



UKCRIC

UK COLLABORIUM
FOR RESEARCH ON
INFRASTRUCTURE & CITIES
**Inspired infrastructure
for better living**



National Green
Infrastructure Facility

Dr Ross Stirling - Co-Director
Newcastle University

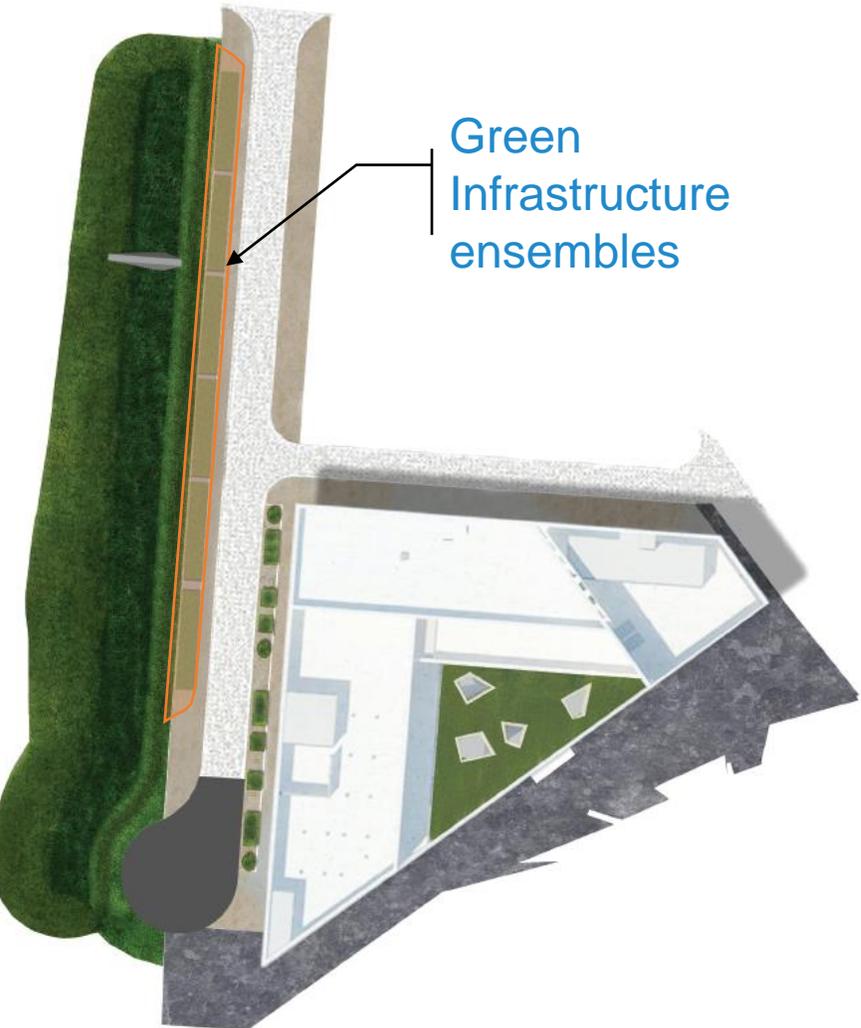
Where and who are we?



