





#### 'PERSONALISED' EXPERIENCE

#### **SHOPPING**

- ...LOCATION
- ... BUYING TRENDS
- ... FRIENDS//BIRTHDAYS
- ... FACIAL RECOGNITION

- ...LOCATION
- ... POLITICAL INTERESTS

#### **MAPS**

- ... CAR ROUTES
- ... SPEED WALKING/DRIVING
- ... CONTACTS NEARBY



... TREND ANALYSIS

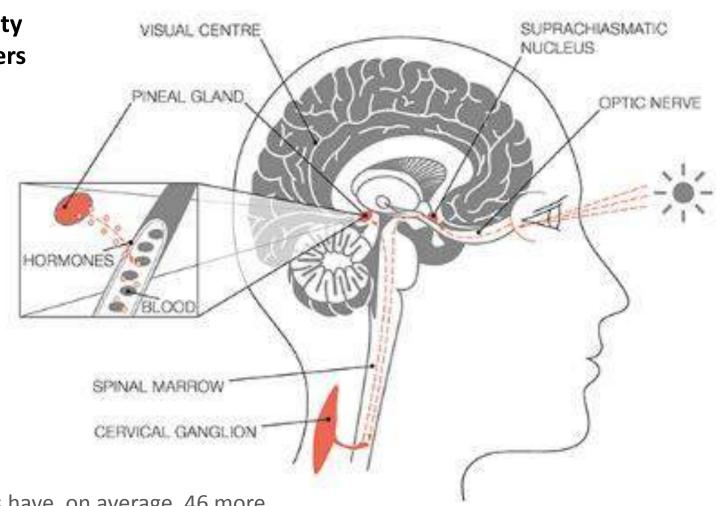
#### **BANKING**

- ... IDENTITY INFO
- ... SPENDING PROFILE
- ... SHOPPING TRENDS

#### **HUMAN DATA COLLECTOR: LIGHT**

Light is a external trigger for a wide variety of biological responses. Our brain registers light as data about the external environment.

- Vitamin D
- Circadian rhythm
- Heart rate
- Sleep quality
- Concentration



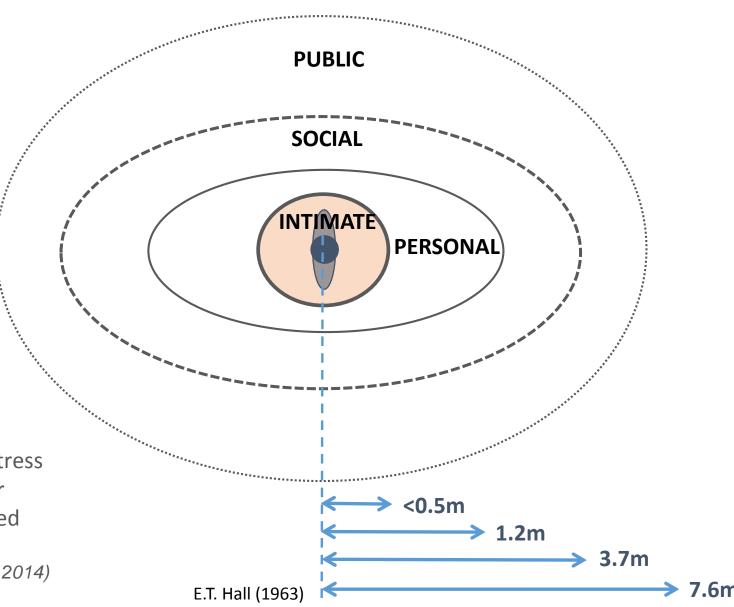
Office workers who sit near windows in offices have, on average, 46 more minutes sleep per night than colleagues without a window. (I.Cheung, 2013)

