

DRIP Committee

From: County Clerk
Sent: Wednesday, January 10, 2024 9:48 AM
To: DRIP Committee
Subject: FW: 50 Questions for Yummet / Brittany Zimmerman
Attachments: 50 Questions for Yummet.pdf

-----Original Message-----

From: Mike Ewall <mike@beyondburning.org>
Sent: Wednesday, January 10, 2024 8:58 AM
To: Tamara A. Paltin <Tamara.Paltin@mauicounty.us>; Alice L. Lee <Alice.Lee@mauicounty.us>; Keani N. Rawlins <Keani.Rawlins@mauicounty.us>; Shane M. Sinenci <Shane.Sinenci@mauicounty.us>; Thomas M. Cook <Thomas.Cook@mauicounty.us>; Gabe Johnson <Gabe.Johnson@mauicounty.us>; Nohe M. Uu-Hodgins <Nohe.Uu-Hodgins@mauicounty.us>; Tasha A. Kama <Tasha.Kama@mauicounty.us>; Yukilei Sugimura <Yukilei.Sugimura@mauicounty.us>
Cc: mayors.office@co.maui.hi.us; County Clerk <County.Clerk@mauicounty.us>
Subject: 50 Questions for Yummet / Brittany Zimmerman

[Some people who received this message don't often get email from mike@beyondburning.org. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Dear Maui County Councilmembers,

I hope that the attached questions are helpful to you during today's DRIP Committee meeting where Brittany Zimmerman will be promoting her Yummet company. Feel free to ask any or all of these questions. More where this came from.

In my 33 years of nonprofit work, helping communities prevent dangerous technologies such as waste incineration and pyrolysis, and helping them move toward genuine clean energy and zero waste solutions, I've come across quite a few pyrolysis proposals. The technology does not have a good track record. Communities compete to NOT have this technology, and typically organize successfully to stop it from happening. I'm a busy man, but as time allows, I can work to compile examples and reports for you that demonstrates this poor track record. Most pyrolysis proposals are slick sales pitches with over-the-top claims and pretty websites that never result in anything being built. Some (like the two people who came from Oregon to promote plastics pyrolysis at your hearing last week) have actually managed to build facilities, but they're small (not commercial) pilot-scale plants that are still quite controversial, tend to fail technically and economically, and are still fundamentally polluting, but poorly monitored, so it can be hard to get decent data on them.

I've been following Yummet since Hawai'i residents first brought them to my attention about a year ago. Many are rightfully skeptical.

These two articles raise some legitimate concerns and are worth reviewing:

Brittany Zimmerman Sells Her Vision To Hawai i County - But Is It For Real? (Aug 2023)
<https://www.environment-hawaii.org/?p=15279>

Sierra Club Hawai'i Group: What's Wrong with This Reso? (Apr 2023)

<https://sierraclubhawaii.org/blog/group-news-april-2023>

Here are the main Yummet websites, in case you haven't seen them:

<https://www.yummet.com>

<https://www.yummetearthsolutions.com>

She also has a fundraising page up at

<https://www.fundable.com/yummet> and a July 2022 presentation to Sustainable Energy Hawaii here:

<https://www.youtube.com/watch?v=JQOVKWCs2vg>

I hope this helps, as you start to learn what pyrolysis and Yummet are really about.

And, for the record... no, I've never been a lobbyist. If I paused in response to the question, it was only because all of us testifying last week were "lobbying," in a literal sense, but that does not make any of us professional "lobbyists."

Best,

Mike Ewall, Esq.

Founder, Energy Justice Network

Founder, Beyond Burning

Co-Founder and Advisor, Kokua na Aina

Co-Founder and Advisor, Hawai'i Clean Power Task Force

215-436-9511

mike@beyondburning.org

<http://beyondburning.org> (in development) <http://www.energyjustice.net/incineration> (much of my relevant info on this matter is here)

50 QUESTIONS FOR BRITTANY ZIMMERMAN / YUMMET

Company

1. Where is Yummet headquartered?
2. How many full-time staff does Yummet have? How many part-time staff?
3. How many business entities are you an officer, director, or staff for? Please list them and explain your relationship to each.