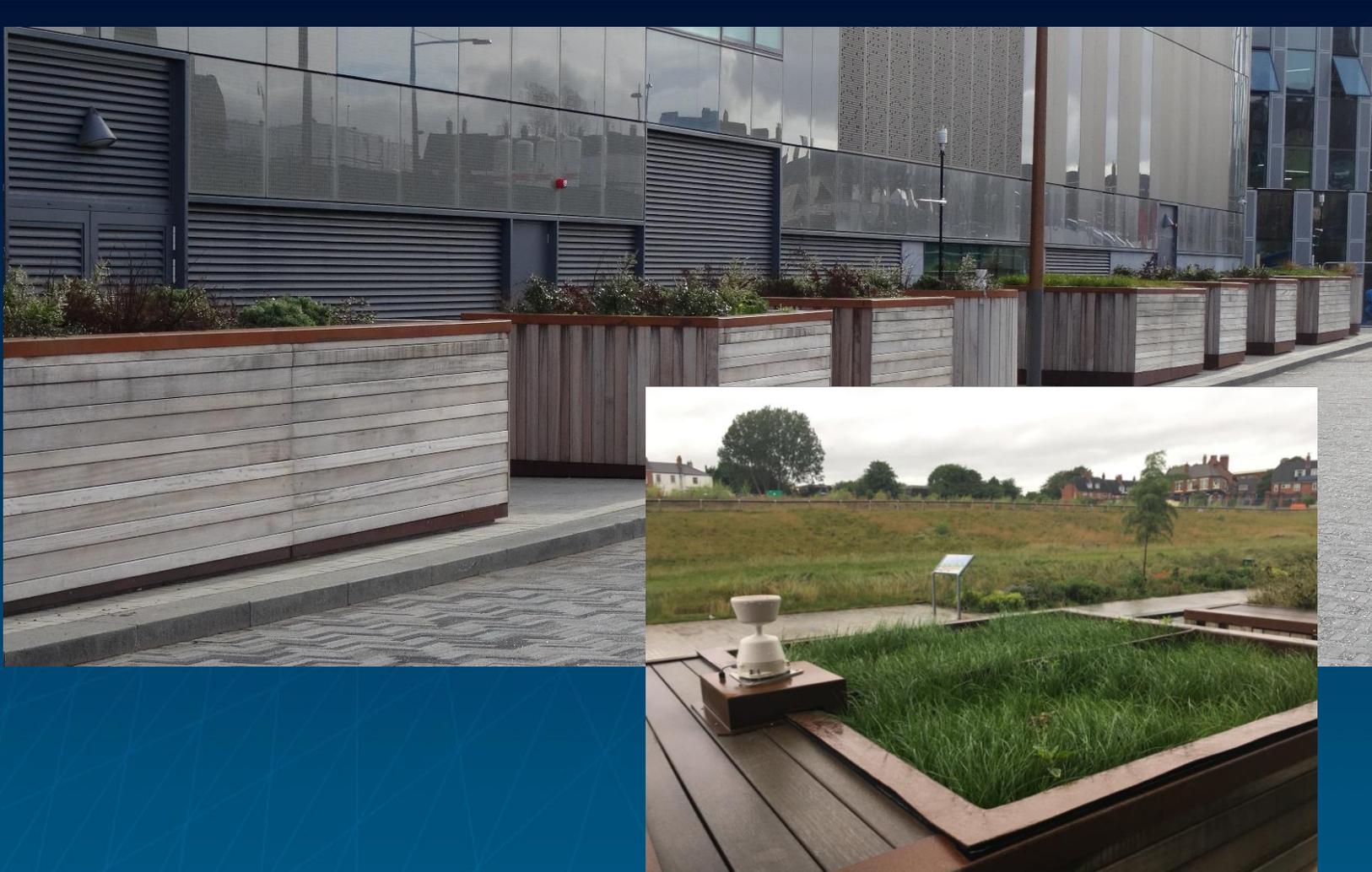
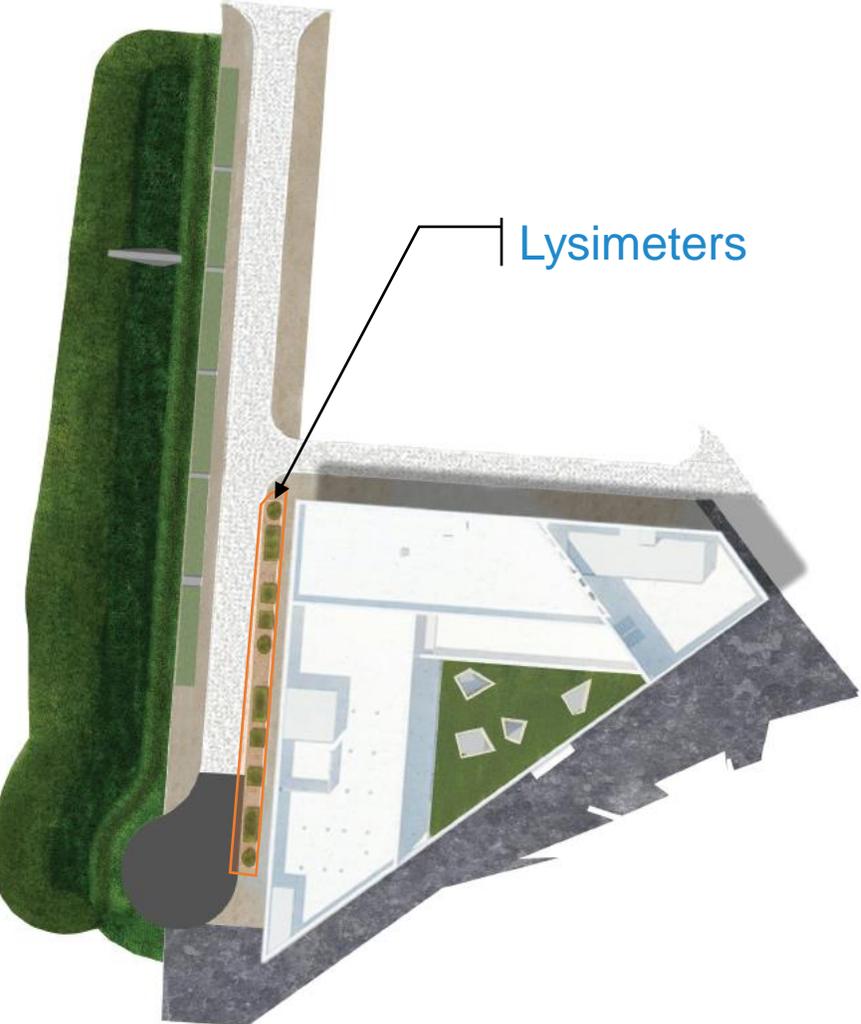
- £9.6m EPSRC Investment
- Officially opened Jan 2020
- 4 PDRAs & 2 Fellowships
- 8 PG Researchers
- Research portfolio ~£8m inc. £50k commercial funding
- Currently collaborating with 5 UKCRIC, 5 non-UKCRIC institutions and 20 SMEs