#### **HUMAN DATA COLLECTOR: SOCIAL INTERACTION**

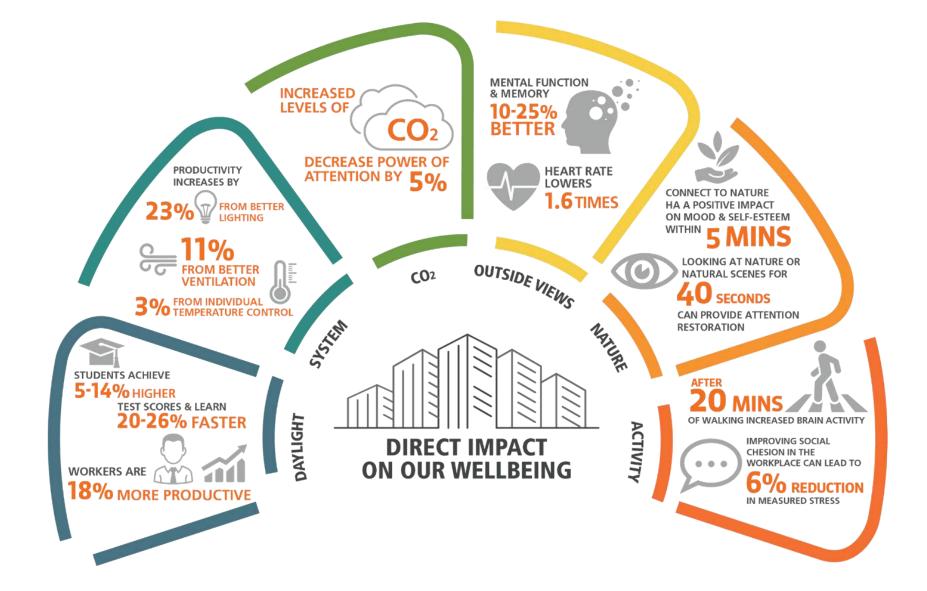
Interaction is valuable for the development of social relationships responds to a human need for belonging.

Strong informal social networks can reduce stress in the workplace. Increasing opportunities for interaction lead to a **6% reduction** in measured **stress**.

(Health, Wellbeing and Productivity in offices, WGBC 2014)



#### **WELLBEING: ENVIRONMENT MATTERS**



#### ATKINS' HUMAN CENTRED DESIGN

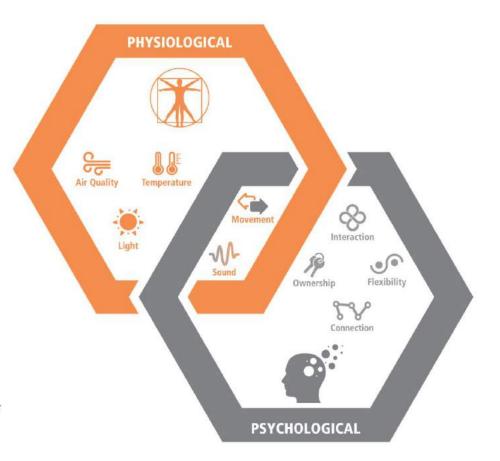
#### WHAT DOES IT DO?

Uses technology to put wellbeing at the heart of design decision-making.

#### **HOW DOES IT DO IT?**

By objectively quantifying design impact on user experience through:

- 1. Defining a bespoke wellbeing brief
- 2. Measuring design proposals in relation to capital cost, energy in use, and wellbeing



