

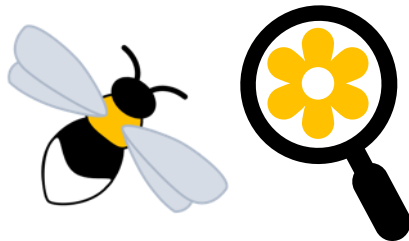
# Designed for Connection

Pollinator citizen science for nature connection



# Designed for connection

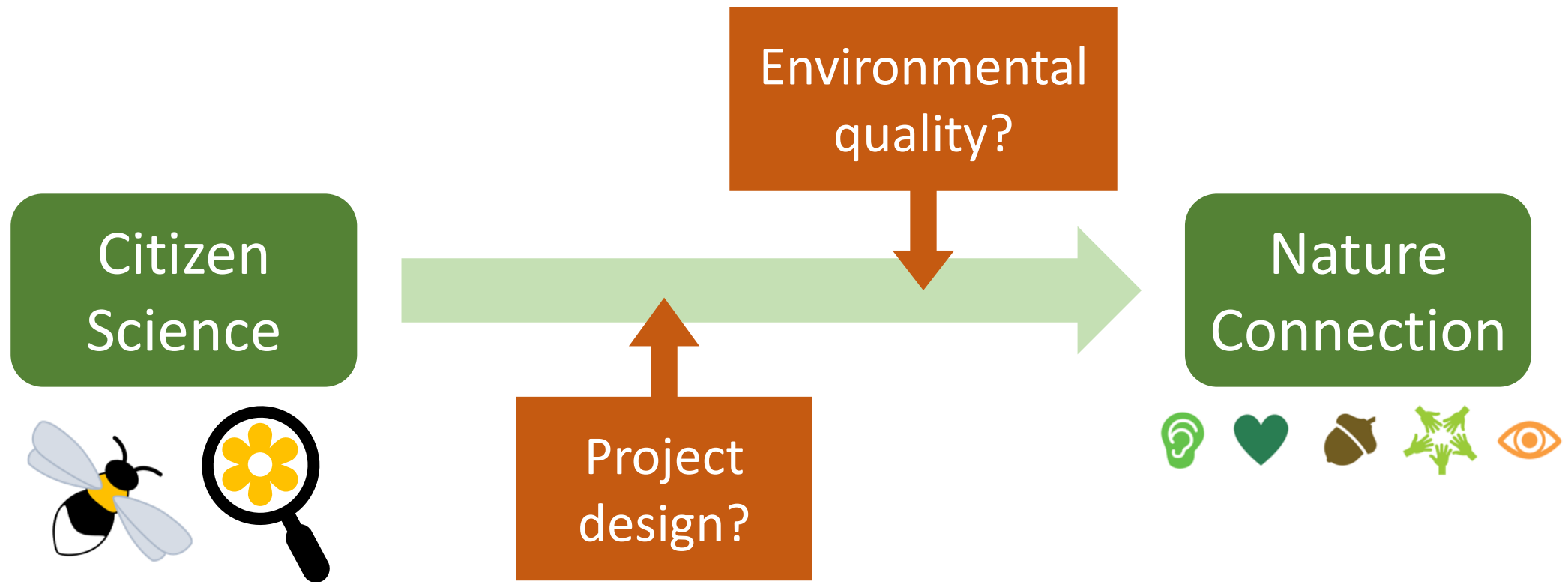
Citizen  
Science



Nature  
Connection



# Designed for connection



# Our Citizen Science Activity



Plantlife

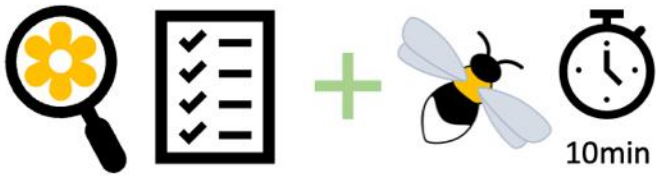
POMS  
UK Pollinator Monitoring Scheme



# Our Citizen Science Activity



Traditional Citizen Science  
(TCS)

