

OTC Markets Group

Joining us today is Ross Orr the president and CEO of BacTech Environmental. The trades on our OTCQB Venture Market under the ticker BCCEF. BacTech is an environmental technology company. Delivering effective and eco-friendly bioleaching technology solutions to commercial operations to process and recover preferred metals including gold silver cobalt nickel and copper. Part of their mission is to smartly and safely remove and transform harmful contaminants like arsenic and a benign EPA approved products for landfill.

Ross Orr

Good to be here Cecilia.

OTC Markets Group

To start Ross tell us a little bit about yourself and the origins of BacTech Environmental.

Ross Orr

Well I'm Canadian I'm 65 I guess cut my teeth in the brokerage industry with RBC many years ago and decided I would rather get out and do something on my own and create something from nothing and turned it into something and I picked BacTech and I've been affiliated with the company since 1997 originally as an outside director and took over I guess control of the. We split the company in half about ten years ago into an environmental company and a mineral processing company but my background I guess is merchant banking and um, yeah, so I mean it's been a long haul but it's ah we're getting close to the goal line.

OTC Markets Group

And so talk about your unique technology and the bio Leech process I think we're all eager to understand what that is as well as a history of its traditional uses.

Ross Orr

Well, our tagline is our bugs eat rocks because that basically sums it up very so very simply in Layman's terms effectively what's happening is if you can imagine a brick wall with the mortar being the sulfides. Ah.

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Ross Orr

The bacteria attack those sulfides and break them down so in essence

eventually the wall comes crashing down in this particular case that you go after what's called arsenopyrite which is made up of gold iron arsenic and ah, sulfur. And so when the sulfides that's holding all that stuff together like like a fist gets broken down then you can recover the gold and silver using conventional technology and at the same time we produce a precipitate which is called ferric arsenate which is that. Yeah EPA Land Fillable Material you're talking about so so we chase arsenic which you know leaves a pretty big market out there for us because I don't think there's anybody that crazy to go up and do besides us.

OTC Markets Group

So okay, what are your current projects. Ah do you Target Specific regions as part of your business strategy.

Ross Orr

Yeah again, we we target ah arsenic and an arsenic tends to show up in concentrated forms in various locations I can think of the Timmins area as a lot of arsenopyrite up in the Yukon There's lots of arsenopyrite and and this particular project that we're working on now which is in Ecuador has some of the highest arsenic values I've ever seen in my life I mean in the ground we're talking percentages of of arsenic. So that when you actually make it into a concentrate which means getting rid of all the waste rock. So you just have the good stuff. You know you? you've got 15 to 20% arsenic in these concentrates which effectively makes them unsellable because they're just no way outside of burning this material to recover the gold until bioleaching comes along which is what. We're planning to do.

OTC Markets Group

And so on the environmental side. How does your ESG policy drive your mission and results.

Ross Orr

Well I think the environmental side is pretty obvious every time you do not dump arsenic into a river which ends up in Peru like from the the Ecuador perspective and the fact that we don't we've told the miners we will not accept. Any material that has been pre-treated with cyanide or or mercury so they have to deliver us a clean compound which is which is important. You know this particular area in Ecuador has pretty messy water and it's because it's it's kind of like the wild west there. It's it's not that well regulated. It's a very pro mining area though. So we don't see any issues with us coming in and and offering our technology. What what we're doing here. So that's the environmental side then you got the social

side. So the only buyers of the material they produce right now are the Chinese because they take these concentrates and ship them back to China and no doubt burn them illegally and produce arsenic trioxide gases and everything else, but because. Chinese government actually imposed a tax last year of 13 they took what was considered to be a decent price for their product about \$70 on the dollar for their gold and have dropped it down to \$50 on the dollar. So what we're doing is we're stepping in.

And we're going to replace the old payment the payment regime so they're going to get \$70 which they're happy with at \$50. They're probably not making a lot of money. The other thing that we did on the social side was and you can see this on our website. There's a video a drone that we video that we put together up the of the property that we just bought. Which is one hundred acres the day that we went on to look at the property we were confronted by about 10 guys on motorcycles who you know said what are you doing here on this property and we told them that we were looking at it to purchase it and you could just see. You can see it in their eyes. Oh my god we're we're all out of work and these were actually the employees of the the former owner and it bugged me you know and so all day I was thinking about this and I finally at the end late night I said we're gonna let those guys stay and they're they're gonna continue to farm those cocoa trees. There's. Thousands of these cocoa trees. We're only using Twenty acres out of the hundred acres so our our commitment to them was you keep those things alive you keep producing cocoa and you can sell it for your own account. It's not our business. And the reality though is that once we expand the plant and which is really what we want to go from eventually from fifty tons a day up to say north of two hundred tons a day of processing ability. We'll give them but we'll give them a job in the plant. So. That's our e in our s side. Our g side is still needs work. You know a bunch of Old timers that or later we have to start dragging in people like Ecuadorians we we need we need at least 2 Ecuadorians on our board at the stage and so we're we're looking for that as well.

OTC Markets Group

What is BacTech looking forward to in 2023?

Ross Orr

Well opening the plant would be great. Um, you know we're right now we're in that we're in the financing mode where we're we're looking to raise roughly fifteen million us um and a lot of that of course depends on where you are in the in the in the project itself. The biggest one of course is the EIS which is the environmental impact study. Um, you know most people in mining are used to these things running 2 3 4 years for approval. Will we hope to have ours done in nine months I mean it's it's literally imminent but then that's a line that a lot of people use. But.

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Ross Orr

We're we're banking on the fact that you know we will be getting this environmental impact study approved I'm saying in the next thirty days which then means that the lenders will look at you a lot more seriously so in a perfect world. We're up producing late to 2023. 1 of the benefits of of the economy right now is that the prices that were super high for things like stainless steel and other steeler are coming down dramatically transportation is opening up again. So you can move material to site. Um, but so that's. Production. That's what we're looking for. We're we're going to produce on an annual basis with this little plant about thirty thousand ounces of gold at 25 to 30% margins. Ah which is a nice little project.

OTC Markets Group

Great updates. You recently joined OCOtc q b our venture market. Um, and if a few weeks ago actually and how does this contribute to your US strategy while you also cross trade on the Csc and the frankfurt exchange.

Ross Orr

Well to be perfectly Frank Frankfurt's not much it's it's there didn't cost us anything to do it. But we've never really sort of put a lot of effort into into it I think if we ever got a listing like maybe on aim or something like that in London then it's a different story because. Europe is a good esg market I mean they're way ahead of us. But the thing that strikes me is that when we've got an email list of about 4000 names all opt-ins and you know people that contacted us to to stay to get to stay informed. I would say on on average 70% of the people that open our press releases are americans and whether it's the fact that canadians just aren't that tuned into the sg world I don't know the answer but we do know that. The market is 10 times the size of Canada population wise as well as probably more so on the equity side. So so having an exposure and and and making it easy for people to trade our stock in the us is is big for us I mean the the second day of trading. We did 250000 shares we did 252000 in Canada which meant there was a thousand shares traded in Canada and the rest was was on the otc market.

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Well Ross has been a pleasure speaking with you. Thanks so much for your time today BacTech Environmental trades under the symbol BCCEF on our OTCQB Venture market



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Ross Orr

My pleasure anytime.

**This is an autogenerated transcript and may contain typos.*