## **DEFINING WELLBEING**

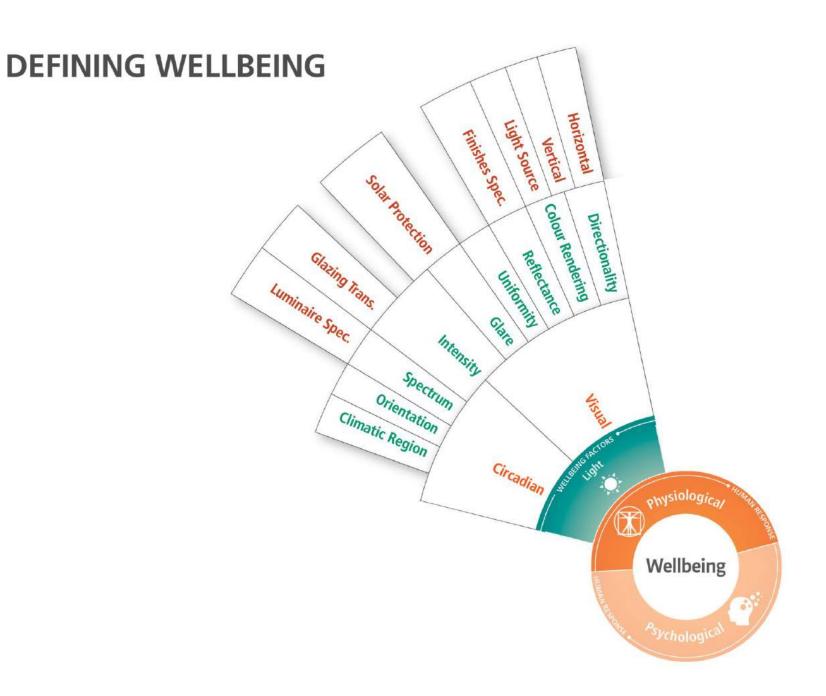


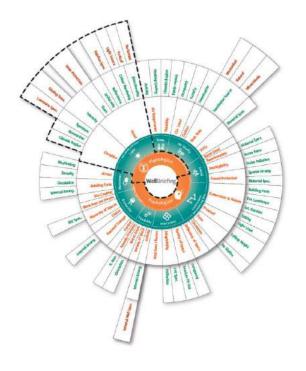
## **DEFINING WELLBEING**



# **DEFINING WELLBEING**







**Human Response** 

**Wellbeing Factors** 

**Design Parameters** 

**Detailed Design Parameters** 

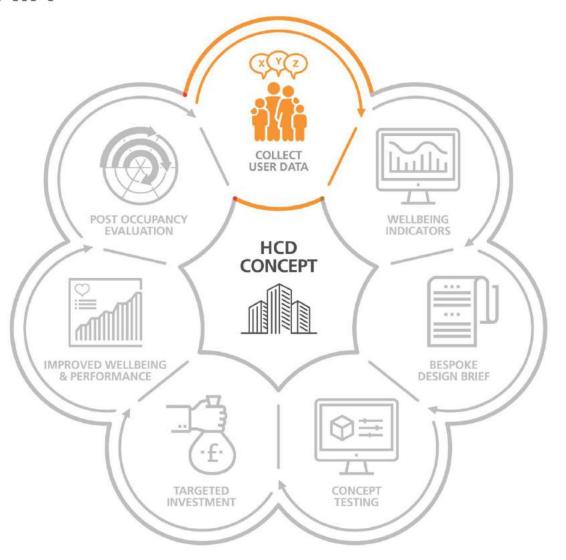
