

# Indoor Weather Stations

Legible Landscapes is a five year project funded by the European Research Council conducted by a group of researchers based in the Interaction Research Studio at Goldsmiths, University of London.

Our focus is to explore environmental awareness in the home, through designing systems that use sensors to reveal environmentally relevant attributes of the domestic environment.

Unlike many existing technology systems for increasing environmental awareness, the Legible Landscapes projects aims to be more open ended in how people use and interpret the designed systems. Carbon footprint monitors and smart electricity meters provide empirical information, but our focus is on supporting more poetic readings of the home. We wonder if such readings can encourage interesting, complex or simply different reflections on the relationships between home, technology, and the environment.

We have made a variety of digital devices to expose the microclimate of the home – we call them Indoor Weather Stations. These devices reveal nuances of light, air and temperature: the Light Collector, the Wind Tunnel and the Temperature Tape. A group of twenty participants from south-east London are currently living with the Weather Stations, and providing us with valuable insights about how they are experienced and used.

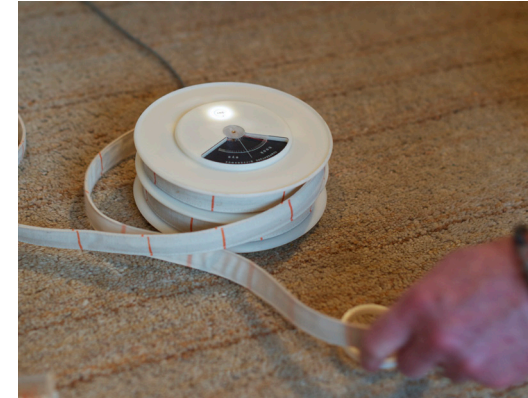
*"I just like it [the Light Collector]. It's like a goblet, chalice...I love things that are new that haven't quite settled down yet into what they are going to be"*

*Molly (participant)*

Left : The Light Collector displays the ambient light in the home as a continuously updating colour palette.



There are three Indoor Weather Stations: the Temperature Tape, the Light Collector and the Wind Tunnel.



The Temperature Tape reveals gradients along a thermochromic tape, and the temperature difference between the two ends.



The Wind Tunnel senses micro drafts and amplifies them within a miniature landscape.