

# Reduce Your Use Campaign in the public sector

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CA EED Madrid 21/3/2023

# Winter energy saving mandate – October 2022

- 350 public bodies required to achieve (schools exempt):
  - **5-10%** savings overall, **15%** in buildings
- And to:
  - Sign up to Reduce your Use energy efficiency campaign
  - Reduce temperature of heating to 19C where possible
  - Shut off heating in office buildings at least 1-2 hours before buildings close
  - Occupy and heat smallest space possible
  - Reduce unnecessary lighting and turn off display lighting between 5 and 7
  - Reduce peak electricity
  - Undertake energy efficiency assessment and plan for energy audit by external expert
  - Undertake O&M audit and introduce processes for operational control and measurement

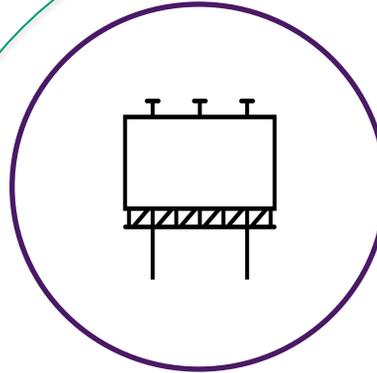
# Different levels of engagement



Office of Public Works –  
Optimising Power  
@ Work

Metering, auditing,  
awareness

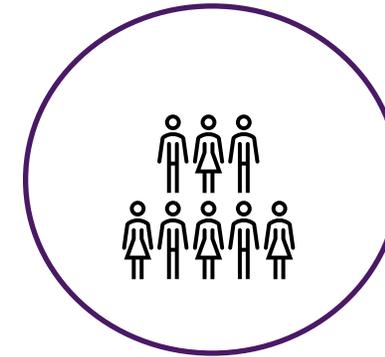
**330 Buildings**



OPW/SEAI –  
**Reduce Your Use**  
**MANDATORY**

Monthly themed  
campaign

**350 Organisations**  
**12,000 Buildings**

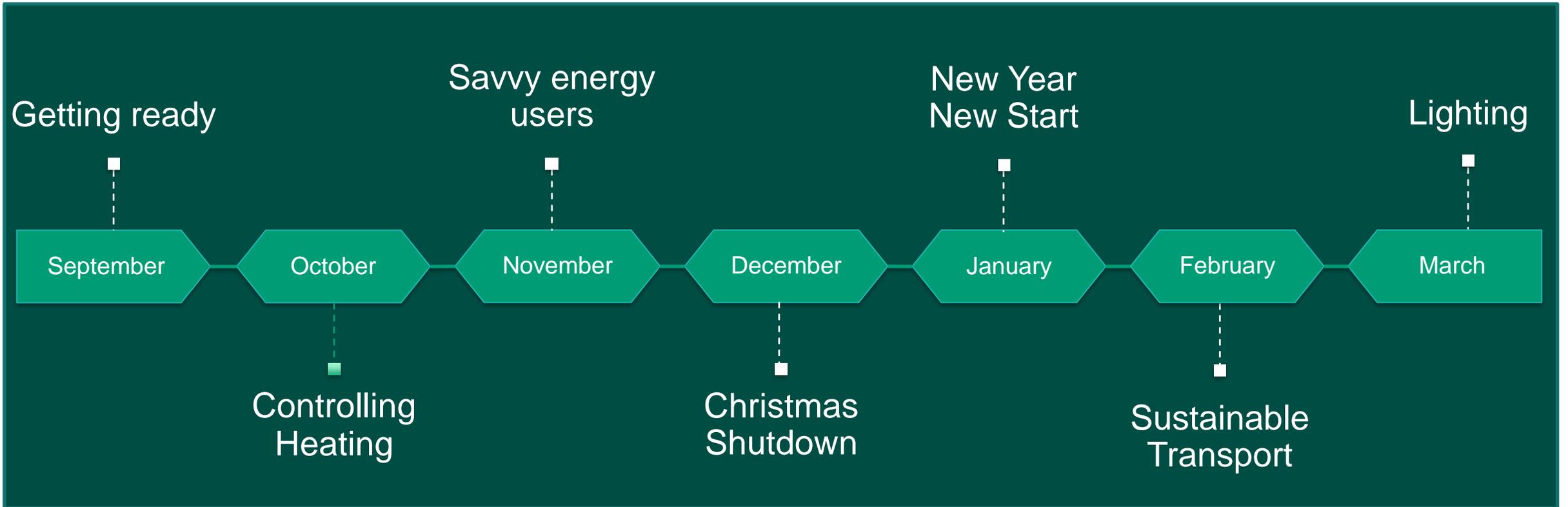


SEAI  
Advanced Engaging  
People  
**Accelerator**

Deeper dive

Up to 20 committed  
**organisations**

# Reduce Your Use Energy staff awareness campaign



# Three points of contact each week

## Monday Message

- Introduce this week's topic
