

## **Lockington, Elliott (SPAC/PSPC)**

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**From:** Caira, Celine (IC)  
**Sent:** March 27, 2020 9:42 AM  
**To:** Murdock, Kelly (SPAC/PSPC); Engel, Natacha (Ext.)  
**Cc:** Gordon2, Travis (HC/SC)  
**Subject:** RE: TR: Pandemic response tools - medical products - vaccine Re: Update / Mise à jour: COVID-19

Sounds interesting. You can ask him to fill out this form on the ISED website:  
<http://www.ic.gc.ca/eic/site/080.nsf/eng/00048.html>

May be best to put him in touch with an IRAP rep? - Call us toll-free at 1-877-994-4727 to learn more about NRC IRAP.

On the tech side, I have run into a few cases where I'm not sure the GoC would be the end user of this tech since customers are hospitals, private care homes etc under provincial jurisdiction. **Do we have any idea where we should be sending them for procurement?** I always suggest speaking with provinces/care homes directly but I don't often get a positive reaction to this.

Thanks,  
C

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**From:** Murdock, Kelly (SPAC/PSPC) <kelly.murdock@canada.ca>  
**Sent:** March 26, 2020 9:36 AM  
**To:** Natacha Engel <Natacha.Engel@international.gc.ca>  
**Cc:** Caira, Celine (IC) <celine.caira@canada.ca>; Gordon2, Travis (HC/SC) <travis.gordon2@canada.ca>  
**Subject:** Re: TR: Pandemic response tools - medical products - vaccine Re: Update / Mise à jour: COVID-19

Flipping this to our ops team for PPE part of the email. I defer to Celine and Travis on new tech and clinical trials.

Sent from my iPhone

On Mar 26, 2020, at 5:55 AM, "[Natacha.Engel@international.gc.ca](mailto:Natacha.Engel@international.gc.ca)" <[Natacha.Engel@international.gc.ca](mailto:Natacha.Engel@international.gc.ca)> wrote:

Hi Travis, Celine, Kelly,

I spoke to Jeff Today, CEO of Catalytic AI Group (<http://catalytic.ai/>), and he is very eager to support on a variety of fronts. He had been very active during the SARS breakdown. 2 types of proposals:

- PPEs: he has a number of products addressing COVID-19 (N95 masks, gloves, sanitizers, test kits,...) – I did send him the buy and sale webpage
- Technology tools:
  - System that track, trace and best allocate equipment, medical supply and drugs based on need and real time inventory management. Using it in the US. Giving an overall view of inventory level at every facet of the health care system. Great tool to manage pandemic prices and ensure effective use of supplies. He was mentioning that there is on average 10M\$ of waste. It allows to track for order from the original equipment manufacturer moving from hospital to hospital and from zone to hot zone. Also, if

- government making centralized purchasing: can manage all the inventory through this.  
Helps to prevent fraud which often happens in pandemic situation because it tracks it from original source to the consumer.
- Video technology for Covid-19 test
- Pandemic tracking tool: phone technology that allows to localize people and who is at risk based on who has been in proximity

More details below in his email. Could you advise on the best way to get moving quickly on that? For the technology tools, any interest?

Best,

**Natacha Engel**

Senior Policy Advisor | Conseillère principale en politiques  
Office of the Minister of Small Business, Export Promotion and International Trade  
Cabinet de la ministre de la Petite Entreprise, de la Promotion des exportations et du Commerce international  
[Natacha.Engel@international.gc.ca](mailto:Natacha.Engel@international.gc.ca)

Global Affairs Canada | Affaires mondiales Canada  
Government of Canada | Gouvernement du Canada



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**De :** Easton, Jason -MINT <[Jason.Easton@international.gc.ca](mailto:Jason.Easton@international.gc.ca)>

**Envoyé :** 24 mars 2020 18:41

**À :** 'Jeff Chapleau' <[jchapleau@catalytic.ai](mailto:jchapleau@catalytic.ai)>

**Cc :** Engel, Natacha -MINT <[Natacha.Engel@international.gc.ca](mailto:Natacha.Engel@international.gc.ca)>; Beauchemin, Simon -MINT <[Simon.Beauchemin@international.gc.ca](mailto:Simon.Beauchemin@international.gc.ca)>

**Objet :** RE: Pandemic response tools - medical products - vaccine Re: Update / Mise à jour: COVID-19

Hi Jeff,

Natacha, copied, can get you connected into the system.