**Design Specification** 

## THE CONCEPT





## **COLLECTING USER DATA**





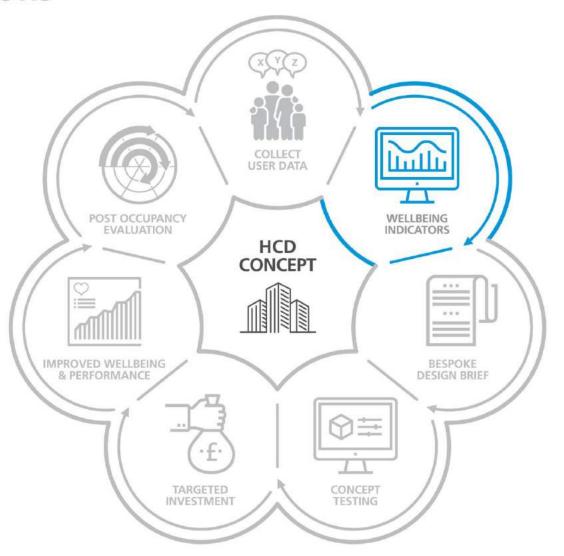




#### **USER DATA – DEEP AND BROAD ANALYTICS**

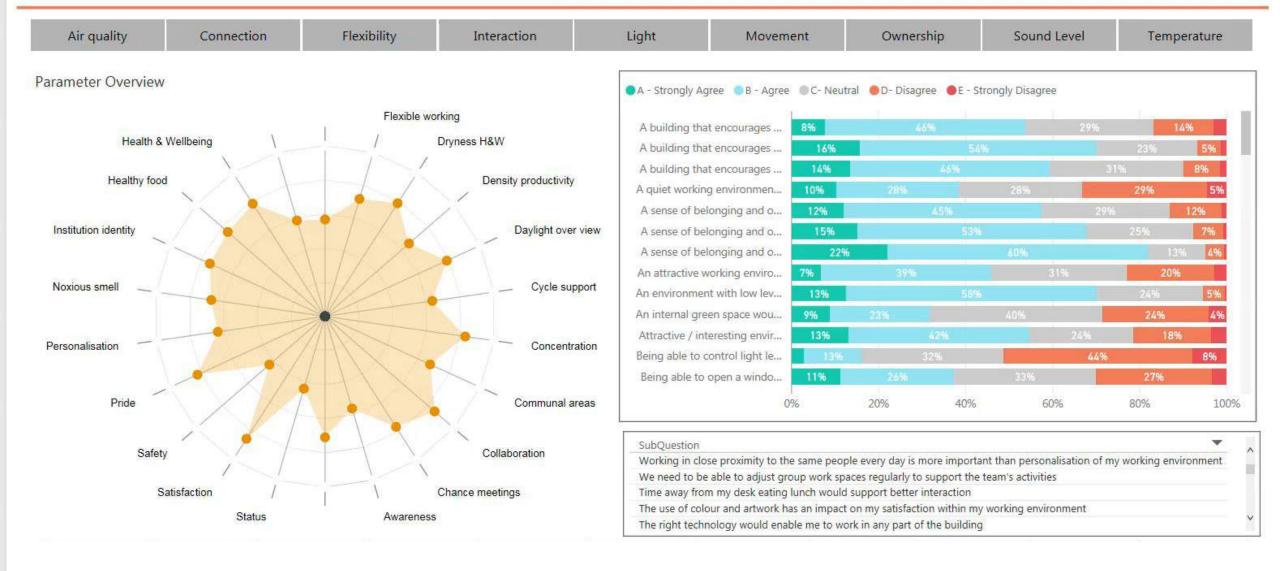


# **WELLBEING INDICATORS**

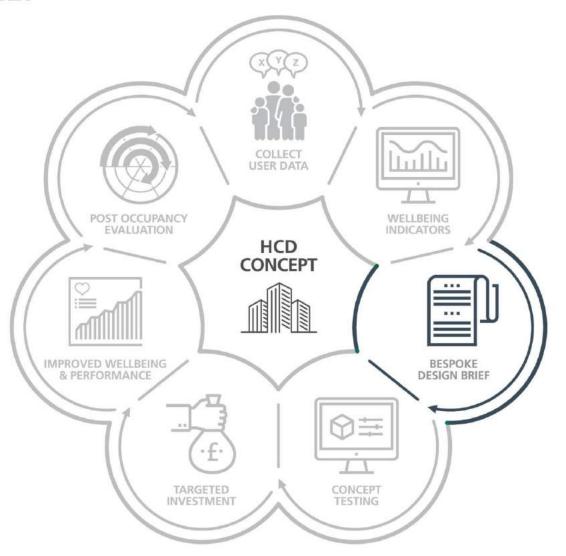






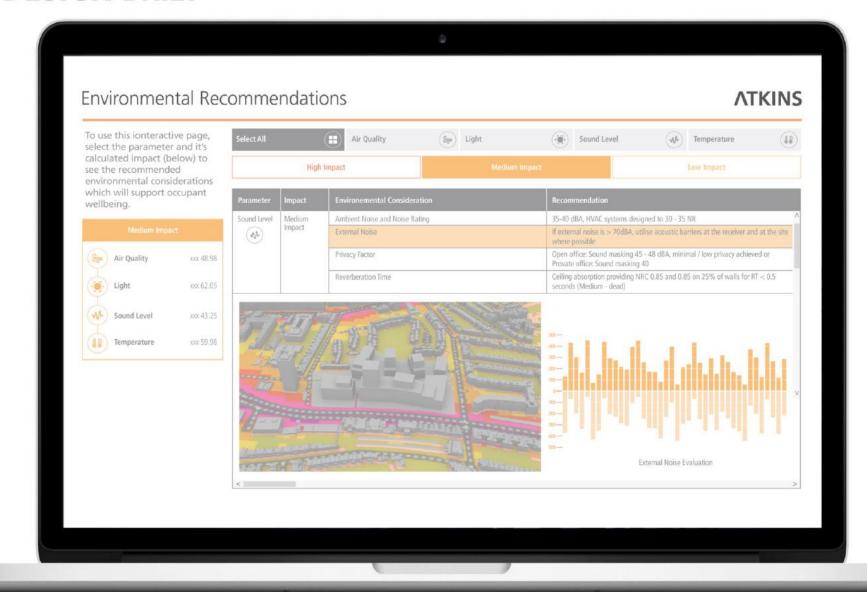


### **BESPOKE DESIGN BRIEF**

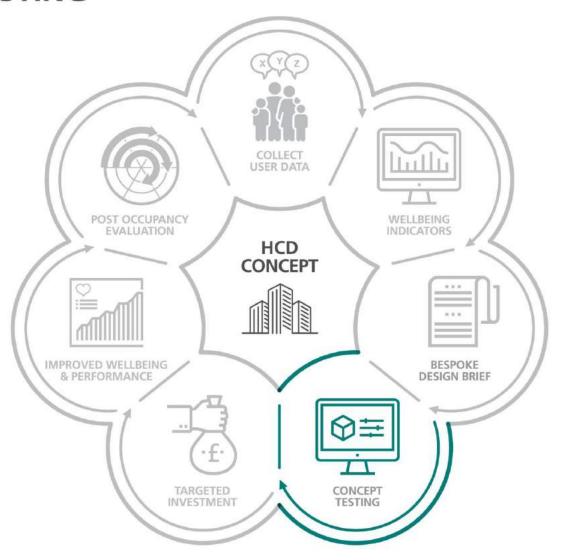