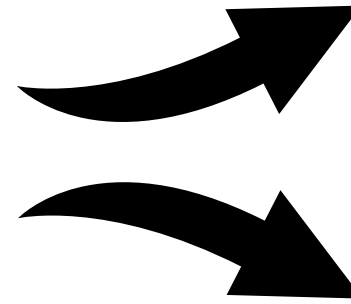


Plantlife

POMS  
UK Pollinator Monitoring Scheme



# Our Citizen Science Activity



Traditional Citizen Science  
(TCS)

Pathways Informed Citizen  
Science (PICS)



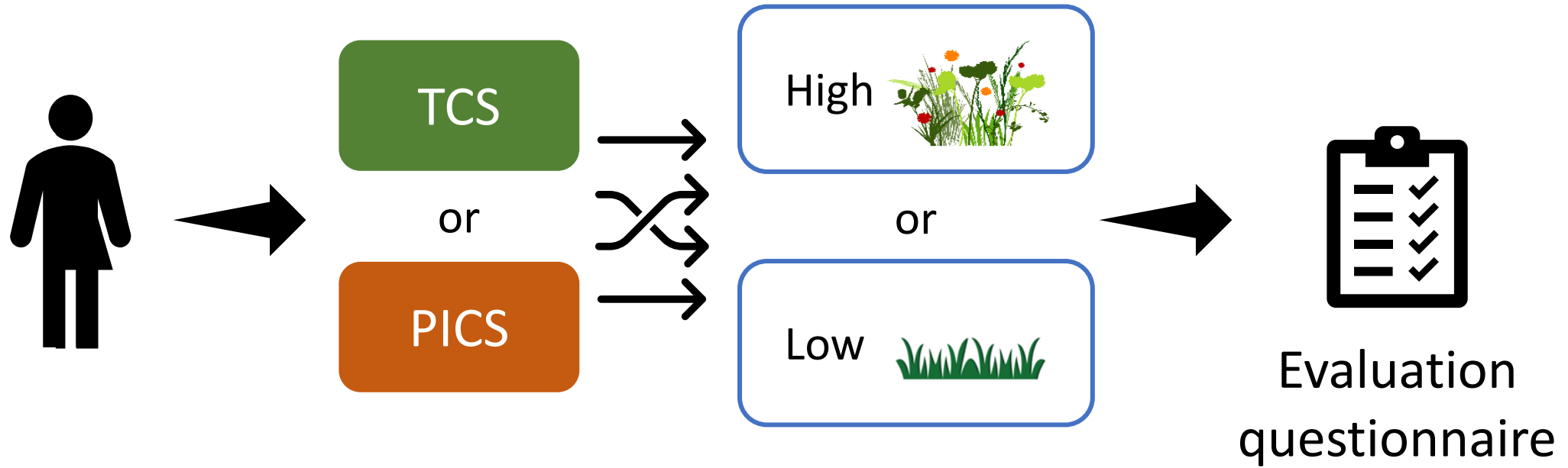
Plantlife

POMS  
UK Pollinator Monitoring Scheme

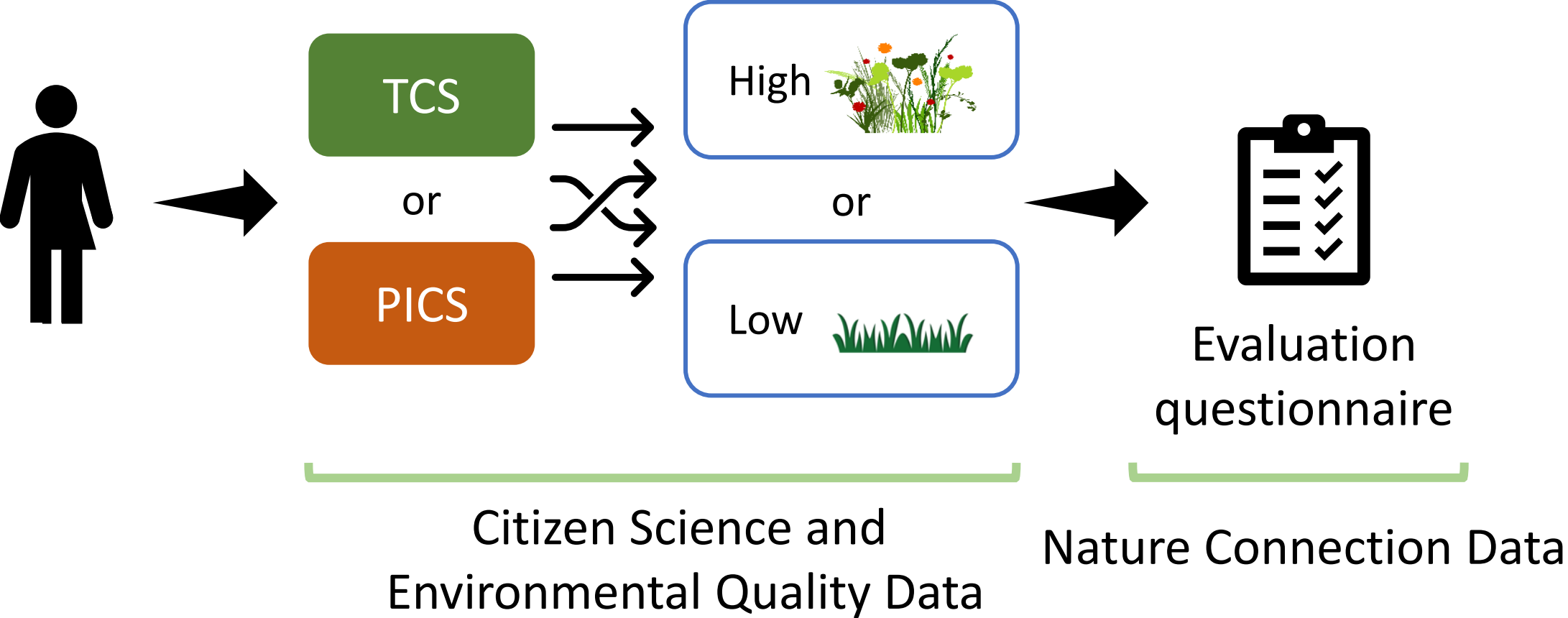
-  Senses
-  Emotion
-  Meaning
-  Compassion
-  Beauty



