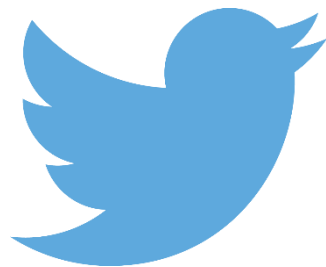


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**Public Service Excellence**

# Annual Seminar

- 23/24 March
- Blackpool

## APSE Highways, Street Lighting and Winter Maintenance Seminar 2023



**23 – 24 March 2023**

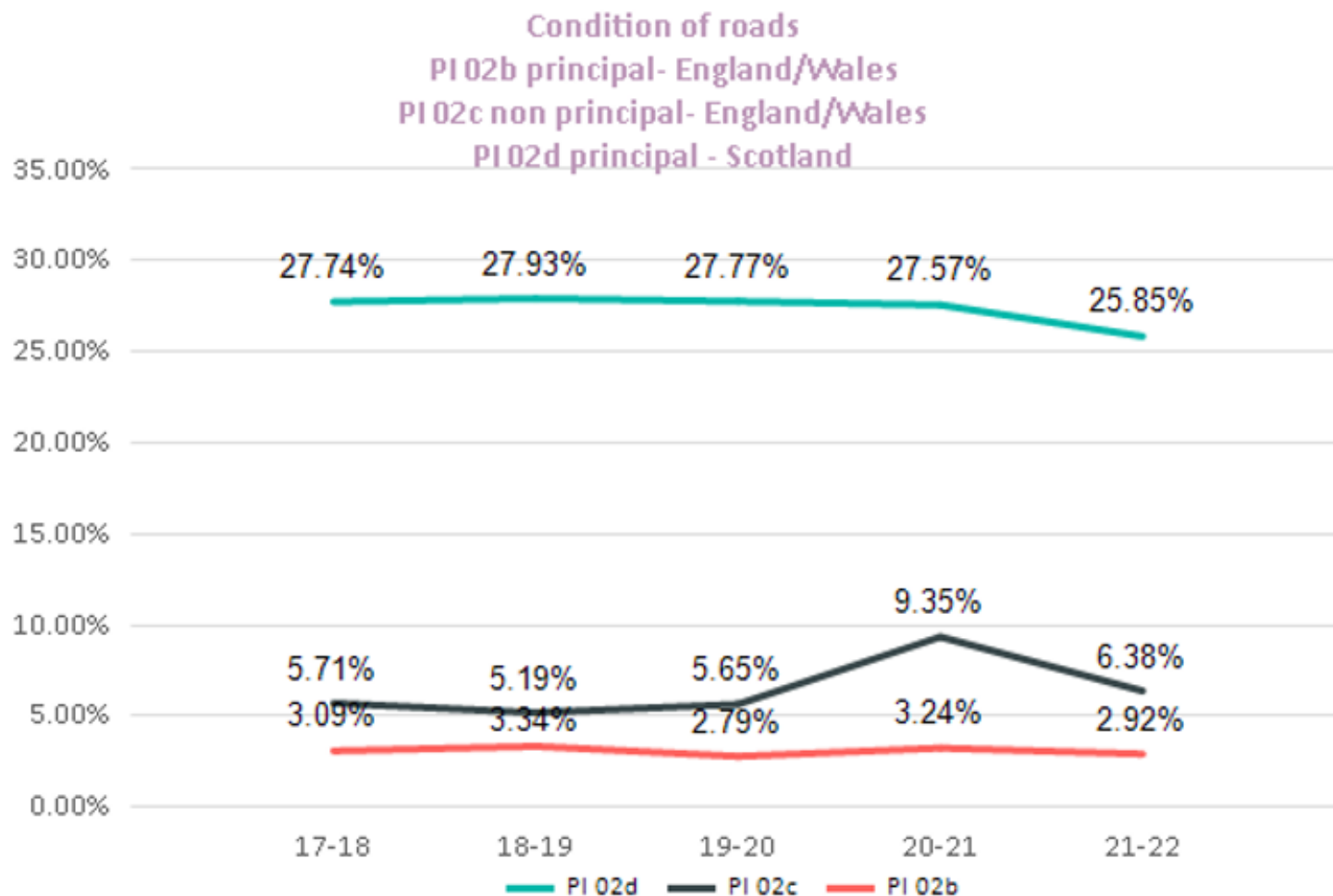
Village Hotel Blackpool, FY3 8LL

# **State of the Highways and Street Lighting Market**

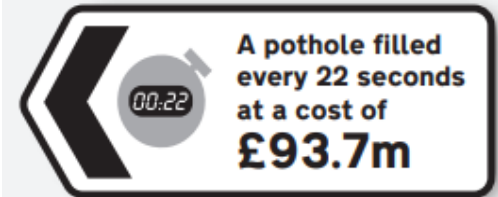
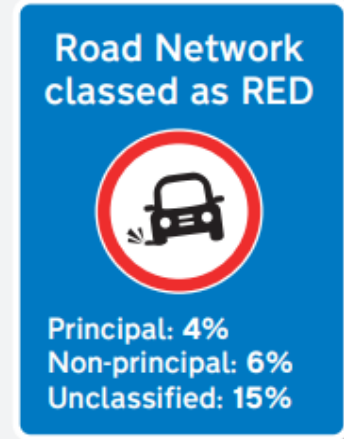
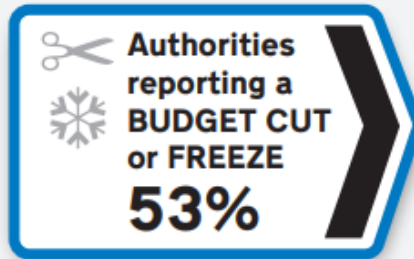
**Rob Bailey, APSE principal advisor**

