**Healthy and Responsible Workplaces**

How we use workplaces is rapidly changing. We are moving away from one-desk-per-person offices to being fully mobile and spreading our working hours over a myriad of spaces such as coffee shops, coworking spaces, trains etc. At the moment the only common denominators of the perfect work space seems to be good coffee and wifi.

When people do spend time in dedicated work spaces we want to support them and encourage them to behave responsibly. The focus on responsible behaviour is concerned with motivating building users to reduce their energy consumption and environmental impact wherever possible. For example, your solutions could help to:

* make sure that the building meets their needs to carry out their daily tasks
* make sure that the building supports their health and well-being
* motivate the building users to reduce their environmental impact
* give the office workers the opportunity to give feedback so that the building performance can be improved.

**Data**

Those who accept the challenge will have access to a large amount of both traditional and novel data such as:

* building health data - such as number of hours of employee sickness per day
* building feedback data - from real-time surveys, real-time emotion & feelings feedback & feedback via bttns
* indoor air quality data – showing data from sensors such as CO2 concentrations, temperature, noise and humidity data for an array of spaces
* energy consumption data – showing the energy consumption of multiple systems and for multiple spaces
* occupancy data - real-time usage data that shows the building’s utilisation rate

**Free style Hack the Office challenge:**

Go wild with your solutions utilizing all data and all hardware available at the hackathon! It is you who are creating the future of work. Surprise us!

Additional resources (feel free to use your own)

* <http://www.api.ai>
* <https://www.tensorflow.org/>
* https://www.w3.org/TR/generic-sensor/
* <http://www.programmableweb.com/api/bloomsky>
* <http://www.programmableweb.com/api/sensorberg>
* <http://www.programmableweb.com/api/telepat>
* <http://www.programmableweb.com/api/space-bunny>