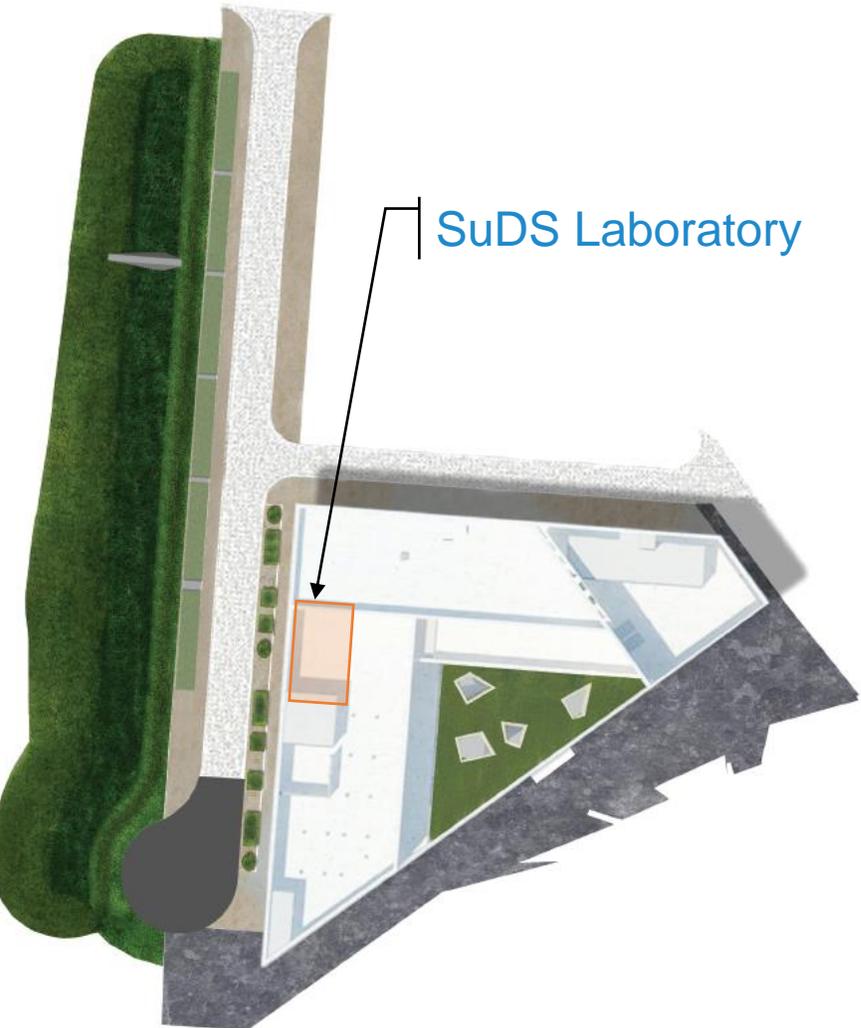
Physical Facilities



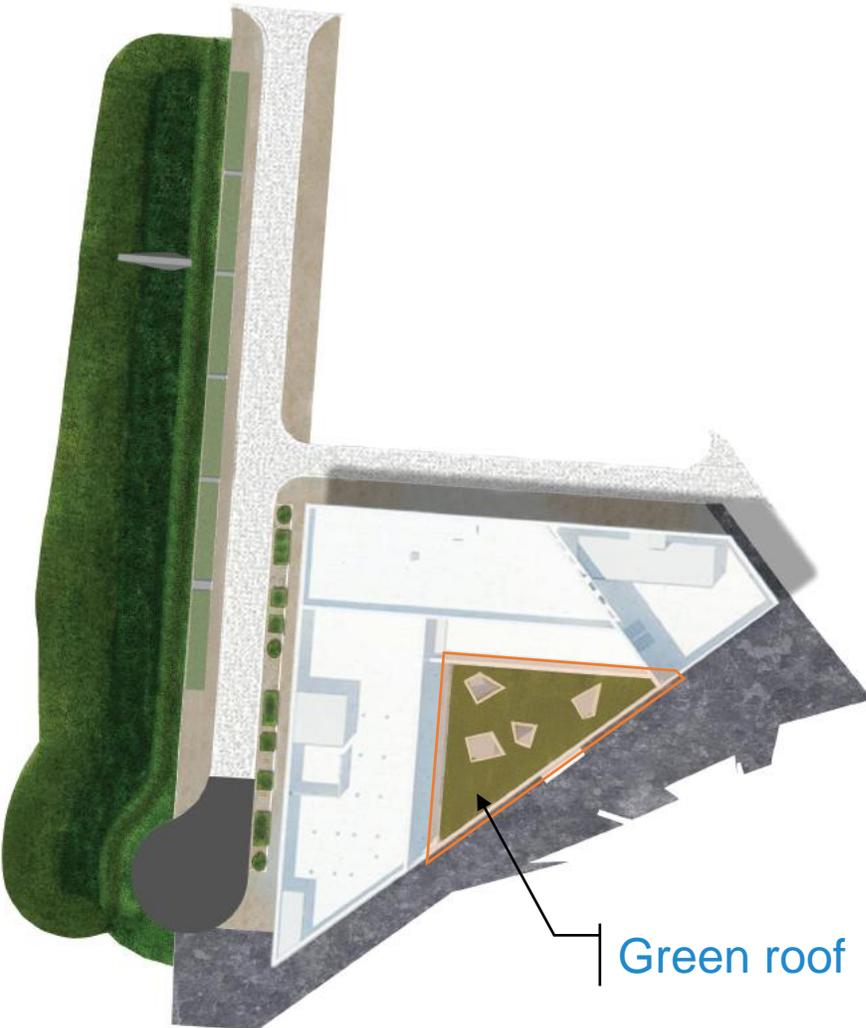
Physical Facilities



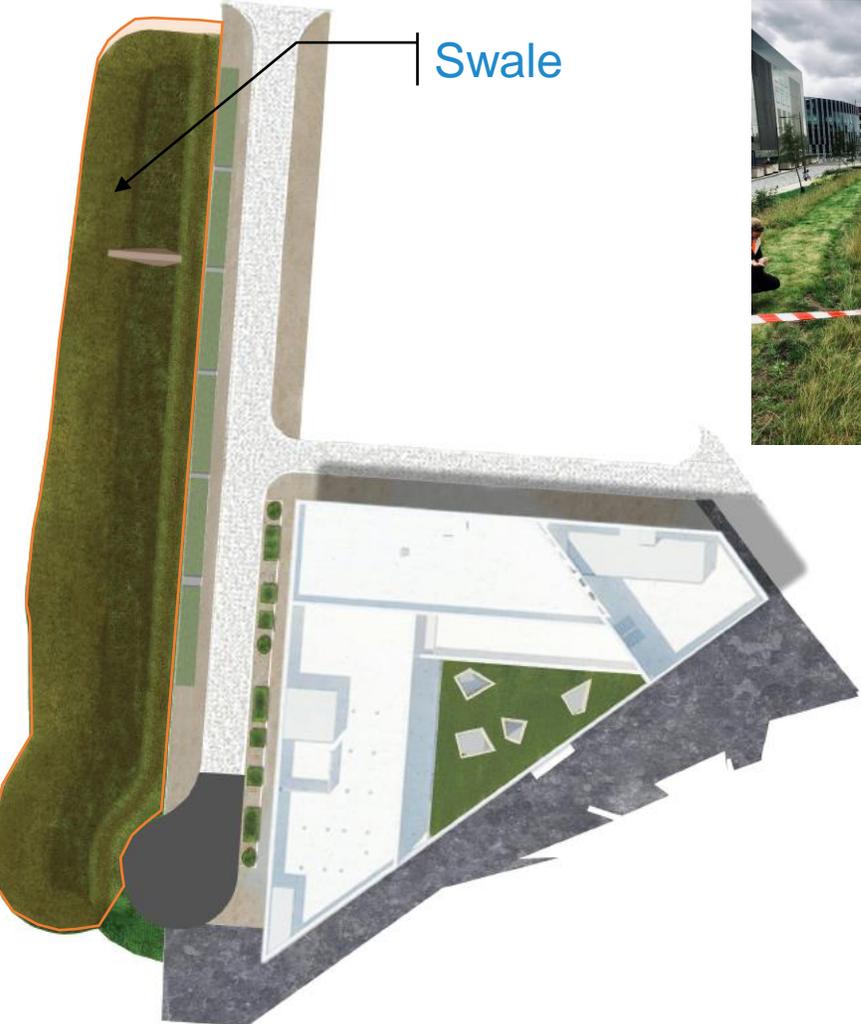
Physical Facilities



Physical Facilities



Physical Facilities



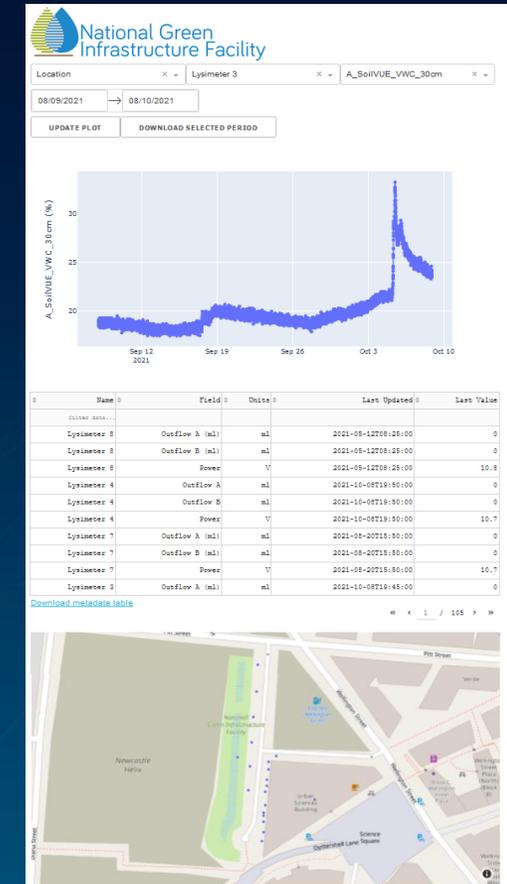
Monitoring and Data



- Total number of sensors: 220+
- Total parameters measured: 508
- Weekly data points: >2.1 million

NGIF Data App:

- Open Access (CC BY 4.0 licence)
- 30-day timeframe download
- Graphical representation
- Metadata



ngif.ncl.ac.uk/

api.ngif.urbanobservatory.ac.uk/

Get involved:
green.infrastructure@newcastle.ac.uk



National Green Infrastructure Facility

Pioneering integrated solutions for green infrastructure