# Budgets





# ALARM 2022/23

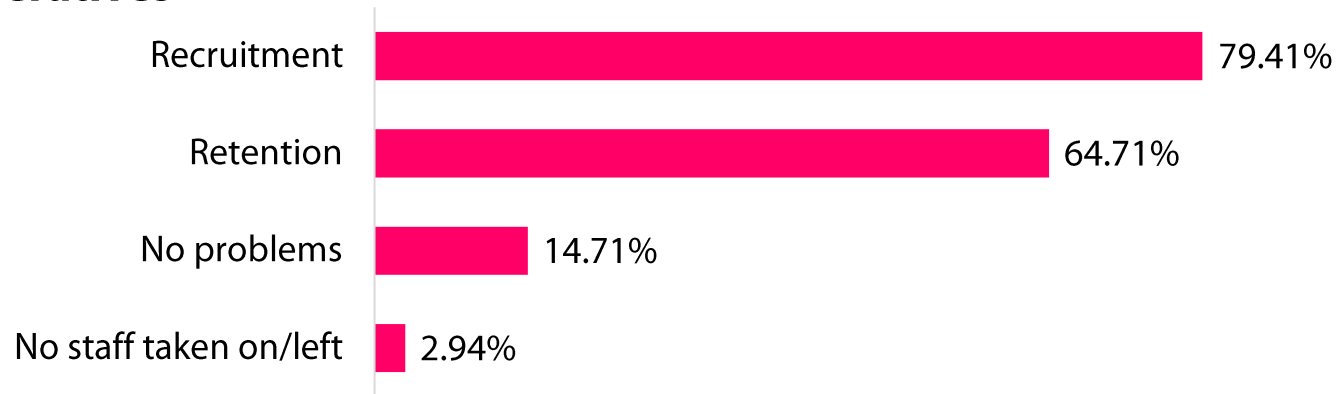


# Staffing

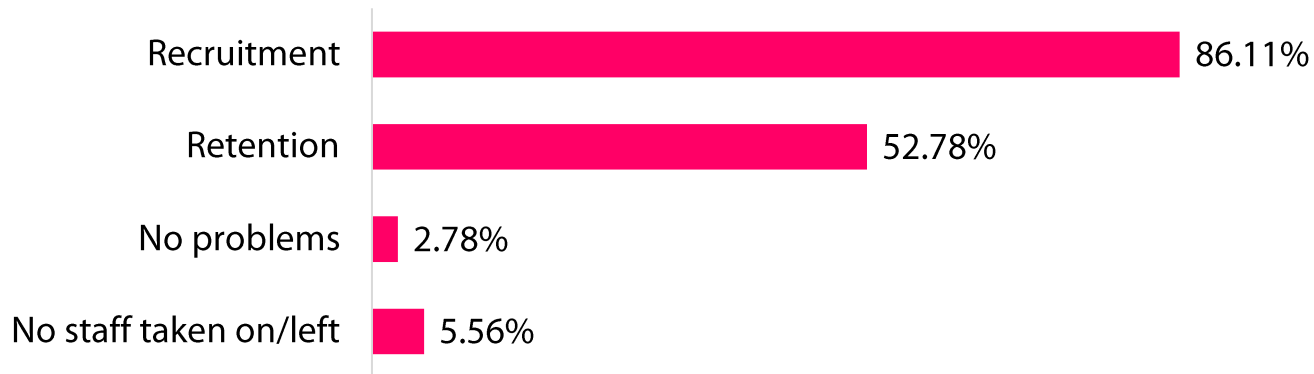


## Where have you had difficulty recruiting or retaining staff (over the past 12 months)?