#### **BESPOKE DESIGN BRIEF**

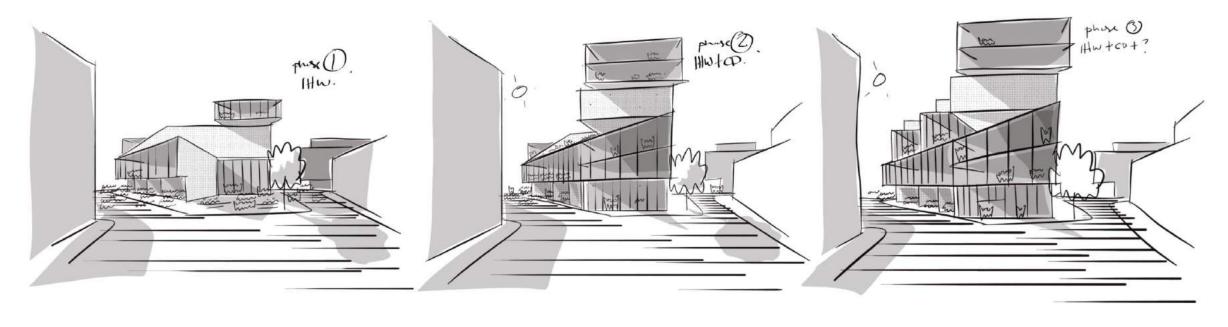


## **DESIGN CONCEPT TESTING**



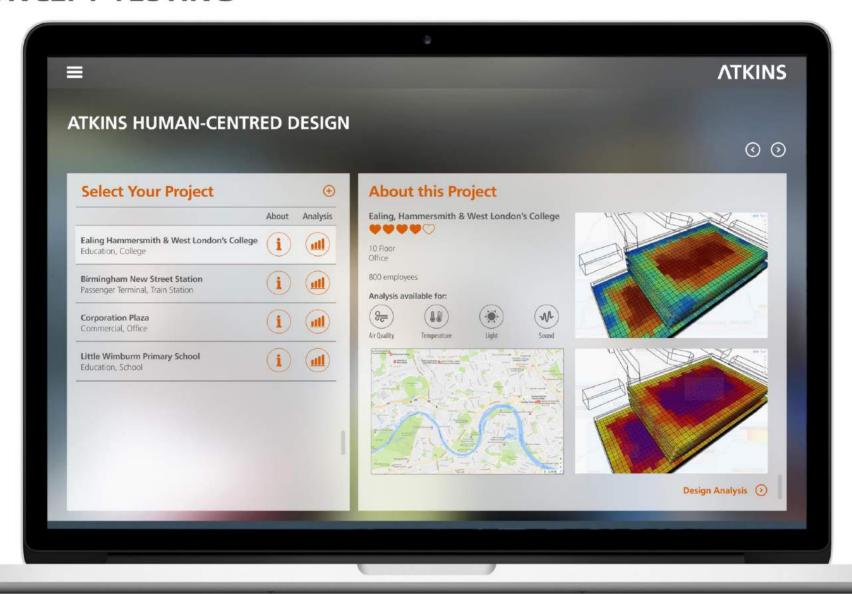


# **DESIGN CONCEPT TESTING**

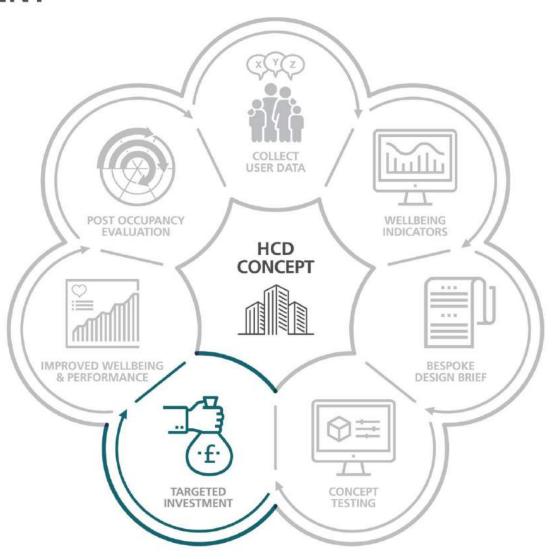


Option 1 Option 2 Option 3

#### **DESIGN CONCEPT TESTING**



## **TARGETED INVESTMENT**











#### **IMPROVED WELLBEING & PERFORMANCE**

Using WellBriefing