NOTE: the state shows at least four related entities:

Water Water LLC, registered 5/21/2022; Brittany is manager; address changed 7/20/2022 <https://hbe.ehawaii.gov/documents/business.html?fileNumber=276952C5>

Yummet Earth Solutions LLC, registered 5/25/2022; Water Water LLC is manager and agent; address changed 7/19/2022
<https://hbe.ehawaii.gov/documents/business.html?fileNumber=277370C5>

Yummet Consulting LLC, registered 1/18/2023; Brittany is manager; Water Water LLC is agent <https://hbe.ehawaii.gov/documents/business.html?fileNumber=291234C5>

Yummet Hawai'i LLC, registered 1/18/2023; Brittany is manager; Water Water LLC is agent <https://hbe.ehawaii.gov/documents/business.html?fileNumber=291233C5>

All four are registered to 1143 Kukuau St, Hilo, HI 96720, which is businessman Richard Ha's address.

4. What is the purpose of each of your registered companies? How do they differ from one another?
5. Your [website](#) says that your company, “Yummet is a think tank of hundreds of PhD's, Masters and leaders in their fields, amassing a millennia of combined experience.” Your [YouTube video](#) states that you have “a team of over 300 graduate-level experts from over 50 countries.” The map on your [website](#) shows 17 faces of people all over the world, but they're really just the same three people's faces copied over and over. Can you please provide a list of these 300+ experts who are part of your team, along with their location, degrees, and affiliated institutions?

The three faces are Henry Hu, Dr. Kevin MacDonald, and Rex Donahey, identified at the bottom of this funding pitch website: <https://www.fundable.com/yummet>

Track record

6. How many pyrolysis/biochar projects have you and your companies been involved with? Please provide each facility's name and location.

[If she's unwilling to name them...] Can you at least list each state where you or your companies have owned or operated a facility?

7. EPA's ECHO database, which tracks compliance histories for all sorts of industrial facilities around the nation, shows zero facilities with Yummet's name. Do you or your companies operate facilities under any other names? How many, and which names?

“Clean Water”

8. You claim that your company would produce clean water and that this is your core business. In fact, your Water Water LLC business entity is a manager or agent of your three Yummet business entities in this state. Have you provided clean water to any community before? If so, in what location(s)?
9. For each location where you've provided clean water, how many millions of gallons per year were you able to provide?
10. How was this clean water provided? Bottled? Through a municipal drinking water system? By other means?
11. Have you ever sold clean water to anyone, anywhere?
12. Have you even given away clean water to anyone, anywhere?
13. For the clean water you hope to provide, what is the source of the water? Would it come from waste products put through a pyrolysis process?
14. What process do you propose to use to make clean water? Nothing on your websites or videos says anything about the process.
15. If water is produced from waste, such as sewage or municipal solid waste (trash), how would it be purified so that you can call it "clean?"
16. Have you or anyone on staff with any of your companies been [certified](#) as a Water Operator or Wastewater Operator? Here, in Hawaii, you must be [certified](#) by the Department of Health.

"Clean Air"

17. Do you have any pyrolysis facilities that are operating, or have operated in the past, for which there is emissions test data available? If so, when can you make that data available?
18. If you built one of your pyrolysis / biochar facilities in Maui, would you need an air emissions permit from the state Department of Health? If not, why is that?
19. To ensure no air pollution, which pollutants would you monitor continuously? Which pollutants would you test for on an annual or other basis through stack tests?
20. Which air pollution control devices would you be installing on any pyrolysis / biochar facility you'd build.
21. What would your process do with the syngas created in the pyrolysis process? What portions are used, and how, before the remaining gas is vented to the air?
22. In what way would your technology remove contaminants from the air, to clean it?
23. What is the highest temperature your process would use?
24. What is the residence time of the waste, syngas or biochar in the 200 to 400 degree Celsius range? [This is the temperature range in which the most toxic chemicals known to science (dioxins and furans) are formed.] Would your facility have a quench system to minimize the time spent in the dioxin formation temperature range?

