Hello friends of New Harvest!

It's been a while since my last mail. I hope a good excuse—We've been hard at work growing like crazy.

What kind of growth? Well, there's the kind of growth you might expect—our staff going from six to ten, our researcher community increasing by nine, and our fundraising goals becoming more ambitious. (see are at ~3M as of this evening, and envisioning our 2021 goal to be $2M in these last two weeks?)

But more importantly, it's a kind of higher order growth. We've been reflecting on the changes in the cellular agriculture landscape over the past five years... and redefining our own strategy and goals for the next few.

Where we landed is quite simple:

Our goal is to enable 100 individuals towards leadership positions in cellular agriculture over the next five years.

Here's the thinking...

Sustained impact can only happen if we support people first, and projects second. When a great idea, or a great person—no matter how grandiose—either team breaks, team loses, and becomes champagne for other teams.

Our catalytic success over the past five years has been entirely about enabling independent leadership.

Through our programming and tightly-knit networks, we helped fourteen individuals with direct ties to New Harvest (grantees, staff, and community members) found nine cell ag companies which have collectively raised over $460M. These represent over 60% of the global investment in the cellular agriculture food industry globally.

New Harvest, by the way, was the only one of these nine that raised more than $10M in the past five years from ~$60M ecosystem donors—most of whom are individuals. Our community planted the seeds for so many returns on impact, yielding multiple millions dollar turns into SBI VC dollars invested in leaders coming out of the New Harvest network.

I've highlighted co-founders in the examples above, but other forms of leadership are beginning to emerge:

Independent Technical Experts
Dr. Karen Khaney, our former Technical Director, led the team mid-year to set up shop on the West Coast for emerging companies focused on cell ag, and now in Toronto. When Karen told me she was leaving her post to serve the broader ecosystem as a subject matter expert, I was thrilled. There is clearly a demand for this work, and New Harvest can fill that need while staying true to our public charity status. In just a few months, Karen has had an outsized impact on cell ag itself, becoming the technical expert for the World Economic Forum's cultured meat Future of Food Initiative. This is in our year. Multiple companies to complete first or second rounds of financings or successful animal-based or plant-based transport. Karen vetted and informed criteria which I believe will radically drive innovation in this field by incentivizing a brand-new cohort of entrants.

Safety Experts
For the past year, we've been working with the safety experts Dr. Jo Anne Shadle and Dr. Ron Holg at Avantix to prepare a benchmark manuscript on the safety of cultured meat, combining detailed animal and cellular safety for companies from around the world. Jo Anne and Ron are now positioned to combine their deep knowledge of safety and risk assessment with cultured meat production. With newly detailed knowledge of the field, the science, and the players, they can serve the ecosystem by filling an important safety knowledge gap and bringing the field closer to safe commercialization.

Cell Ag Faculty
There is no doubt that we need a pipeline of cell ag STEM talent for cultured meat to really change the world. Our grantees are natural shoo-ins for scientific and technical positions in this growing industry, but they are also poised to become academic leaders in the field—dedicated faculty who establish cellular agriculture within the canon of academe. Just this year, two of our fellows' PIs received milestone, first-of-their-kind grants: the world's first independent consultant focused on cell ag, alt proteins, and synthetic biology and the world's first independent consultant focused on cell ag, alt proteins, and synthetic biology.

For the past year we've been working with the safety experts Dr. Jo Anne Shadle and Dr. Ron Holg at Avantix to prepare a benchmark manuscript on the safety of cultured meat, combining detailed animal and cellular safety for companies from around the world. Jo Anne and Ron are now positioned to combine their deep knowledge of safety and risk assessment with cultured meat production. With newly detailed knowledge of the field, the science, and the players, they can serve the ecosystem by filling an important safety knowledge gap and bringing the field closer to safe commercialization.

Cell Ag Faculty

There is no doubt that we need a pipeline of cell ag STEM talent for cultured meat to really change the world. Our grantees are natural shoo-ins for scientific and technical positions in this growing industry, but they are also poised to become academic leaders in the field—dedicated faculty who establish cellular agriculture within the canon of academe. Just this year, two of our fellows' PIs received milestone, first-of-their-kind grants: the world's first independent consultant focused on cell ag, alt proteins, and synthetic biology and the world's first independent consultant focused on cell ag, alt proteins, and synthetic biology.