- Invitation to the webinar
- Energy exercise of the week
- Other items, competitions, etc.

- Draft text and graphics provided
- Posters – digital
- Extension activities

## Wednesday Webinar

- 10 minutes on the topic
- 30 minutes Drop-in clinic

- No action required
- Links and joining instructions go straight to staff that sign-up

## Weekend Wisdom

- Take home message
- Link to webinar recording
- Further information
- Links to grants or support

- Draft text and graphics provided

# Supported by:

- External speakers for webinars
- An online “community of practice” (Energy Link)
- Energy team support and clinics
  - Setting up an energy team and getting support for campaign
  - Energy team webinars eg energy billing, Out of hours checks
  - Audit guidance
- Additional staff engagement activities – “Extension activity packs”
  - Out of hours walkarounds
  - Feeding back savings to staff
  - Holiday shutdown resources
  - Children’s art competition
  - Step Up day energy efficiency event



# Evaluation of outcomes

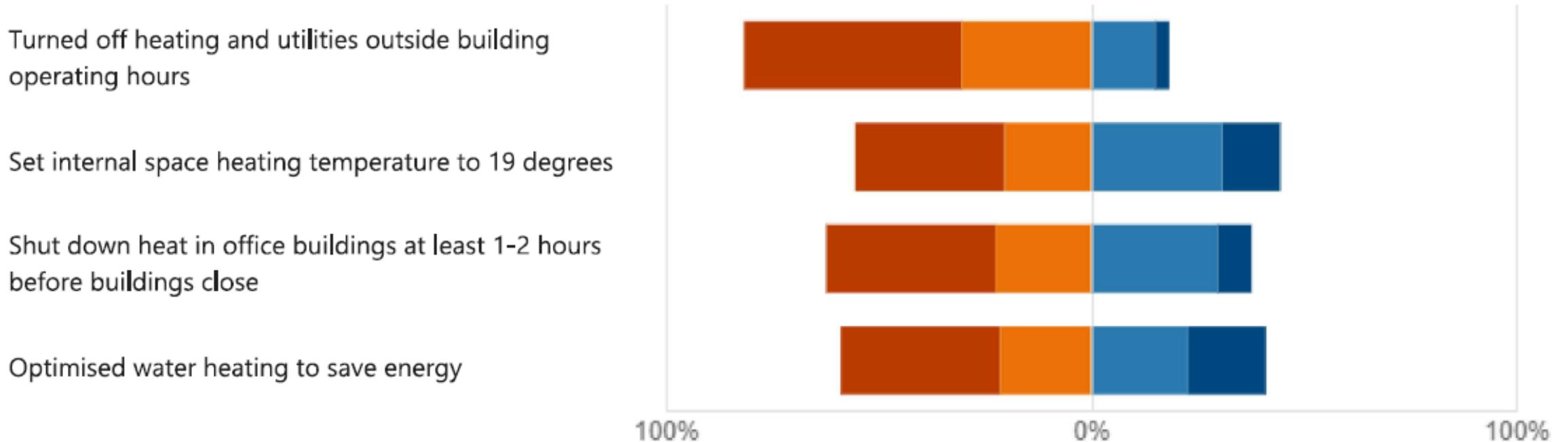
- Currently underway
  - Self reported savings and actions taken, from surveys of senior managers responsible for energy (EPOs)
  - Sample of central government buildings with detailed metering
  - Annual Public Sector Monitoring and Reporting
  - Engagement metrics from the energy awareness campaign
  - Staff surveys relating to energy efficiency behaviour