"Green Concrete"

25. Has your concrete been tested and certified for use by Minnesota Department of Transportation? Or by any agency or certifying company?
26. What is your relationship with Beton Consulting?
27. Which companies are testing your product? Can we get a contact to verify?
28. How many tons of green concrete have you produced? How many tons have been sold?

Biochar

29. Has your biochar been tested for dioxins, furans, PFAS, PAHs, or toxic metals? When can you provide us test result data by an independent lab?

30. For every 100 tons of waste going into your machine, how many tons of biochar come out? How many tons of concrete?
31. How many tons of biochar has your company produced? How many tons have been sold?
32. Do you bag your biochar for sale?
33. What companies have agreed to buy your biochar for distribution?

Hydrogen

34. How much hydrogen has Yummet ever produced? How much have you sold?
35. How has Yummet conveyed hydrogen? In tanker trucks? Gas containers? Pipeline? How would you expect to convey it here on Maui?
36. How have your hydrogen clients used hydrogen? To burn for industrial heating? Electricity? For use in fuel cell vehicles or other fuel cell applications?

Technology

37. What is the longest number of hours of continuous operation that you have managed to operate your pyrolysis technology, and in what locations, using which feedstock(s)?
38. Can your process run with an availability of 90% or higher over the course of a year? If not, please explain how far short of this standard is typical for your process.
39. What is different about your pyrolysis technology compared to most out there?

Feedstock

40. What types of waste streams have you processed commercially?
41. Roughly how many tons of waste have you processed with your pyrolysis process to date?
42. Do you have contracts with anyone to provide waste or other feedstocks to process in your pyrolysis technology?
43. Are you proposing to put ash through a pyrolysis process? If so, why does this make sense to you?

Permitting

44. What government-issued permits or licenses do you have to operate a facility? Which kinds, and from which agencies, under which project or owner names?

Lobbying

45. Are you a lobbyist?
46. Is any person other than yourself, or business entity, paid to lobby on behalf of Yummet?
47. Are you familiar with the lobbyist registration and reporting requirements in the state of Hawaii?
48. Have you tracked your time to ensure that you do not exceed the lobbyist reporting requirements without registering and reporting your lobbying activities?
49. Please explain your relationship to Richard Ha.

Credibility

50. Is nuclear power a renewable energy source? [It's not, but she claims this in a [YouTube video](#) at 25:30.]

DRIP Committee

From: County Clerk
Sent: Wednesday, January 10, 2024 11:29 AM
To: DRIP Committee
Subject: FW: Testimony - Yummet - Alternative 2023 Wildfire Debris Processing Solutions (DRIP-2(14))

From: Bryce Groark <mbgroark@gmail.com>
Sent: Wednesday, January 10, 2024 11:26 AM
To: County Clerk <County.Clerk@mauicounty.us>
Subject: Testimony - Yummet - Alternative 2023 Wildfire Debris Processing Solutions (DRIP-2(14))

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Aloha Maui County Council.

It is my pleasure to write in support of Brittany Zimmerman and Yummet. I am a Kona resident and have worked in the conservation and sustainability space for over 20 years in Hawaii. I also have explored, unsuccessfully, multiple different solutions to our waste management problem on the Big Island.

When I first met Brittany here in June 2022, I was highly skeptical. So many technologies have come and gone, promising so many things, including Yummet. I took a slow approach working with her and helping in small ways as I discernibly debated my own involvement with the project.

But, every step along the way, Brittany has surpassed my expectations. She continually conducts herself in the highest moral regard, works extremely humbly, and relentlessly has broken through political barriers on this island in ways I have never seen before.

In my experience, her character is strong and trustworthy. She is a radical listener - always putting community first in Hawaii. This is what separates her - and also what drew me in closer to help pursue this unicorn tech in Hawaii.

While my background keeps me from being able to discuss the technology itself, I can say the tech and finance team within Yummet is also seriously capable and impressive - all highly accomplished and individual leaders in their own industries - and all dedicated to helping this come to fruition.

For these reasons, I urge the Maui Council to consider the Yummet tech as a potential solution to this difficult situation.

