



#### SAVING ENERGY at FAITH BUILDINGS WORKSHOP

- Welcomes
- Footsteps' Energy assessment initiative background
- Case Studies
  - Al-Mahdi Institute
  - Acocks Green Baptist Church
  - Selly Oak Quaker Meeting House
  - Energy issues facing Hindhu temples
- Discussion
- Conclusions and Action Points

## **Energy Assessments have been undertaken for ...**

**Bethany Pentecostal Church** 

Greek Cathedral of St Andrew and St

Mary

Lozells Methodist Church

Shree Ram Mandir

Selly Oak Quaker Meeting

Green Lane Masjid & Community Centre

Nishkam Centre

Interserve GBI

St John the Evangelist, Sparkhill

Al-Hijrah Mosque

Acocks Green Baptist Church

Hodge Hill Church

Al-Mahdi Institute

Sutton Coldfield United Reformed Church

Digbeth-In-The-Field United Reformed

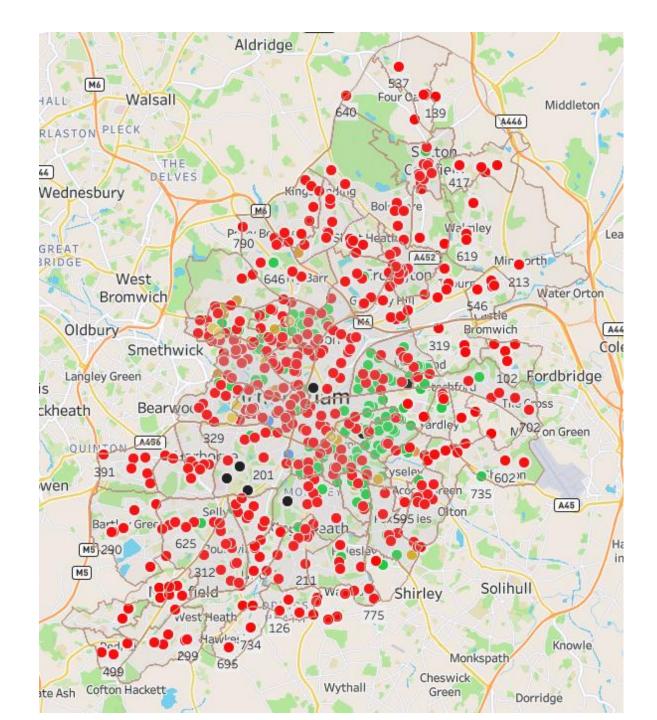
Church

St Christopher, Springfield / Springfield

Centre

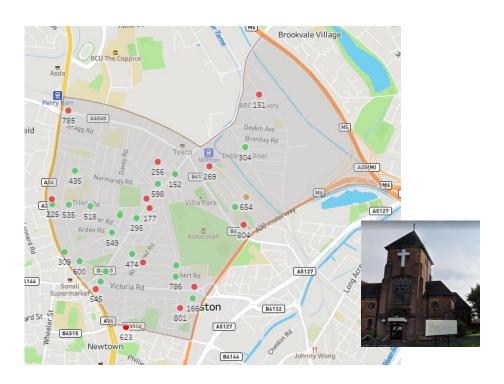
Hall Green United Community Church

Some assessments have been more successful than others in leading to reductions in energy use

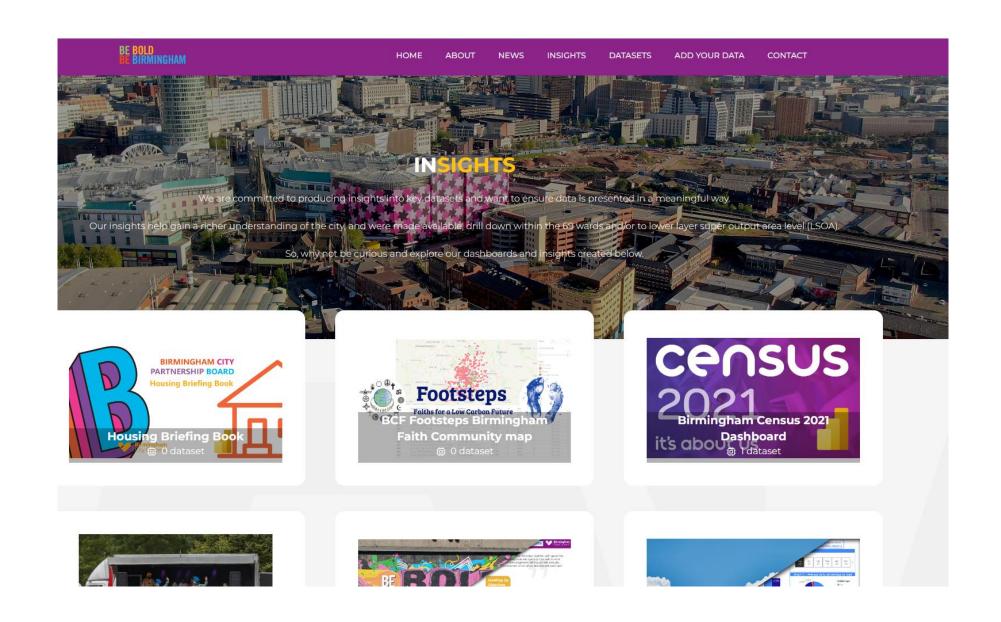


## **BCF Footsteps Faith Community Map**

- 700+ Places of Worship in Birmingham
- Link to Google Streetview
- 15 energy assessments
- Doing more assessments
- Drawing lessons from assessments



