joining forces across projects to have

one fully functional ventilation machine

freely reproducible worldwide

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Versus Virus team

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In collaboration with

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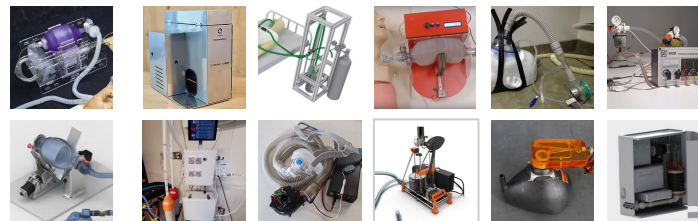Public Health MD, Canada

Fablab coordinator
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Machine conceptor, Canada

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Machine conceptor, Canada

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880'000 ventilation machines
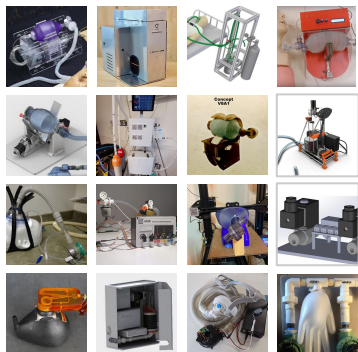
are needed to avoid deaths[1]

60+ versions of freely/reproducible ventilation machines

vital need of
- coordination of open networks and caregivers
- crowdsourced quality assessment
- knowledge for decentralized mass production

1. GlobalData COVID-19 report, www.globaldata.com/covid-19, retrieved April 5 2020

1 **one** **modular ventilation machine**

✓ easy to reproduce where needed

✓ validated and iteratively improved

✓ adaptable to locally available resources

Achieved:

- support requested to assemble a team able to produce 500 machines
- 60 machines listed + method for crowdsourcing – openvillage.ch
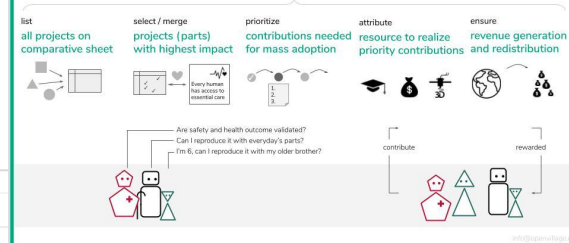- collaboration to map projects across hackathons – civictechhub.org

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In the field

▪ providing expertise
   for producing open machines

▪ gathering open hardware
   opportunities / resources

Online

▪ easing 'open hardware' visual
   filtering / comparison on websites

▪ crowdsourcing one fully functional
   ventilation machine via openvillage.ch