Much Aloha,
Bryce Groark
[Living Ocean Productions](#)
Kona, Hawaii

DRIP Committee

From: County Clerk
Sent: Wednesday, January 10, 2024 12:36 PM
To: DRIP Committee
Subject: FW: Yummet and Brittany Zimmerman Letter of Recommendation from Stewart Skomra
Attachments: Yummet and Brittany Zimmerman Letter of Recommendation from Stewart Skomra.pdf

From: Stewart Skomra <Stewart.A.Skomra@AIMAGO.com>
Sent: Wednesday, January 10, 2024 11:48 AM
To: County Clerk <County.Clerk@mauicounty.us>
Cc: Brittany Zimmerman <brittany@yummet.com>
Subject: Yummet and Brittany Zimmerman Letter of Recommendation from Stewart Skomra

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Stewart Skomra
AIMAGO Limited Company
1526 Weiskopf Loop
Round Rock, TX 78664

January 10, 2024

To the Disaster, Resilience, International Affairs, and Planning Committee (2023-2025)
c/o Maui County Clerk
Maui County, Hawaii

Subject: Endorsement of Yummet for 2023 Wildfire Debris Processing

Dear Members of the Committee,

I am writing to you to advocate for the adoption of Yummet's innovative technology, spearheaded by Brittany Zimmerman, in addressing the challenge of 2023 wildfire debris processing in Maui County. Having worked closely with Brittany Zimmerman and observed the development of Yummet, I am confident in recommending their solution for this crucial task. Yummet's approach is not only innovative but also aligns with the environmental and sustainability goals of Maui County.

Yummet's technology is uniquely suited to the challenge of wildfire debris processing. It is the only approach that integrates natural processes across all candidate waste streams. This method effectively captures and sequesters CO₂, while simultaneously producing clean water, green oxygen, green hydrogen, and concrete. Significantly, concrete, a non-naturally occurring substance, is of immense value to humanity, especially in rebuilding and resilience efforts.

This multifaceted output makes Yummet's solution stand out. It not only addresses the immediate need for efficient debris processing but also contributes positively to the environment and the community. The

process of transforming wildfire debris into valuable resources can set a new standard for disaster response and sustainability.

Brittany Zimmerman's leadership in Yummet is characterized by three core strengths:

Respect for All: Her approach respects both the community's needs and the natural environment, ensuring that solutions are sustainable and community-centric.

Lifelong Learning: Brittany's commitment to continuous improvement and innovation means that Yummet's solutions are cutting-edge and adaptable to evolving challenges.

Empathy for the Earth: Her deep understanding of environmental dynamics makes Yummet a partner in Maui County's efforts towards ecological balance and disaster resilience.

I urge the Committee to consider Yummet's technology for the wildfire debris processing challenge. The evidence of Yummet's solution superiority lies in its holistic approach to utilizing natural processes for waste management, while providing multiple environmental and economic benefits.

I am happy to provide any further information or support needed in this regard. Thank you for considering this recommendation.

Sincerely,

Stewart Skomra

Stewart A. Skomra

CxO AIMAGO Limited Company

Phone: 858-776-2296

E-Mail: Stewart.A.Skomra@AIMAGO.com

LinkedIn: <https://www.linkedin.com/in/stewartskomra/>



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Stewart Skomra
AIMAGO Limited Company
1526 Weiskopf Loop
Round Rock, TX 78664

January 10, 2024

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c/o Maui County Clerk
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I am happy to provide any further information or support needed in this regard. Thank you for considering this recommendation.

Sincerely,



Stewart Skomra

Questions - Application of Bioremediation or Other Treatment/Processing of Lahaina Wildfire Debris

