:19:41

Yeah. In years past we have sat collectively at the table with the municipal representatives, people from the industry, the elected officials and everybody was able to kick the ideas around and that's how we came to resolutions and solve problems. But when you look, when you have just one group just like I. It's not. Our group should sit by itself. Your group shouldn't sit. We should all be sitting together and working on this thing together and I'll shut up.



Speaker 2 - 01:20:16

I think maybe even for the next October meeting. I don't know team let me know out there. But we could probably have an industry day on the next meeting.



Speaker 3 - 01:20:24

That's what I'd like to. I'd like to hear some of the challenges that may present.



Speaker 2 - 01:20:30

We'll make that part of the next meeting in October.



Speaker 1 - 01:20:33

Okay, good.



Speaker 2 - 01:20:34

Let make sure we're clear. Next meeting is October 14th. It says right here from 9 to 10:30. But we can extend that as needed, maybe make it to 11:30.



Speaker 3 - 01:20:45

And I'm going to ask because I wasn't here for the last meeting and I know that reserving the room is an issue. Is

there any possibility of starting that meeting at 10 or that be too difficult.



Speaker 2 - 01:20:57

I'll look at the availability of the room. I think that next meeting is up in. This room isn't always available. I know executive committee meetings are like, yeah, let's do every Friday. But then I check the schedule. It's not available. Hence the reason I put the survey out that showed it goes a Monday and a Friday because the room wasn't available. But I'll see what's available.



Speaker 3 - 01:21:19

Okay.



Speaker 2 - 01:21:19

For an extended period of time and I'll see about.



Speaker 3 - 01:21:21

Yeah, if it's not too much. I've got two medical appointments that morning that I would have to move.



Speaker 2 - 01:21:26

So try to past 10, obviously, if we could.



Speaker 1 - 01:21:30

But. Okay. Yeah.





Speaker 3 - 01:21:32

But if it's not too much of an inconvenience, obviously I don't want.



Speaker 2 - 01:21:35

I think that's on a Tuesday also. Maybe I can see.



Speaker 3 - 01:21:38

I don't want member me to be here all by himself. Thank you.



Speaker 2 - 01:21:42

You got it. Any other comments, concerns items, anything else from the public comments? Okay, I think we got it. Okay.



Speaker 4 - 01:21:54

I think we're adjourned.



Speaker 2 - 01:21:55

Motion to adjourn. Okay, thank you.



Speaker 1 - 01:21:58

All right.



Speaker 2 - 01:22:01

Thank you.