# Research Design



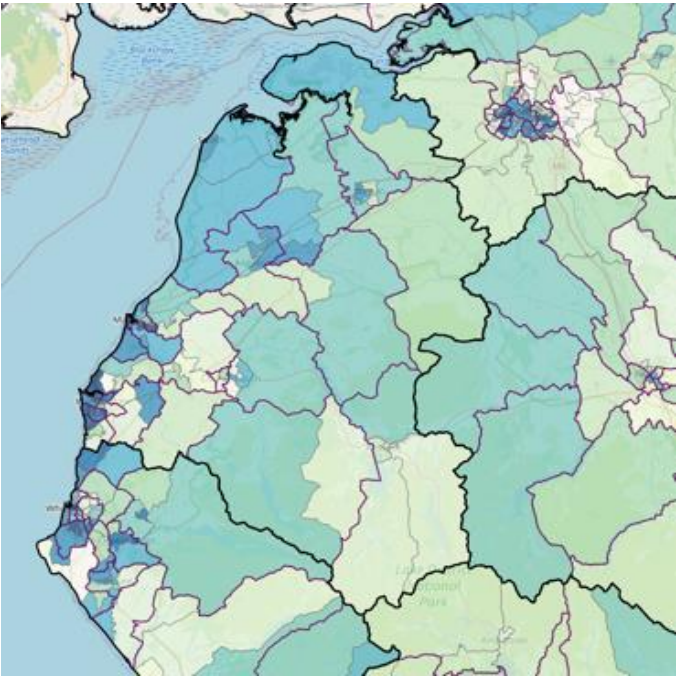
# Research Design





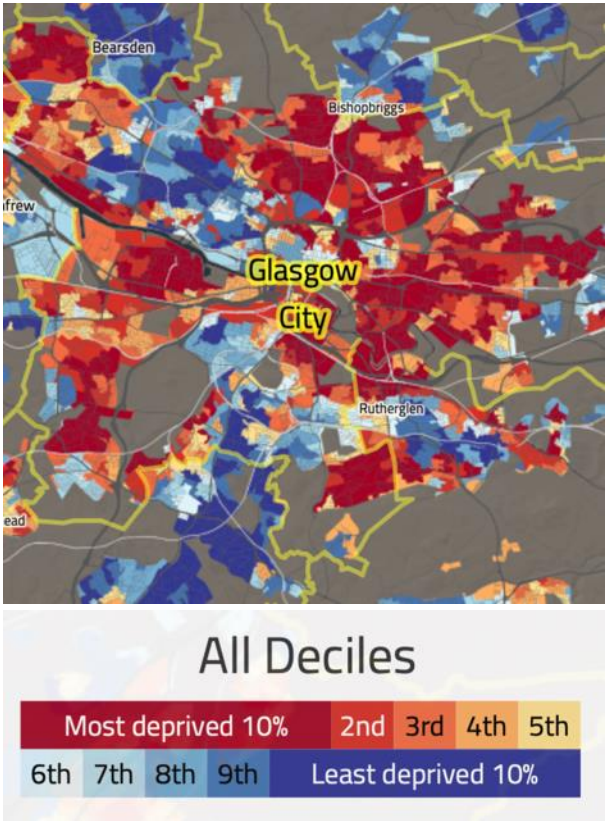
# Targeting low nature connection

## Cumbria



\*Darker areas = higher levels of deprivation

## Glasgow

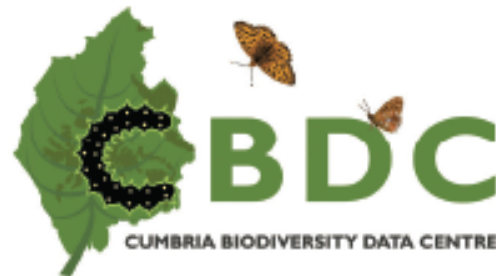


# Recruiting participants

Cumbria