1. Has a representative sample of Lahaina ash mixed with debris (i.e., soil, rock, brick, tile, granite, concrete, asphalt, steel, glass, plastic, rubber, metal, wood, drywall, plaster, etc.) been obtained for evaluation/analysis to ensure it is compatible with the proposed process or will the debris need to be screened, sorted, or separated for the proposed process?
2. Have the DOH sampling results from Lahaina (Torrent, 12/5/2023, <https://health.hawaii.gov/news/files/2023/12/Lahaina-Ash-Data.pdf>) been taken into consideration and evaluated to ensure the proposed process will work as anticipated?
3. Has a representative sample of the mixed ash and debris to be removed from the parcels been bench or field tested to determine how effective the proposed process will be to reduce metals contamination levels? What will the quantitative impact be on levels of metals be as a result of the proposed process? What constituents does the proposed process NOT treat that may be in the residual material? How long will the process take?
4. How will the presence of SoilTac encapsulation on the parcels impact the efficacy of the proposed process?
5. Will the proposed process be implemented at the parcel location, at the TDS, within the permanent disposal area, or at another location? How much land will be needed? What specific approvals (i.e., zoning, permits) are needed from the County, DOH or other government entities?
6. What are the necessary control environment conditions (i.e., moisture, temperature, oxygen, substrate, nutrients, manpower, energy) will be needed to ensure the proposed process will work as expected? What environmental controls will be in place to prevent the material from running off site or from infiltrating into the ground during the proposed process?
7. What is the anticipated end use or disposition of the resulting, treated product? Is there an established market, application, product and viable end user (with contract(s) in place) for utilization of the end product in a beneficial use? Are there established engineering or agricultural specifications for the proposed application?
8. What is the cost/ton of the entire process cycle for treatment in the proposed process? Who will pay for it?
9. Has the proposed process been applied commercially at the scale anticipated for the Lahaina ash/debris in the past on similar ash/debris material and what was the result? Where? How did it work? Was the resulting product beneficially utilized or applied?
10. How will the proposed process or end product impact the environment? Are there any byproducts or residuals generated by the process or in the resulting product which will need to be managed or disposed, or be leachable in the proposed end use application? Has the proposed process been evaluated for potential impacts to an HDPE liner system if applied in a landfill?

DRIP Committee

From: Gary Albitz <albitzg@hawaii.edu>
Sent: Wednesday, January 10, 2024 4:21 PM
To: DRIP Committee
Subject: Re: Testimony in Support of Green/Clean Crete

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Aloha Honorable Committee Members,
I'd be happy to volunteer to join a task force to do due diligence and to assist in creating a working prototype to demonstrate viability and applicability to Maui

Gary Albitz
Lecturer
Business and Information Technology
Maui Food Innovation Center
[310 W. Ka'ahumanu Ave. | Kahului, HI 96732](#)
Office: Ka Lama 213 | Phone: (808) 281-9672



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On Wed, Jan 10, 2024 at 2:59 PM Gary Albitz <albitzg@hawaii.edu> wrote:
Aloha e Committee and Honorable Council Members,

I've had the opportunity to meet with Brittney and her team and review her chemistry and process. I think this is an extraordinary opportunity for Maui to deal with both the toxic ash and waste water on a permanent basis. The Carbon sequestration process is very beneficial to the health of the people and land of Maui. I highly recommend adopting her council, technology, and processes.

A concrete brick factory here on Maui and this whole process could provide dozens of jobs.

Gary Albitz
Lecturer
Business and Information Technology
Maui Food Innovation Center
[310 W. Ka'ahumanu Ave. | Kahului, HI 96732](#)
Office: Ka Lama 213 | Phone: (808) 281-9672



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DRIP Committee

From: Dean Pickard <deanpickard@gmail.com>
Sent: Wednesday, January 10, 2024 3:00 PM
To: DRIP Committee
Subject: Fwd: Dean Pickard Testimony regarding Yummet

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County Council,

I am testifying to you today to provide a heartfelt character reference for both Brittany Zimmerman as well as the Yummet team. Over the last 3 years during our professional interactions and shared experiences, I have come to know Brittany and the team not only as highly capable individuals but also as people with unwavering moral integrity.

Their commitment to ethical behavior is truly commendable. In both professional and personal endeavors, they consistently demonstrate a strong sense of honesty, transparency, and fairness. Their moral compass serves as a guiding force in decision-making, ensuring that challenges are approached with a principled mindset.

One of the remarkable aspects of this group's character is how they consistently uphold the highest standards of honesty, integrity, and ethical conduct. Their decision-making is guided by a strong moral compass, ensuring that they not only meet professional expectations but exceed them with a commitment to fairness and transparency. In challenging situations, the Yummetts team unwavering dedication to doing what is right has stood out, making them a trusted and reliable organization composed of exceptional individuals.