### Operatives



### Technical/managerial staff





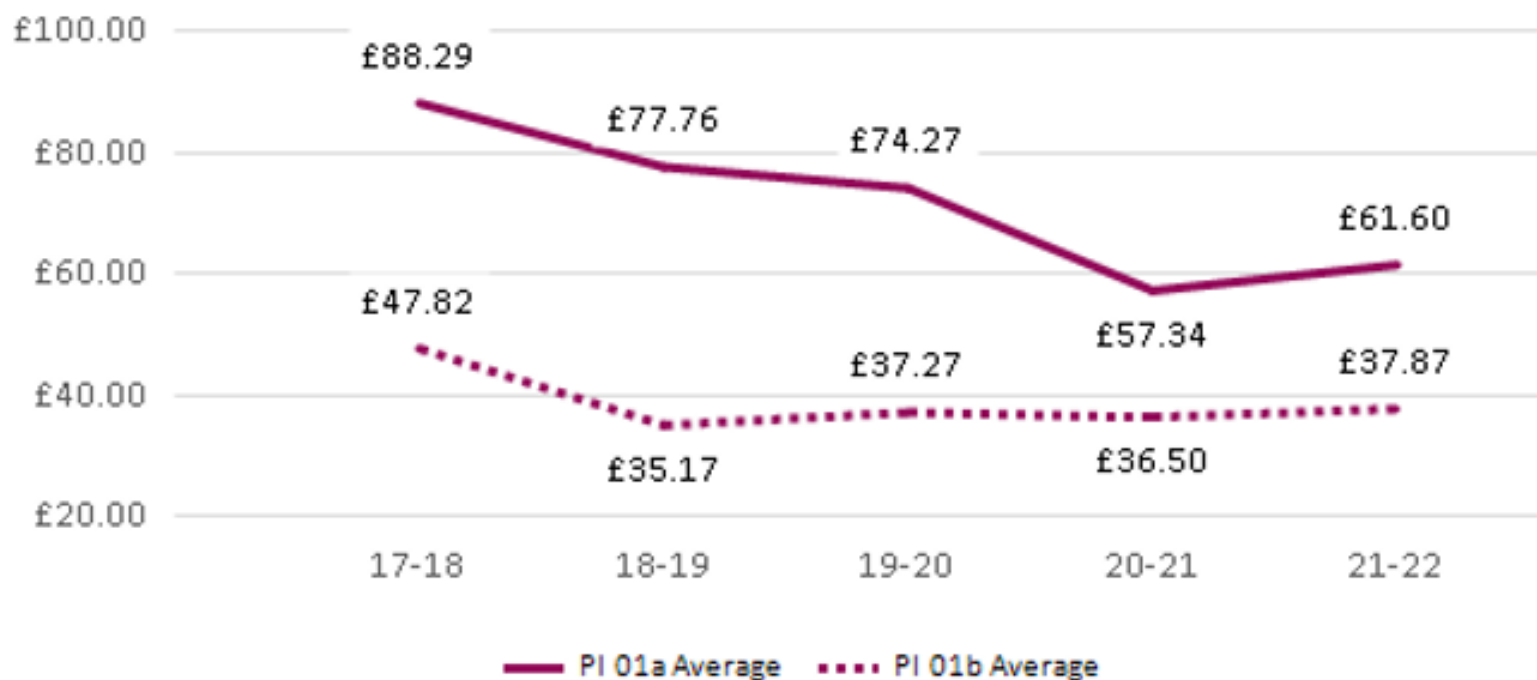
## What is the average age of your highways maintenance operational staff?