# Some examples of savings achieved

- Department of Energy, Climate and Communications
  - 32% saving over 4 months (Oct to Jan) compared with baseline of 2019
  - Largely driven by reducing gas use in HQ through:
    - Reduction in operating hours;
    - Christmas shutdown; and
    - Ongoing monitoring of Building MS
- Fingal County Council
  - 19% saving in 2022
    - Staff engagement by Energy Team
    - reduced temperatures, improved controls, reduction of space occupied
    - Out of hours walk throughs in most buildings
    - Operation & Maintenance audit of most buildings
- SEAI
  - 30% reduction from Jan 2023 in head office
    - Changed lighting control settings
    - Reduced temperature and altered 'dead band' settings

# Survey of energy performance officers – heating actions

■ Yes - all buildings   ■ Yes - most buildings   ■ Yes - some buildings   ■ None

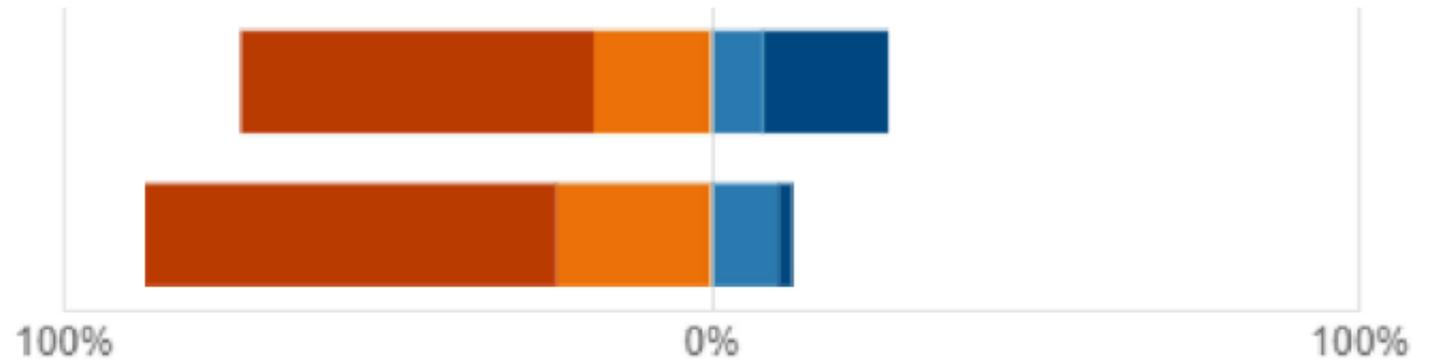


# Survey of energy performance officers – lighting actions

■ Yes - all buildings   ■ Yes - most buildings   ■ Yes - some buildings   ■ No

Turned off display lighting/window/feature display lighting between 5 and 7 pm every day

