















Clearview Traffic - the guiding force behind two great brands



The award winning market innovator for intelligent road studs



A comprehensive range of intuitive, cost effective and sustainable traffic data management solutions









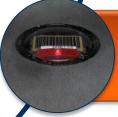
Innovative, smart, safe & sustainable casualty reduction solutions



Over 100,000 Astucia Solarlite flush studs installed worldwide SolarLite LED road studs offer up to 10 times greater visibility



Proven to reduce night time accidents by more than 70% TRL study demonstrated LED studs improve driver behaviour



Inventors of the solar road stud
Only solar powered road stud with UK DfT type approval and
meeting the new European standards







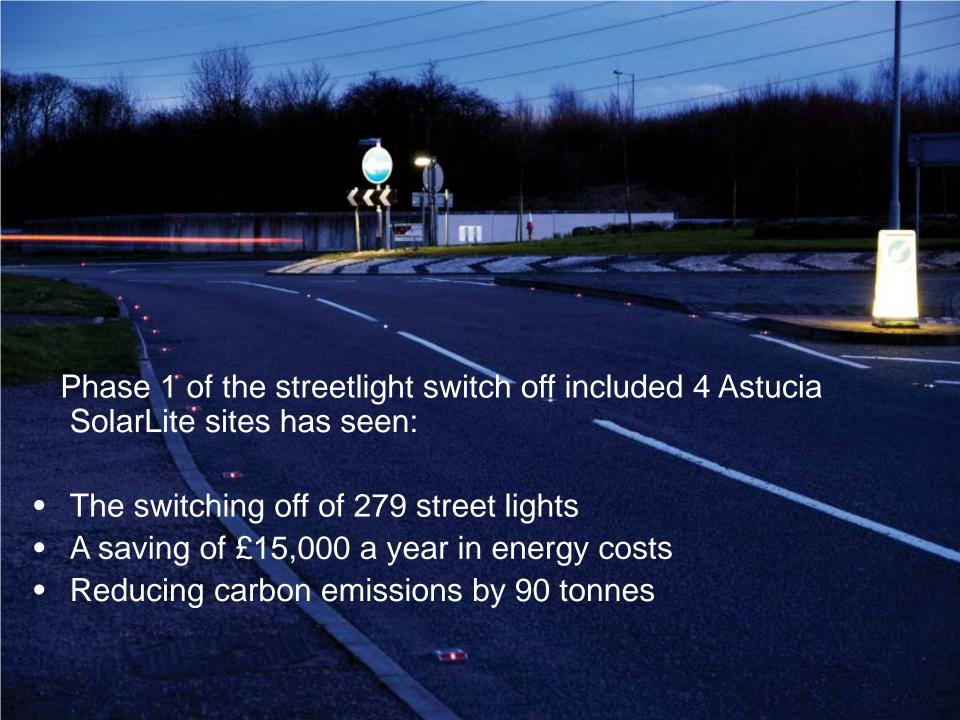
STREETLIGHT SWITCH OFF - BUCKINGHAMSHIRE CC













A4128 High Wycombe

- Original road safety scheme and now a street light switch off location
- The most "improved road" in Britain in 2011 EuroRap report of road safety in the UK.
- Winner of "Road Marking project of the Year Award" at 2011 Highways Excellence Awards.

Monitoring Criteria

Incident Data

- Collision records for injury collisions
- Other police records e.g. Crime & Disorder issues

Inspections

- Inspections of signing, lining, road studs and foliage by Local Area Technicians
- Stage 3 (completion of scheme) safety audit

Feedback

- Community, equality and other feedback positive and negative
- Change in people's perception in the dark / night at each site







Results - Buckinghamshire CC

- Generally no increase in night time accidents / incidents recorded
- Coincidently daytime accident rate also fell as site some additional safety measures have daytime benefits too
- Only six sites have had the lights switched back on after trial period due to local feedback
- All other sites now permanently switch off
- Buckinghamshire County Council are yet to report on the actual energy usage comparisons







ASTUCIA SOLARLITE ROAD SCHEMES







5 Compelling advantages

Smart

- Highlights road hazards without relying on headlight illumination
- Automatically illuminate between dusk and dawn

Safe

- 10x better visibility for drivers than traditional reflective studs
- Visible even in adverse weather

Sustainable

- Rechargeable using free solar energy
- Low carbon footprint

Cost Effective

- 3 to 4 times longer lifetime than traditional passive studs
- Lower whole life cost and rapid ROI

Proven

- Demonstrable reduction in night-time accidents of up to 72%
- Award wining road safety schemes