The work we did leading to the above examples doesn't have an easily defined time scale. It took us years to establish the scientific infrastructure for a robust cellular agriculture industry. As articulated in our strategic plan... "cell agriculture is a new city, New Harvest's initiatives are the critical infrastructure projects—the pipelines for talent development, the bridges between stakeholders, and the roads to new discoveries."

Of course, there is a time to move our strategic plan than the GIS leaders pace... and I would love to hear your thoughts! I feel there is an opportunity to not just evolve but make our strategy our goal forward.

Your other year is already reserved! That honor is reserved for individuals with direct ties to New Harvest (grantees, staff, and community members) found nine cell ag companies which have collectively raised over $460M. These represent over 60% of the global investment in the cellular agriculture food industry globally.

Our goal is to enable 100 individuals towards leadership positions in cellular agriculture over the next five years.

Here's our thinking...

Sustained impact can only happen if we support people first, and projects second. When a great idea, or a great person—no matter how grandiose—either team breaks, team loses, and becomes champagne for other teams.

Our catalytic success over the past five years has been entirely about enabling independent leadership.

Through our programming and tightly-knit networks, we helped fourteen individuals with direct ties to New Harvest (grantees, staff, and community members) found nine cell ag companies which have collectively raised over $460M. These represent over 60% of the global investment in the cellular agriculture food industry globally.

New Harvest, by the way, was the only one of these nine that raised more than $10M in the past five years from ~$60M ecosystem donors—most of whom are individuals. Our community planted the seeds for so many returns on impact, yielding multiple millions dollar turns into SBI VC dollars invested in leaders coming out of the New Harvest network.

I've highlighted co-founders in the example above, but other forms of leadership are beginning to emerge:

Independent Technical Experts
Dr. Karen Khaney, our former Technical Director, led the team mid-year to set up shop on the West Coast for emerging companies focused on cell ag, and now in Toronto. When Karen told me she was leaving her post to serve the broader ecosystem as a subject matter expert, I was thrilled. There is clearly a demand for this work, and New Harvest can fill that need while staying true to our public charity status. In just a few months, Karen has had an outsized impact on cell ag itself, becoming the technical expert for the World Economic Forum's cultured meat Future of Food Initiative. This is in our year. Multiple companies to complete first or second rounds of financings or successful animal-based or plant-based transport. Karen vetted and informed criteria which I believe will radically drive innovation in this field by incentivizing a brand-new cohort of entrants.

Safety Experts
For the past year, we've been working with the safety experts Dr. Jo Anne Shadle and Dr. Ron Holg at Avantix to prepare a benchmark manuscript on the safety of cultured meat, combining detailed animal and cellular safety for companies from around the world. Jo Anne and Ron are now positioned to combine their deep knowledge of safety and risk assessment with cultured meat production. With newly detailed knowledge of the field, the science, and the players, they can serve the ecosystem by filling an important safety knowledge gap and bringing the field closer to safe commercialization.

Cell Ag Faculty

There is no doubt that we need a pipeline of cell ag STEM talent for cultured meat to really change the world. Our grantees are natural shoo-ins for scientific and technical positions in this growing industry, but they are also poised to become academic leaders in the field—dedicated faculty who establish cellular agriculture within the canon of academe. Just this year, two of our fellows' PIs received milestone, first-of-their-kind grants: the world's first independent consultant focused on cell ag, alt proteins, and synthetic biology and the world's first independent consultant focused on cell ag, alt proteins, and synthetic biology.

The work we did leading to the above examples doesn't have an easily defined time scale. It took us years to establish the scientific infrastructure for a robust cellular agriculture industry. As articulated in our strategic plan... "cell agriculture is a new city, New Harvest's initiatives are the critical infrastructure projects—the pipelines for talent development, the bridges between stakeholders, and the roads to new discoveries."

Of course, there is a time to move our strategic plan than the GIS leaders pace... and I would love to hear your thoughts! I feel there is an opportunity to not just evolve but make our strategy our goal forward.

Your other year is already reserved! That honor is reserved for individuals with direct ties to New Harvest (grantees, staff, and community members) found nine cell ag companies which have collectively raised over $460M. These represent over 60% of the global investment in the cellular agriculture food industry globally.

Our goal is to enable 100 individuals towards leadership positions in cellular agriculture over the next five years.