Furthermore, the Yummet team are not just advocates for moral principles within professional settings, but extend their ethical considerations to the broader community. Their involvement in various charitable initiatives and community service projects reflects a genuine desire to make a positive impact on the lives of others. Whether it's volunteering their time or supporting causes close to their hearts, Their moral commitment shines through in their actions.

In conclusion, I wholeheartedly recommend Brittany and the Yummet team as a group of exceptional moral character. Their integrity, commitment to ethical practices, and positive influence make them some of the best people I have had the pleasure of knowing.

Regards,

Dean Pickard

DRIP Committee

From: County Clerk
Sent: Wednesday, January 10, 2024 3:04 PM
To: DRIP Committee
Subject: FW: DRIP-2(14) - Mary Zarba Testimony
Attachments: Testimony_20240110.docx

From: Mary Zarba <zarbamary@gmail.com>
Sent: Wednesday, January 10, 2024 2:57 PM
To: County Clerk <County.Clerk@mauicounty.us>
Subject: DRIP-2(14) - Mary Zarba Testimony

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Hello,

Please find my written testimony for DRIP-2(14) attached.

Thank you,

--

Mary Zarba
Arcadis Inc. | *Environmental Scientist I*
Aloha Toastmasters | *Director of Education*

Good afternoon. My name is Mary Zarba, and I am here today to wholeheartedly support Brittany Zimmerman, whose visionary work has reignited my optimism for the future of our planet.

As an alumna of the New York State College of Environmental Science and Forestry, a dedicated scientist with a renowned environmental consulting firm, and the niece of the former Director of the United States' Environmental Protection Agency's Science Advisory Board, my journey in the environmental field has exposed me to countless narratives detailing the devastating impact of the climate crisis on our planet.

Amidst the pervasive angst, worry, and despair that often characterize the environmental discourse, **hope** has been a rare commodity in my experience—.....until I crossed paths with Brittany.

Yummet's **groundbreaking** approach, emulating the intricate processes of **Mother Nature**, emerges as a **beacon of hope** in our collective quest to address urgent environmental challenges. By converting waste into precious minerals, soils, water, and clean air, Yummet not only mitigates greenhouse gases in the atmosphere and oceans but also redirects various forms of waste away from landfills, transforming them into invaluable resources.

For the first time in my environmental education and career, Yummet's ingenious technology provides a tangible solution to the climate crisis. It has rekindled my hope for future generations and, now, for the restoration of Maui.

Thank you.

DRIP Committee

From: Tamara Li Farnsworth <tfarnsworth777@gmail.com>
Sent: Wednesday, January 10, 2024 3:18 PM
To: DRIP Committee
Cc: dripcommitte@mauicounty.us
Subject: Testimony on (DRIP-2(14)) ALTERNATIVE 2023 WILDFIRE DEBRIS PROCESSING SOLUTIONS

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Aloha e DRIP Committee,

I was not able to provide this testimony online via eCommnet, so I am hoping that it can be accepted via email.

Testimony on (DRIP-2(14)) ALTERNATIVE 2023 WILDFIRE DEBRIS PROCESSING SOLUTIONS

From: Tamara Farnsworth (representing myself)

Thank you for the opportunity to provide comments and requests for more information from the presenters on DRIP-2(14).

I worked for 15 years in municipal waste management; ten years with the County of Maui Department of Environmental Management. Our office was presented with several pyrolysis and gasification proposals during my tenure in the Environmental Protection & Sustainability Division. While the technologies sound promising, we were never able to come to any viable agreements with any vendor who approached the County.

I am still encouraged by these emerging technologies and would like to see the county partner with a vendor on a modular pilot project in the future. However, I do have concerns about the use of pyrolysis as a feasible solution for our ash and debris in Lahaina and I have some questions that may help to clarify some of the core concerns.