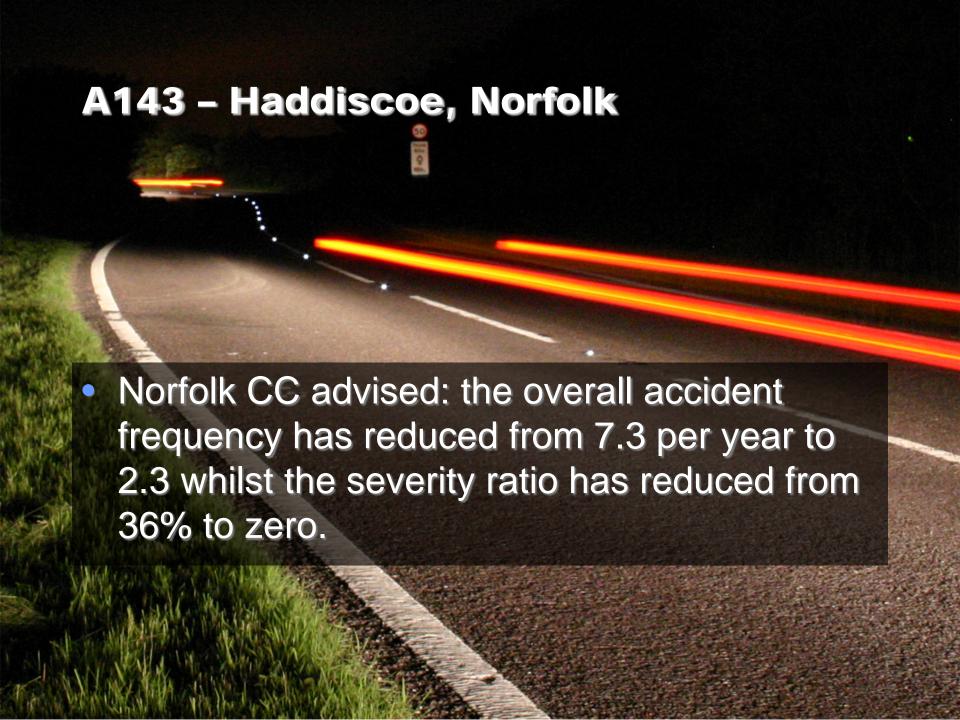




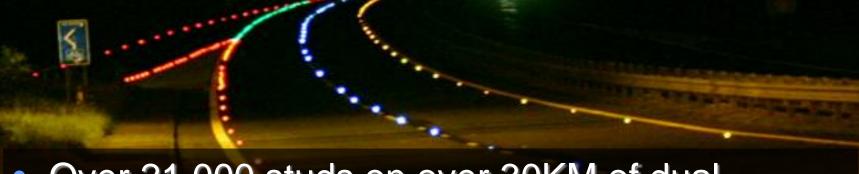
- A combination of Hardwired and Solar Road studs with VAS signs
- Hardwired studs & VAS trigger on speeding motorist
- Winner of "Road Safety Project of the Year Award" at 2012 Highways Excellence Awards.

A4226 - Barry, South Wales

- 72% reduction in night time accidents reported by Vale of Glamorgan Council since installation, compared with previous 3 years
- Winner of "Road Marking project of the Year Award" at 2008 Highways Excellence Awards.



A2 & A20 - Kent



- Over 21,000 studs on over 30KM of dual carriageway
- Both stretches of dual carriageway are prone to suffering from fog and mist



M40 J3-4 & J5-6

- M40 between Junctions 3-4 and 5-6 suffered from high incident rate. No Street lighting for these sections
- passes through Area of Outstanding Natural Beauty therefore no street lighting



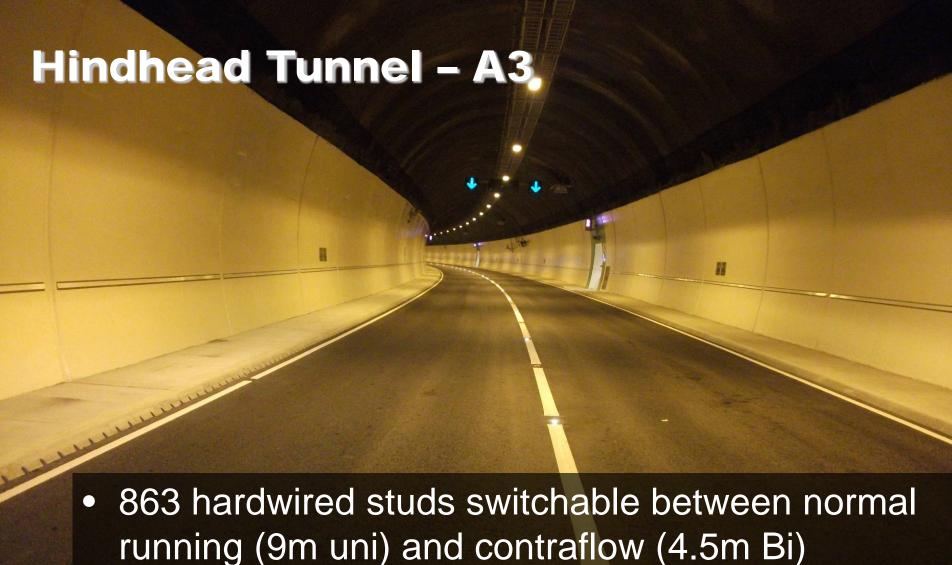
- A 3 mile Stretch of Rural single carriageway
 'A' road to the SW of Edinburgh
 - A mix of tight S bends, bends and hidden dips



Other Northern Schemes

North West, we have flush stud installations at the following:

Wigan CC - Meadow Pit Lane (Poor visibility made good with flush studs) 4 x schemes in total with accident stats issues bi-annually showing radical reduction Manchester City Council – Wilmslow Road – Flush stud delineation between bus lane and cycle lane to aid cyclists (850 studs employed) Kirklees MBC – 4 x major schemes on A'roads. Major scheme near National Mining Museum to Sandal reducing speeds, with dramatic results



conditions.

Summary

- Meeting accident reduction targets
 - 70% reduction in night time KSI's
- A visible and newsworthy part of an overall casualty reduction program for a local or regional authority.
- A sustainable alternative safety measure for street light reduction in relevant situations.
- Provide a very much lower environmental audit score with less CO2 being produced as well as being less costly than traditional streetlights.







Award winning pedigree



2004
Prince Michael
International Road
Safety Award



2008
Highways Excellence
Award for Road
Marking Project
of the Year



2010The Sunday Times
Green Award



2010
Carmen's
Royal Logistics Corp
Safety Award



2011
Highways Excellence
Award for Road
Marking Project
of the Year



2012
Highways Excellence
Award for Road Safety
Scheme/Project
of the Year