**Planting for Pollinators**  
Cumbria Local Nature Partnership



Glasgow

the hidden gardens

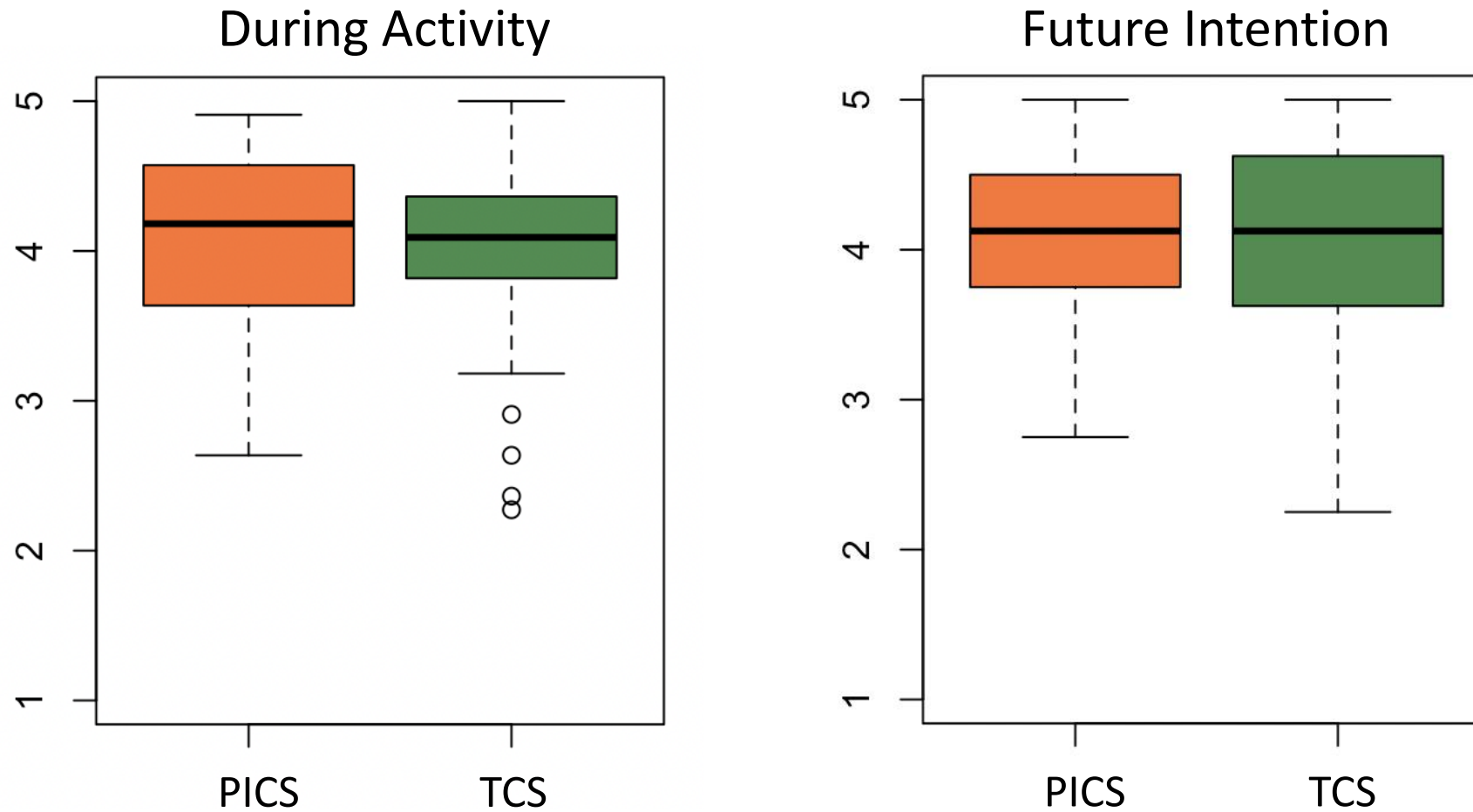




92



# Positive impact on Nature Connection



# Environmental Quality

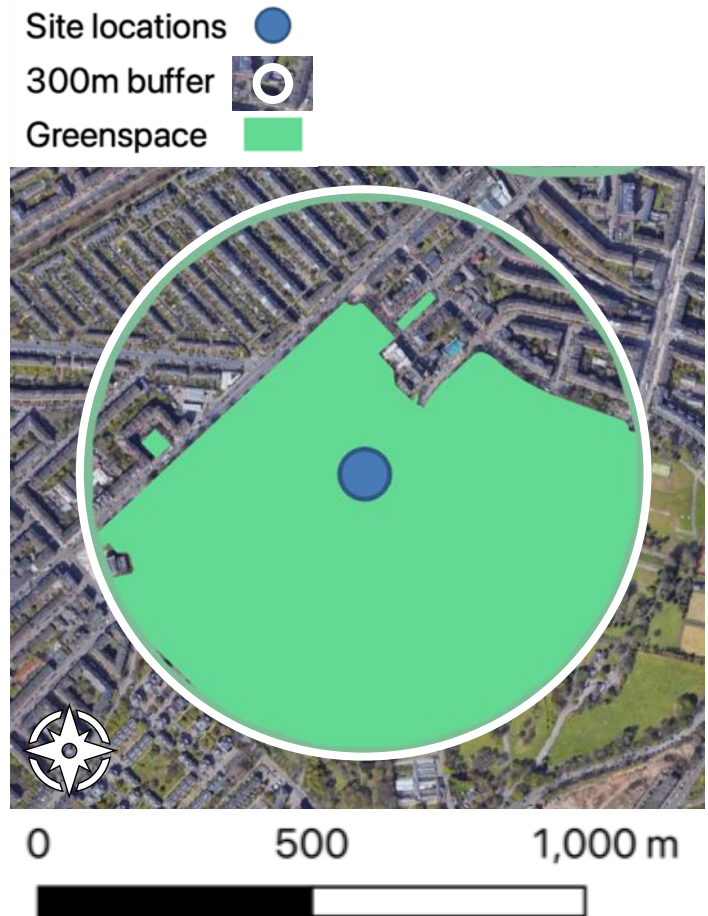
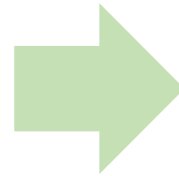


