ATU Annual Dissemination Event

Condition Assessment
feather : peacock :: scale :

A. carp
B. bass
C. dolphin
D. whale
Samurai : Japan :: Knight :

A. England
B. United States
C. France
D. Jamaica

88%
1. From your perspective, do you have confidence that the technologies currently used will accurately locate buried assets?

A. Yes
B. Nearly always
C. Occasionally
D. Never

Yes: 69%
Nearly always: 24%
Occasionally: 7%
Never: 0%
2. From your perspective, is asset condition routinely assessed?

A. Yes
B. Nearly always
C. Occasionally
D. Never

- Yes: 73%
- Nearly always: 18%
- Occasionally: 7%
- Never: 2%
3. From your perspective, would you expect asset owners to be alerted to incipient failure?

A. Yes
B. Nearly always
C. Occasionally
D. Never

[Graph showing percentages: Yes 33%, Nearly always 31%, Occasionally 22%, Never 13%]
4. From your perspective, do you consider there to be good asset management systems and digital asset data?

A. Yes
B. Nearly always
C. Occasionally
D. Never

- Yes: 9%
- Nearly always: 4%
- Occasionally: 76%
- Never: 11%
5. From your perspective, what is the most important outcome from using a Streetworks Decision Support System? (only rank 1st, 2nd & 3rd)

A. Cheapest solution
B. Quickest solution
C. Solution that causes minimum disruption to service
D. Solution that causes minimum disruption to society
6. If a Decision Support System were available, would the constraints of daily work preclude its use?

A. Very likely to be used
B. Likely to be used
C. Unlikely to be used
D. Never used

![Bar chart showing the percentage of responses]

- Very likely to be used: 62%
- Likely to be used: 22%
- Unlikely to be used: 13%
- Never used: 2%
7. How would you prefer to interact with a Decision Support System?

A. Excel
B. Bespoke software
C. Geographical Information system
D. Web mapping system

Excel: 18%
Bespoke software: 24%
Geographical Information system: 24%
Web mapping system: 33%
8. Who should define the questions in a DSS? Rank in order of importance. (only rank 1st, 2nd & 3rd)

A. ATU Team on the basis of their research
B. Asset owners
C. Contractors
D. Customers
E. Shareholders

- ATU Team on the basis of... 35%
- Asset owners 24%
- Contractors 22%
- Customers 14%
- Shareholders 5%
9. Do you think a DSS, if it met the various stakeholder requirements, would lead to the adoption of alternative installation or renewal methodologies, e.g. trenchless?

A. Yes
B. No, because the client would not allow
C. No, because the regulator would not allow
D. No, because the least direct cost option would always dominate

51% Yes
42% No, because the client would not allow
4% No, because the regulator would not allow
2% No, because the least direct cost option would always dominate
Performance Expectations
1. From your perspective, what **expectation** would you have of service delivery?

A. Zero service disruptions
B. Emergency outages only
C. Planned outages
D. Occasional periodic loss of supply

![Bar chart showing percentages]

- Zero service disruptions: 18%
- Emergency outages only: 25%
- Planned outages: 43%
- Occasional periodic loss of supply: 14%
2. From your perspective, what **experience** do you have of service delivery?

A. Zero service disruptions
B. Emergency outages only
C. Planned outages
D. Occasional periodic loss of supply

---

**Chart:**
- 57% for Zero service disruptions
- 20% for Emergency outages only
- 18% for Planned outages
- 5% for Occasional periodic loss of supply
3. From your perspective, what is your **expectation** of the minimum knowledge on the asset condition?

A. All levels of deterioration
B. Significant deterioration
C. Severe deterioration
D. Point of incipient failure

[Bar chart showing percentages for each option: All levels of deterioration (7%), Significant deterioration (55%), Severe deterioration (25%), Point of incipient failure (14%)]
4. What professional **expectation** would you have of an asset owner being alerted to third party operations?

A. Any works in the general vicinity
B. Planned works that come close to the asset
C. Emergency works that come close to the asset
D. Only where it is thought that the asset will be physically affected
5. What is your **experience** of being alerted to third party operations?

A. Any works in the general vicinity
B. Planned works that come close to the asset
C. Emergency works that come close to the asset
D. Only where it is thought that the asset will be physically affected

![Survey Results Graph]

- Any works in the general vicinity: 78%
- Planned works that come close: 10%
- Emergency works: 7%
- Only where asset will be physically affected: 5%
6. What is your *minimum expectation* of knowledge on possible third party damage?

A. Surface disturbance in the vicinity of the asset

B. Ground disturbance in the vicinity of the asset

C. Asset exposure

D. Asset evidently disturbed (moved, scraped, impacted)
7. If you were a regulator, what would be your minimum expectation of knowledge on possible third party damage?

A. Surface disturbance in the vicinity of the asset
B. Ground disturbance in the vicinity of the asset
C. Asset exposure
D. Asset evidently disturbed (moved, scraped, impacted)
8. Roads are typically disrupted during streetworks involving buried infrastructure. What is a **realistic expectation** regarding action taken to minimise disruption?

A. Use of trenchless technologies only
B. Use of minimum dig technologies
C. Night working only
D. Trenching whenever needed (i.e. none)

11% 16% 16% 57%
9. Roads are typically disrupted during streetworks involving buried infrastructure. What is your experience of action taken to minimise disruption?

A. Use of trenchless technologies only
B. Use of minimum dig technologies
C. Night working only
D. Trenching whenever needed (i.e. none)