has taken us away from the basic dialogue we often have with staff. Instead we're having a more mature dialogue around mixed use and flexible spaces.



Tim McIntyre-Bhatty
Deputy Vice Chancellor at Bournemouth University

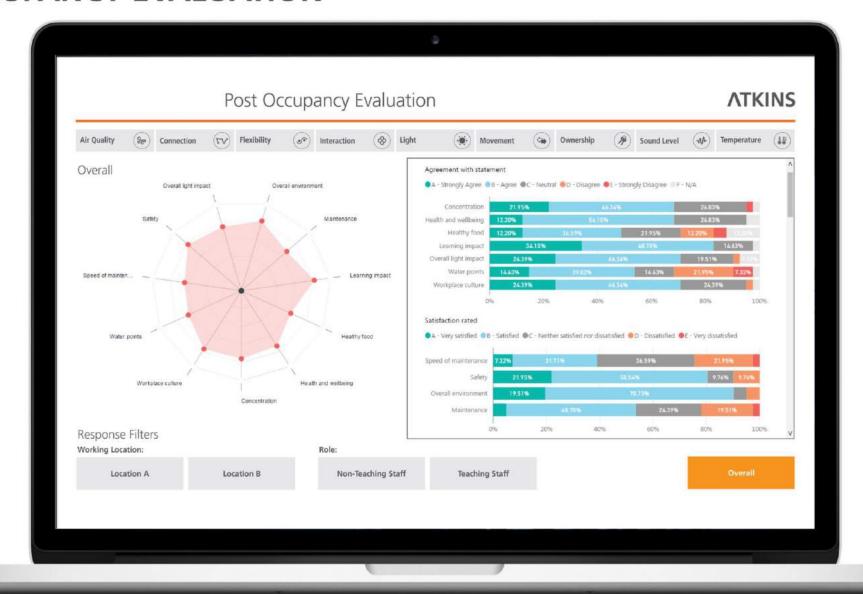
### **POST OCCUPANCY EVALUATION**







## **POST OCCUPANCY EVALUATION**



### **VIRTUOUS CYCLE**