# Environmental Quality

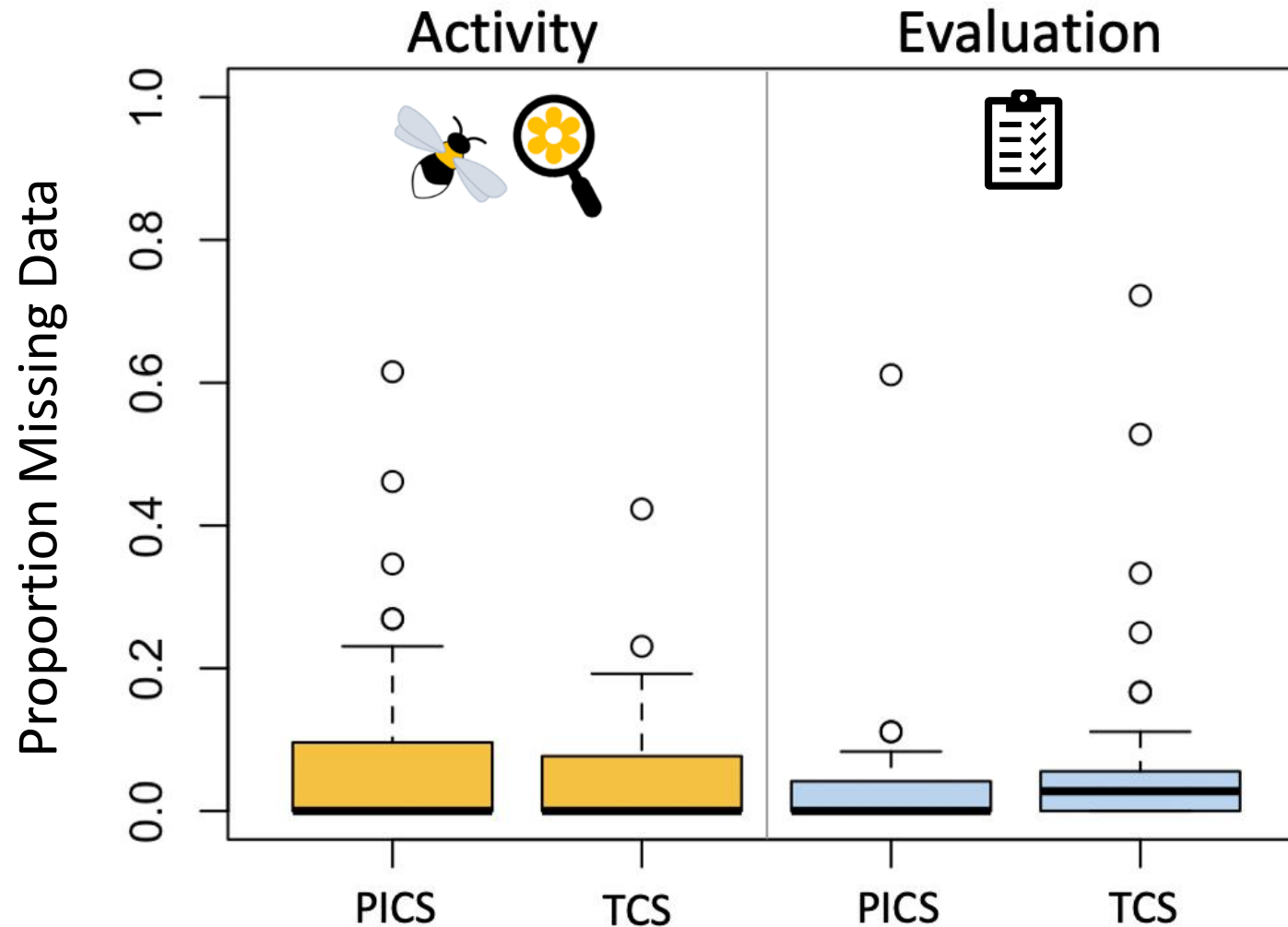
1) Perceived – Flowers 🌻

2) Perceived – Insects 🐝

3) Surrounding accessible  
greenspace



# Citizen Science Data Quality



# Difference between PICS and TCS too subtle?

Traditional Citizen Science  
(TCS)

Pathways Informed Citizen  
Science (PICS)

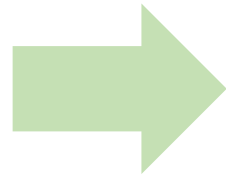
-  Senses
-  Emotion
-  Meaning
-  Compassion
-  Beauty