1. My understanding is that pyrolysis is a technology where feedstock determines outputs; or simply, what you put in affects what come out. What are the specific outputs that can be expected from the sole feedstock of ash and debris?
2. Can you use already combusted materials for an output other than ash?
3. Will the process of pyrolysis using Lahaina's ash and debris produce a safe, useable biochar for agriculture or other purposes? A useable concrete aggregate?
4. Will any additional feedstock, such as carbon containing materials, such as mulch made from woody materials or something else, be required to process the ash and debris? If so, what is the ratio of supplementary materials to ash?
5. Will the process of pyrolysis render the 5 known heavy metals contained within the ash, or any other contaminants like dioxins or PCB's, totally inert? Or does the technology have the ability to separate those toxins from the ash, removing them for safe disposal, so that the remaining output is useable?
6. What does safe separation and disposal of toxins look like? Would the technology require scrubbers or a similar type of mitigative effort to capture emissions of toxins?
7. What type of land use zoning is required for this technology? Are you aware of a properly zoned site on Maui with the 100-acre footprint that has been mentioned? If so, where and what is its proximity to the Central Maui Landfill?
8. Please list the regulatory permits required for this technology and how long is the typical process for obtaining these permits?

9. What is your timeline for getting completely online and operational?
10. Where else in the U.S. is pyrolysis being used at scale and what is the feedstock? If so, what is the daily input and output?
11. What are the start-up costs?
12. What is the capital investment by county, state, or federal taxpayers for this project? If none, will the county be charged a tipping fee for ash/debris and MSW (municipal solid waste) once operational? If so, what is the estimated cost per ton tipping fees?

I would like to see the claims of Yummet and others work as a viable solution for the ash and debris in Lahaina as well as for the future of Maui's waste management. I would also like to ensure that the county pursues realistic, affordable, sustainable solutions for the disaster debris challenges we face at this moment.

Mahalo nui.

DRIP Committee

From: Henry Hu <henry.hu@yummet.com>
Sent: Wednesday, January 10, 2024 3:37 PM
To: DRIP Committee
Subject: Testimony in support of Yummet

You don't often get email from henry.hu@yummet.com. [Learn why this is important](#)

Aloha! Honorable Members of the Maui DRIP committee.

Thank you for this opportunity to be here to support Yummet. I did not have enough time to finish my online testimony properly, so I am submitting a written testimony as well.

My name is Henry Hu, the CFO of Yummet. I was once the CFO for IBM System Group Strategic Growth Initiatives. We tripled the revenue to \$4B over 3 years. In IBM Corporate Development, I supported IBM's \$34B acquisition of Red Hat, led the launch of 2 IBM innovation centers in New York and Rhode Island. Graduated from Stanford and Columbia University with 2 Master's degrees, I am a business and finance professional with 25+ years of experience.

Based on our business analysis and financial projections for Yummet, a Yummet facility in Maui will be economically viable, generating significant benefits for the local community and environment.

Yummet's economic viability is robust because of our diversified product portfolio including the creation of carbon negative concrete, biochar, clean water and potentially green hydrogen (if the Maui community elects hydrogen use). These products can be used to help in the local rebuild initiatives. Additionally, the Biochar and clean water we will produce can support regenerative agriculture on the island as well as help with bio-remediation efforts.

Yummet is willing to take on the capital cost of building a facility should the community decide this is something that they would like to adopt. And because Yummet is set up as an Employee stock ownership organization, the economic income generated will return to and benefit the local community, because every single employee of Yummet, shares in the profits generated. Over the next ten years, Yummet plans to create \$170+ Million of economic benefits in the Maui community, fostering economic growth, creating more than 100 full time jobs plus 200 construction jobs, uplifting lives in under-privileged communities, providing them education and professional development.

Yummet's commitment to Hawaii goes beyond economics. Yummet means no more toxic landfills and no dumping wastes into oceans and waterways. Yummet strives to be a part of making Maui Island a model for sustainable living.

Maui DRIP committee members, Yummet represents an unparalleled opportunity to generate a positive global and local impact. Through Yummet's pollution removal initiatives and carbon-negative high-performance products, you can contribute to the fight against pollution, AND empower the transformation of Maui into a modern civilization that showcases the potential for a clean future. Join us on this transformative journey! Shape a brighter, greener, and prosperous future for generations to come, for Maui, for Hawaii, and for the world!

MAHALO!

Best Regards,

Henry Hu
CFO

