Soil Sensor Tech for the Construction Industry

Supporting Low Carbon Technology

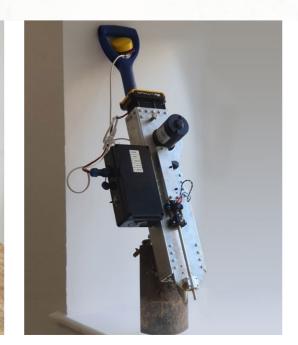










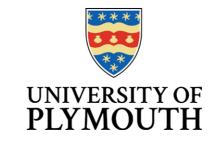








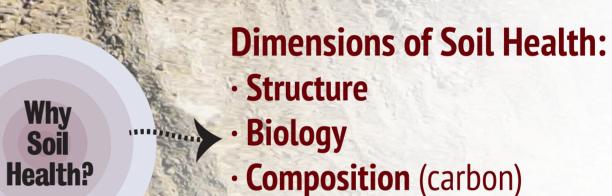












Reduce Soil Waste:

- Save money and time on analysis
- **Better managed construction site soils**
- Quantify your contribution to biodiversity

Soil is an opportunity - not a problem

Soil is a resource - not a waste

Contamination (physical, chemical, pollution)

Aid your corporate responsibility

How can Soil Sensor **Tech help?**

What Soil

Sensor Tools

are avilable?

Why

Soil Sensor

Tech?

Soil Resource Plan:

- Planning stage [spacial variability survey]
 - During construction [monitoring soil conditions]
 - Post construction [evaluation and monitoring]

Spatial Surveying of Soil Variability:

- Electromagnetic induction scanning [to determine variability in soil]
- Gamma ray scanning (Medusa Radiometrics) [to measure carbon stocks]

Targeted Analysis of Chemical and Physical Soil Composition:

- Near infrared spectroscopy (NeoSpectra) [to measure carbon stocks and soil texture]
- Lateral flow particle size analysis (microBIOMETER) [to measure soil fungi and bacterial health]

Targeted Analysis of Soil Compaction:

(Automated penetrometer)