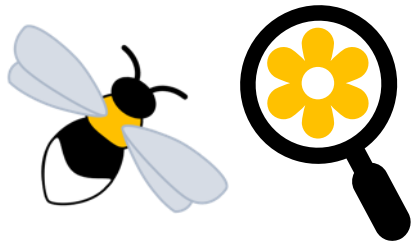


# Impact

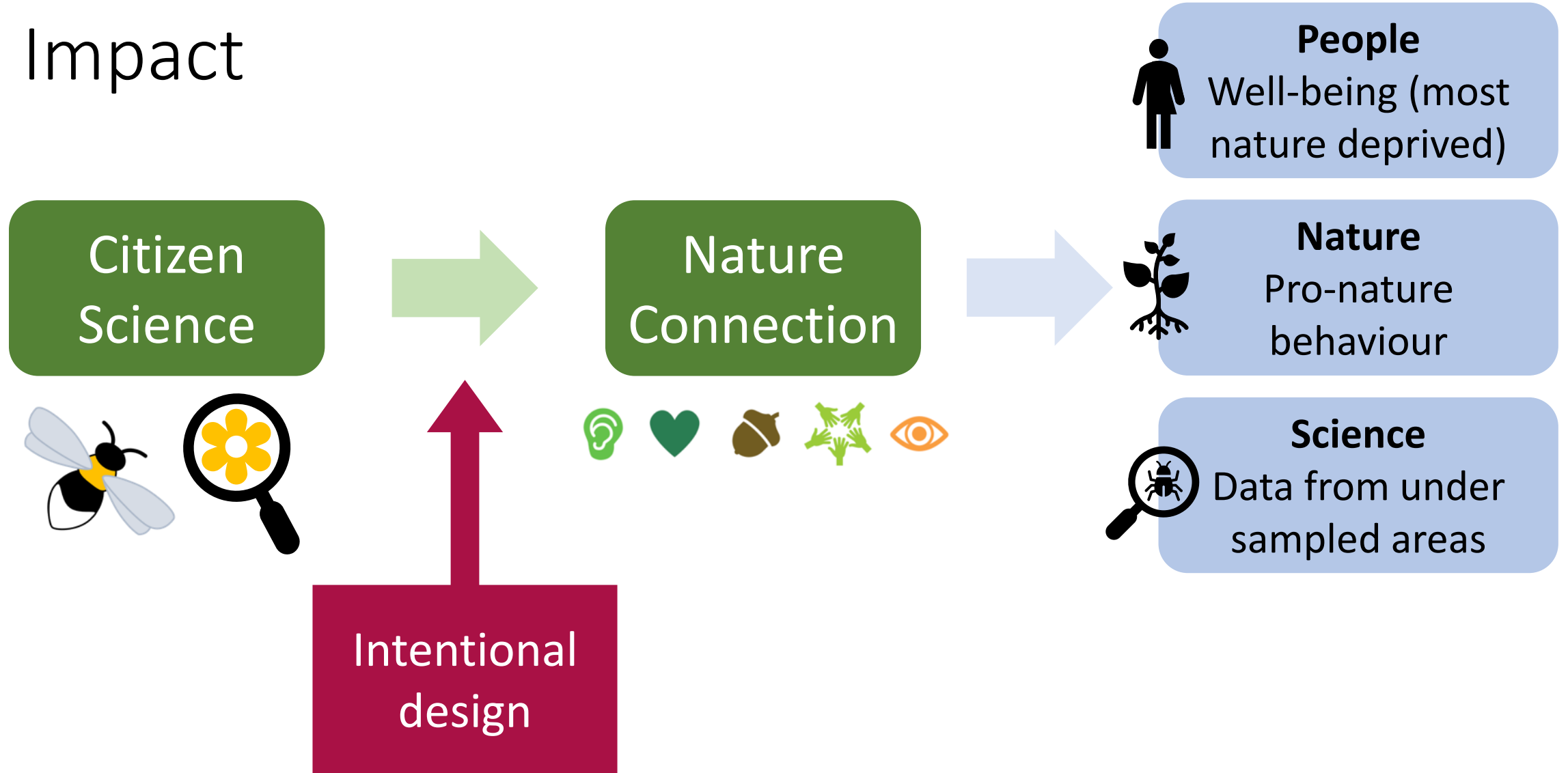
Citizen  
Science




Nature  
Connection



# Impact

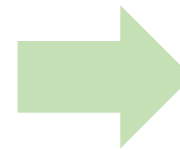


# Project Success

 × 92

Cumbria

Glasgow



Nature connected  
participants

Tried and tested methods

Data

- Plants and pollinators
- Participant evaluation
- Comparison of urban and rural environments



BUTTERCUP, VERY YELLOW, ROUND LEAF.  
WIDE OPEN TOO



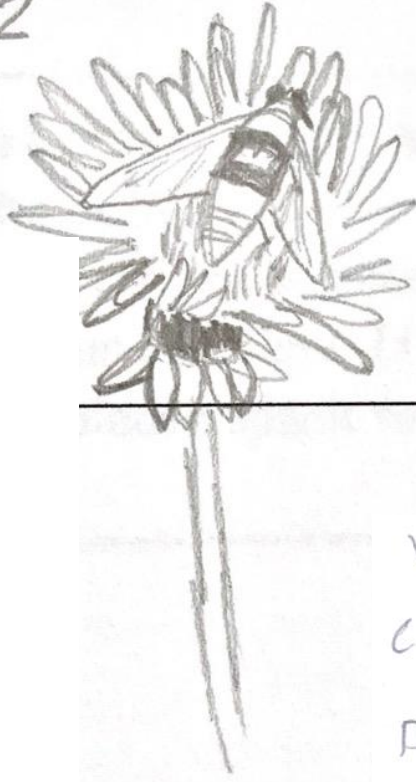
seed heads

pink/purple  
5 petals  
dark veins



leaves in 5 sections  
each with 3 prongs

2



DAISY'S

YELLOW FLOWER WITH A  
CUP FOR ITS HEAD

PINK FLOWERS KNOWN AS  
RAGGED ROBIN WITH  
DIFFERENT HEADS ON  
STEMS

# The Team



Miranda Bane



Michael Pocock



Jody Ferguson



Tanya St. Pierre



Ryan Lumbar



Nottingham Trent University



UK Centre for Ecology & Hydrology



Cumbria Wildlife Trust



Sophie Badrick



UNIVERSITY OF LEEDS



UNIVERSITY of York



Vikki Holden



Nicki Newton



Vic Carr



Rachel Pateman

# Designed for Connection

