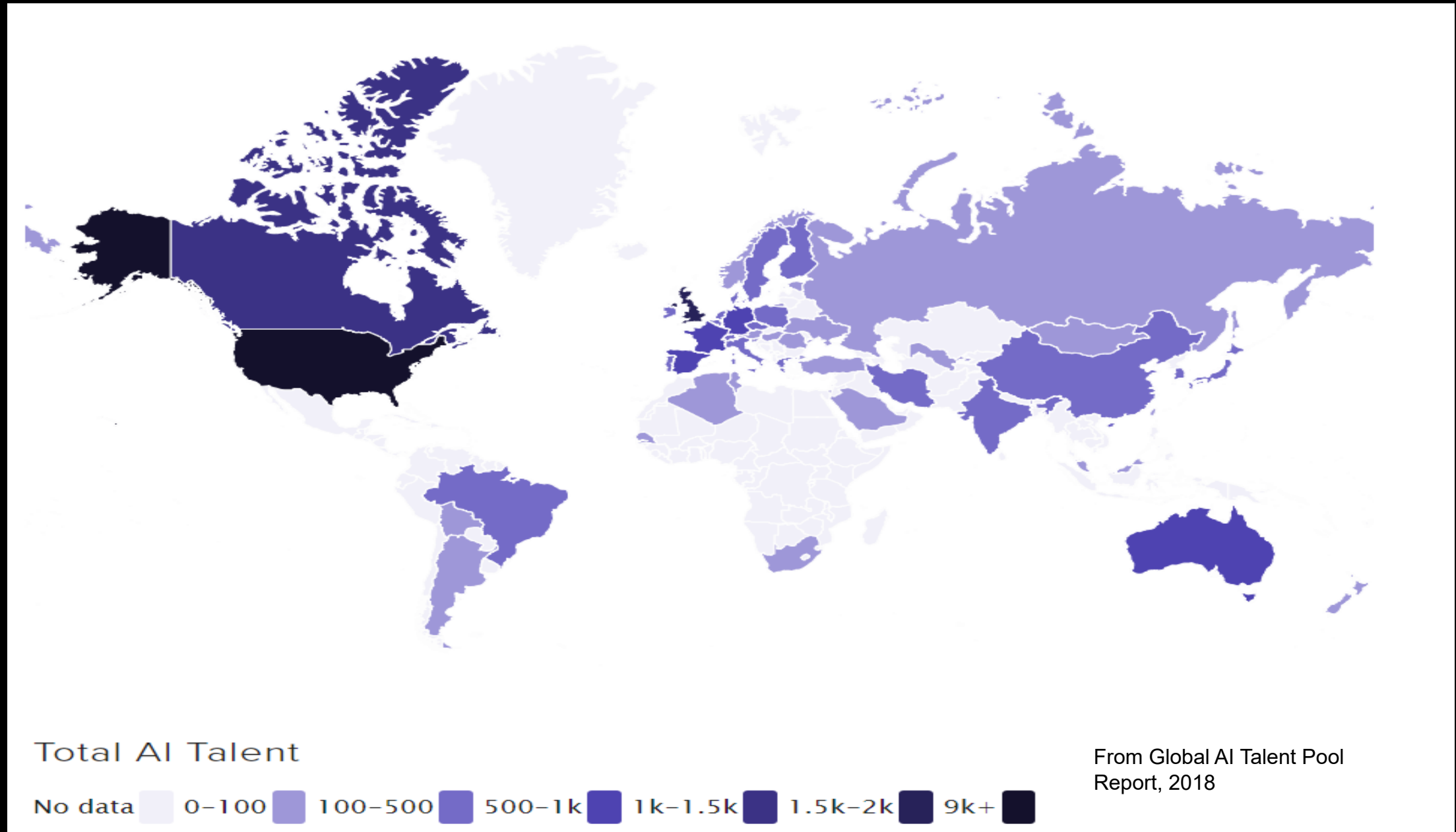


Global AI Talent in 2018



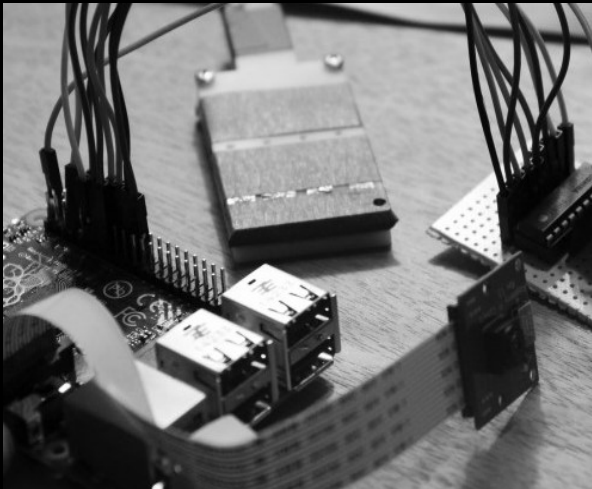
Citizen Science Labs & Fab Labs in 2018



Sustainable Innovation = AI + ... ?



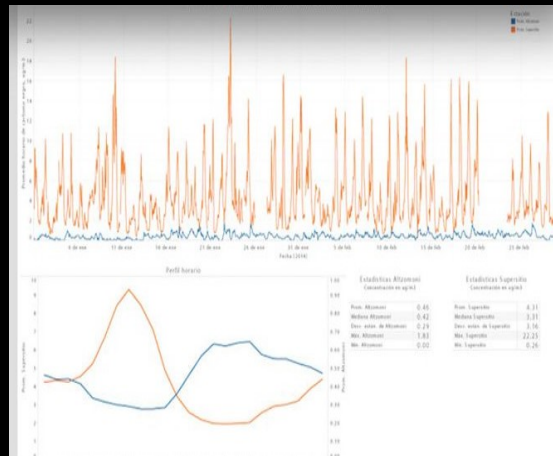
Open Sensory Substitution



InterSpecifics, Community Lab in Mexico



Bio-sensors & genotyping



Environmental sensing

```
47  }).send(s);
48
49  //
50
51
52  SynthDef(\pii_synth3, {
53    [freq=440, dur=0.1, amp=0.5, out=0]
54    var env, sig;
55    env = EnvGen.kr(Env.perc(1/20, dur), gate, doneAc
56    sig = SinOsc.ar([1, 1.334840, 1.587401] * freq,
57    Out.ar(out, env * sig * amp);
58  }).send(s);
59
60
61  //
62
63  SynthDef(\pii_synth4, {out= 0, gate= 1, amp= 0.25,
64    var env, sound, sound2, pulse, percEnv;
65    env = EnvGen.ar(Env.asr(0.01, sus, 0.5), gate, d
```



Drone for vaccine delivery in rural areas
From Kumasi Hive, Makerspace in Ghana

Image Recognition for Cervix Cancer Screening