#### Faith Community Map now on Council's City Observatory website



# Faith Buildings that 'look like' a mosque, church, gurdwara ...

#### 'Traditional' churches with 'Cathedral' roofs



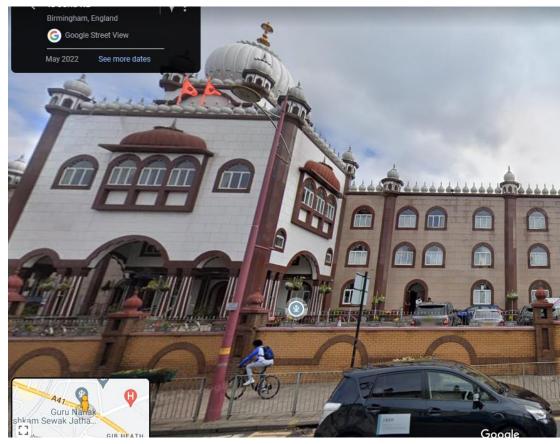
**Greek Cathedral of St Andrew and St Mary\*** 



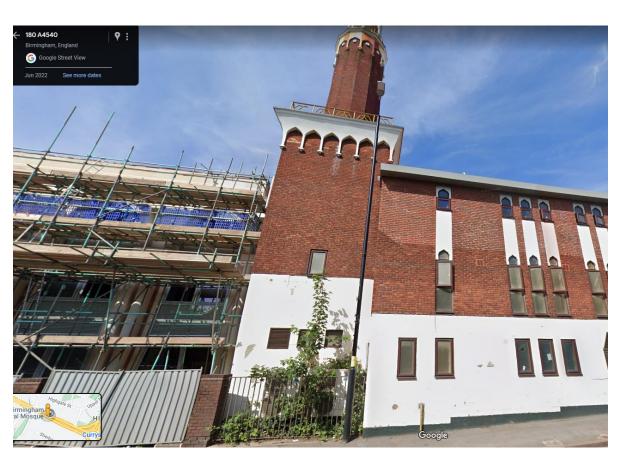
**Sutton Coldfield United Reformed Church\*** 

# Faith Buildings that 'look like' a mosque, church, gurdwara ...

# 'New build' mosques, churches, gurdwaras



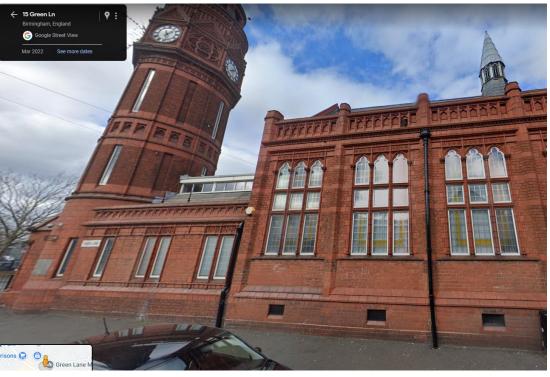




Birmingham Central Mosque First purpose built mosque in Birmingham

# Faith Buildings converted from original use

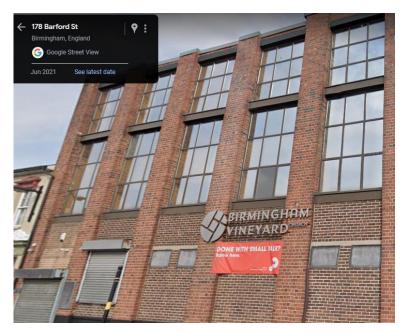




Shree Ram Mandir\*
was originally a cinema

Green Lane Masjid and Community Centre\*
Grade 2 Listed was public library and swimming baths.

#### Faith Buildings adapted from other uses



Vineyard church - warehousing



53 Church Vale Masjid - Detached house



Alhijrah Mosque complex\* - Adapted from houses, school, hostel, light industrial premises

# Many Birmingham Faith Buildings do not conform with the popular image of a mosque, church, gurdwara



Hall Green Community Church\* multi-denominational Church formed from the coming together of Hall Green Methodist Church and Sparkhill United Church (Moravian/URC)

## **Reducing Energy Use in Faith Buildings**

- Different issues associated with each building type
- Energy assessments provide a Methodology
- Phil's energy saving hierarchy can be applied to all building types
  - Use less energy, Use energy efficiently, Use lower carbon technology
- Type, age and condition of heating system is critical
- Energy assessment just the first step
- Turning an assessment into action depends on
  - Resources, commitment, leadership

## **Examples of Thermal Imaging Photos taken as part of Al-Mahdi Institute energy assessment**