Many thanks!

**Jason Easton**

Chief of Staff | Chef de cabinet  
Office of the Minister of Small Business, Export Promotion and International Trade  
Bureau de la ministre de la Petite Entreprise, de la Promotion des exportations et du Commerce international  
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**From:** Jeff Chapleau <[jchapleau@catalytic.ai](mailto:jchapleau@catalytic.ai)>

**Sent:** March 24, 2020 11:09 AM

**To:** Easton, Jason -MINT <[Jason.Easton@international.gc.ca](mailto:Jason.Easton@international.gc.ca)>

**Cc:** Jeff Chapleau <[jchapleau@catalytic.ai](mailto:jchapleau@catalytic.ai)>

**Subject:** Pandemic response tools - medical products - vaccine Re: Update / Mise à jour: COVID-19

Hey Jason.

Hope you and family are safe and healthy.

We've met a few times.

I'm working on a number of pandemic response initiatives. I did the same in the past with ontario hospitals during SARS.

Can you help me help you with a few initiatives please?

Have set up a supply chain of wholesalers, pharmacies to effect delivery of local pandemic support. In the process of launching a digital store and mobile ordering and information solution. Have a number of products addressing COVID19 - N95 masks, gloves, sanitizer, meds, COVID19 test kits etc.

I'm working with a global pandemic response group in USA and EEC. Love to include Canada too.

I also have a pandemic response system that helps health centres/hospitals/emergency care centres (Eg tent hospitals) to best allocate equipment (eg ventilators), med/surge (masks, gowns etc) and pharma (Eg hydroxychloroquine) based on need and real time inventory management. This allows for direct order from OEM or within the group - ie to move from hospital to hospital and from hot zone to hot zone.

Also working on a drive through testing system designed similarly to what allowed South Korea to succeed in their response. This includes remote doctor management using video and COVID19 self test kits.

And a pandemic tracking tool - again similar to what was used in South Korea. They mandated use through legislation so not sure this approach would work here.

I'm also working with the largest API producers of hydroxychloroquine to help manage the supply chain.

We'd like to get involved in a trial to help better understand the efficacy of hydroxychloroquine with an antibiotic like azithromycin to build on the clinical trials / work at Stanford, Belgium, France etc.

I'm available at the number below.

Cheers,

J

Jeff Chapleau

Founder / CEO - The Catalytic Group| Due Good Deeds | Marketlink | BizPitch | Innovate Health | K-Pure

CDO - H-Source

Board - TeamSnap |Newtopia | Numinus | Salvation

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E. [jchapleau@Catalytic.ai](mailto:jchapleau@Catalytic.ai)

S. jeff.chapleau

LI. [linkedin.com/in/jeffchapleau](https://linkedin.com/in/jeffchapleau)

Sent from my iPhone.

On Mar 23, 2020, at 9:44 PM, [Jason.Easton@international.gc.ca](mailto:Jason.Easton@international.gc.ca) wrote:

The Prime Minister also announced that we will provide \$192 million to directly support vaccine development and production in Canada, as part of our \$275 million in funding for coronavirus research and medical countermeasures. The funding will be used to advance projects that are already underway by university researchers and others to respond to COVID-19, and ensure domestic supply of potential vaccines. We are asking every university, college, polytechnic, and CEGEP in the country to identify they ways they can help, and many institutions have already stepped up.