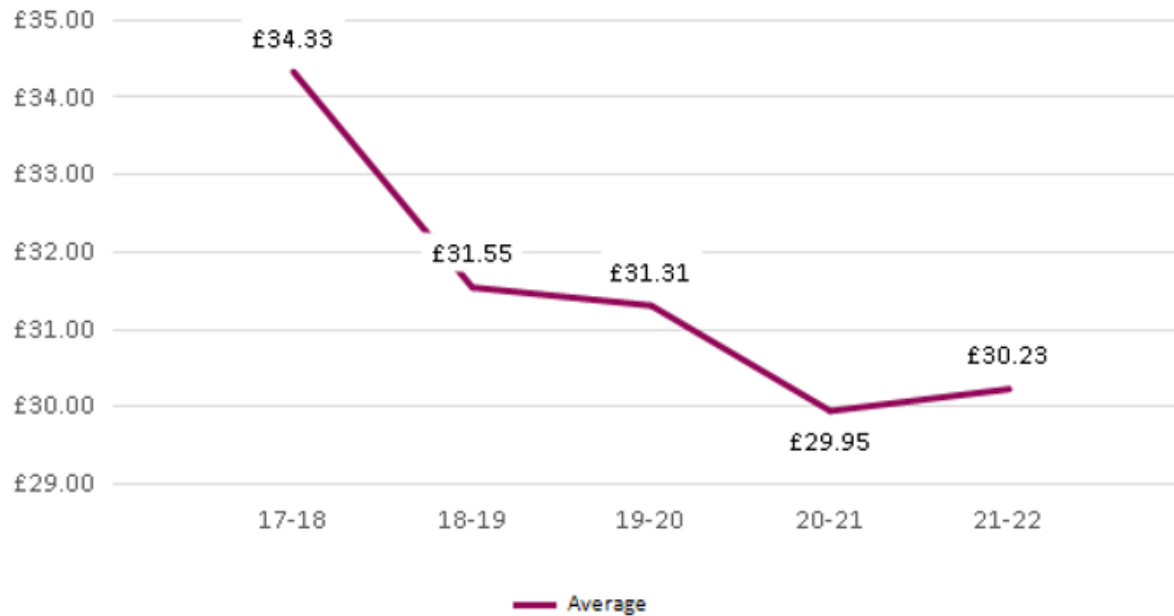
# Materials



PI 01a Average cost of maintaining a street light  
PI 01b Average cost maintaining a light (excluding bulk replacement)



PI 06b Energy cost per street lamp and illuminated sign



**2022 onwards .... Energy Cost Increase even with increase in LEDs ?**

# Carbon reduction



# Technological Evolution



# Smart Motorways





## Where do you see areas where work may decrease over the next 12 months?

<ul style="list-style-type: none"><li>• LED replacement</li></ul>	<ul style="list-style-type: none"><li>• Commercial activity</li></ul>
<ul style="list-style-type: none"><li>• Reactive defect repairs</li></ul>	<ul style="list-style-type: none"><li>• Cyclic gully cleansing</li></ul>
<ul style="list-style-type: none"><li>• Carriageway surfacing</li></ul>	<ul style="list-style-type: none"><li>• Schemes in general due to increased costs for fuel and materials</li></ul>
<ul style="list-style-type: none"><li>• Works due to reductions in capital maintenance funding</li></ul>	<ul style="list-style-type: none"><li>• Schemes in general due to the lack of available contractors</li></ul>
<ul style="list-style-type: none"><li>• New road construction</li></ul>	<ul style="list-style-type: none"><li>• Surface treatments</li></ul>





## Where do you see growth areas for the service over the next 12 months

<ul style="list-style-type: none"><li>• Ash dieback</li></ul>	<ul style="list-style-type: none"><li>• Severe weather</li></ul>
<ul style="list-style-type: none"><li>• EV charging</li></ul>	<ul style="list-style-type: none"><li>• Improvement schemes</li></ul>
<ul style="list-style-type: none"><li>• Carbon reduction</li></ul>	<ul style="list-style-type: none"><li>• Work for external developers</li></ul>
<ul style="list-style-type: none"><li>• Drainage technology</li></ul>	<ul style="list-style-type: none"><li>• Reactive maintenance</li></ul>
<ul style="list-style-type: none"><li>• Flood management</li></ul>	<ul style="list-style-type: none"><li>• Gully cleansing</li></ul>
<ul style="list-style-type: none"><li>• Active travel</li></ul>	<ul style="list-style-type: none"><li>• Sustainability issues</li></ul>
<ul style="list-style-type: none"><li>• Recruitment and retention activities</li></ul>	<ul style="list-style-type: none"><li>• Street works</li></ul>
<ul style="list-style-type: none"><li>• Investment in road repairs technologies</li></ul>	<ul style="list-style-type: none"><li>• Longer-term wider ventures</li></ul>

## Where do you see growth areas for the street lighting service over the next 12 months?

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>• Use of street lighting for 5G</li></ul>                        | <ul style="list-style-type: none"><li>• Column replacements</li></ul>                               |
| <ul style="list-style-type: none"><li>• Use of street lighting for electric vehicle charging</li></ul> | <ul style="list-style-type: none"><li>• Hiring charges for third party fixture to columns</li></ul> |
| <ul style="list-style-type: none"><li>• Underground cable replacements</li></ul>                       | <ul style="list-style-type: none"><li>• Adoption of new developments</li></ul>                      |
| <ul style="list-style-type: none"><li>• LED renewals</li></ul>   | <ul style="list-style-type: none"><li>• Public realm lighting</li></ul>                             |
| <ul style="list-style-type: none"><li>• Taking design work in-house</li></ul>                          | <ul style="list-style-type: none"><li>• Renewing structurally failed columns</li></ul>              |

# **NEW MUNICIPALISM**

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