Reduced unnecessary use of lighting



# Survey of energy performance officers – space and time optimisation

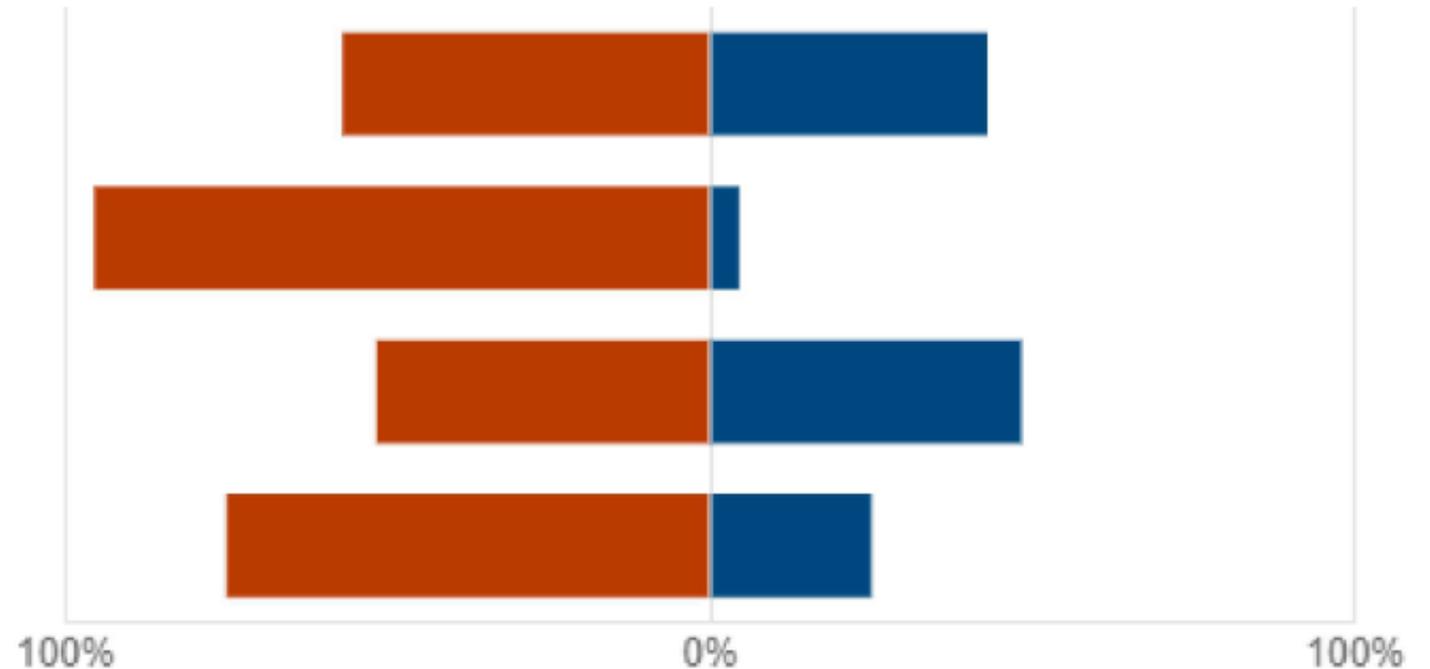
■ Yes ■ No

With a reduction in occupancy, minimised the space occupied and heated

Ensured that operational control is appropriate to hours of work and delivery of public services

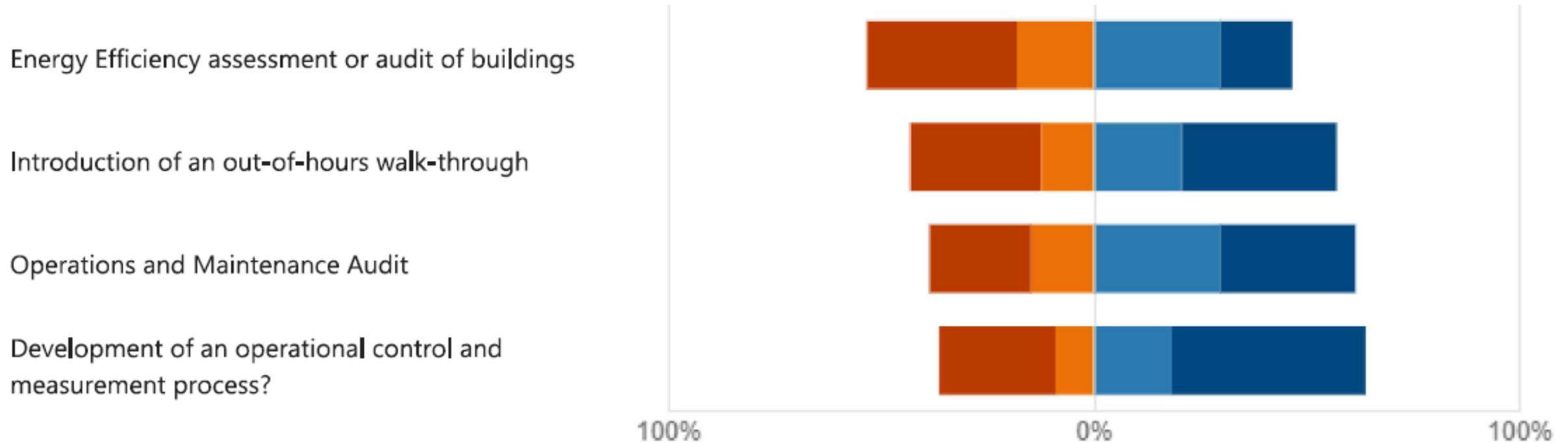
Challenged the core and extended hours

Reduced electricity use at peak times (5 pm-7pm)



# Survey of energy performance officers – auditing and operational control

■ All buildings ■ Most buildings ■ Some buildings ■ None



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