



Achieve more value from
challenging maintenance budgets



The Urban Solution



The Rural Solution

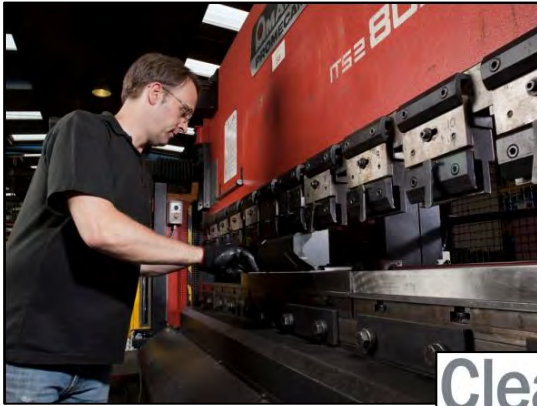


The Civil Solution

*Delivering cheaper urban and rural alternatives
to traditional repair methods*



The Engineering behind the Nu-phalt Group



Clean ///
Burner
Systems

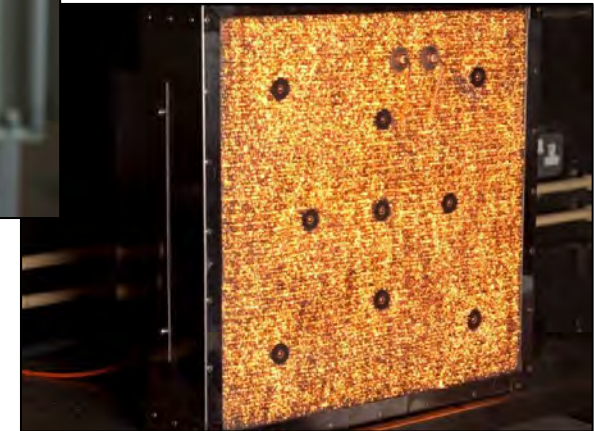
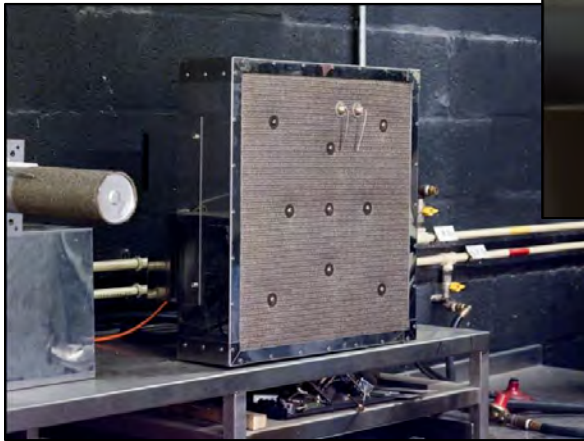
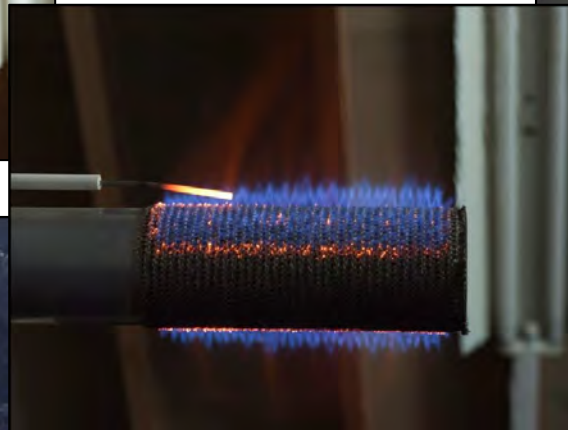
Clean ///
Burner
Systems



Over 20 years Engineering expertise in the industrial and domestic heater market



Nu-phalt's unique and innovative NIT technology heaters



Heater design has unparalleled control and efficiency



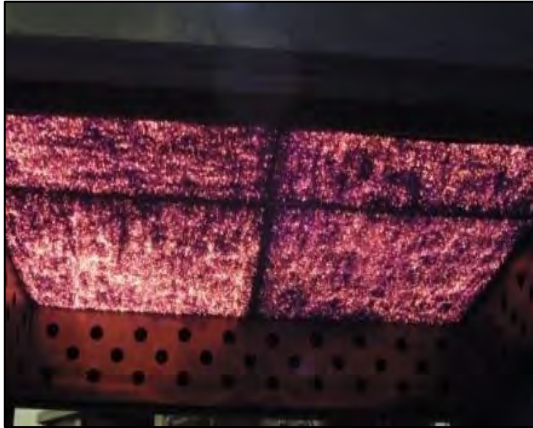
World 1st - Innovative heat technology combined with single vehicle solution



- Unique NIT technology delivers a pulsed heat cycle to penetrate wearing course
- System has been BBA HAPAS approved as permanent hot patch repair for 5 years
- New Code of Practice ratified by ADEPT
- Supports HMEP right first time philosophy
- Seamless joint negates future water ingress
- System acknowledged by HSE with H&S award for innovation
- 30 x Nu-phalt system in operation throughout the UK



Cheaper and more sustainable alternative to traditional repair methods



1. Pulsed Heat Cycles



2. Scarification



3. Rejuvenate



4. Add New Material



5. Check Temperature



6. Compaction

Delivering right first time, high quality, permanent, hot patch, seamless joint repairs



Reactive Maintenance / Cat 1 Defects

Planned Defects

Potholes

Joint Failures

Metal work

Utility tracks

Cracks & Crazing

Consequential Damage

Crowning / Depression in Carriageway

Footpaths



System capable of repairing a wide range of defects



Completed patch



Close up of mechanical interlock

Thermal technology creates a strong seamless bond which negates future water ingress



- **No** jack hammering or saw cutting
- **No** breaking out (minimum vibration exposure)
- **No** manual handling risks
- **No** excavation or waste
- **No** dust or excessive noise
- **No** multiple vehicles
- **No** landfill, recycled in situ
- **No** edges, seamless joint with existing material

Best New Product
2008 Winner

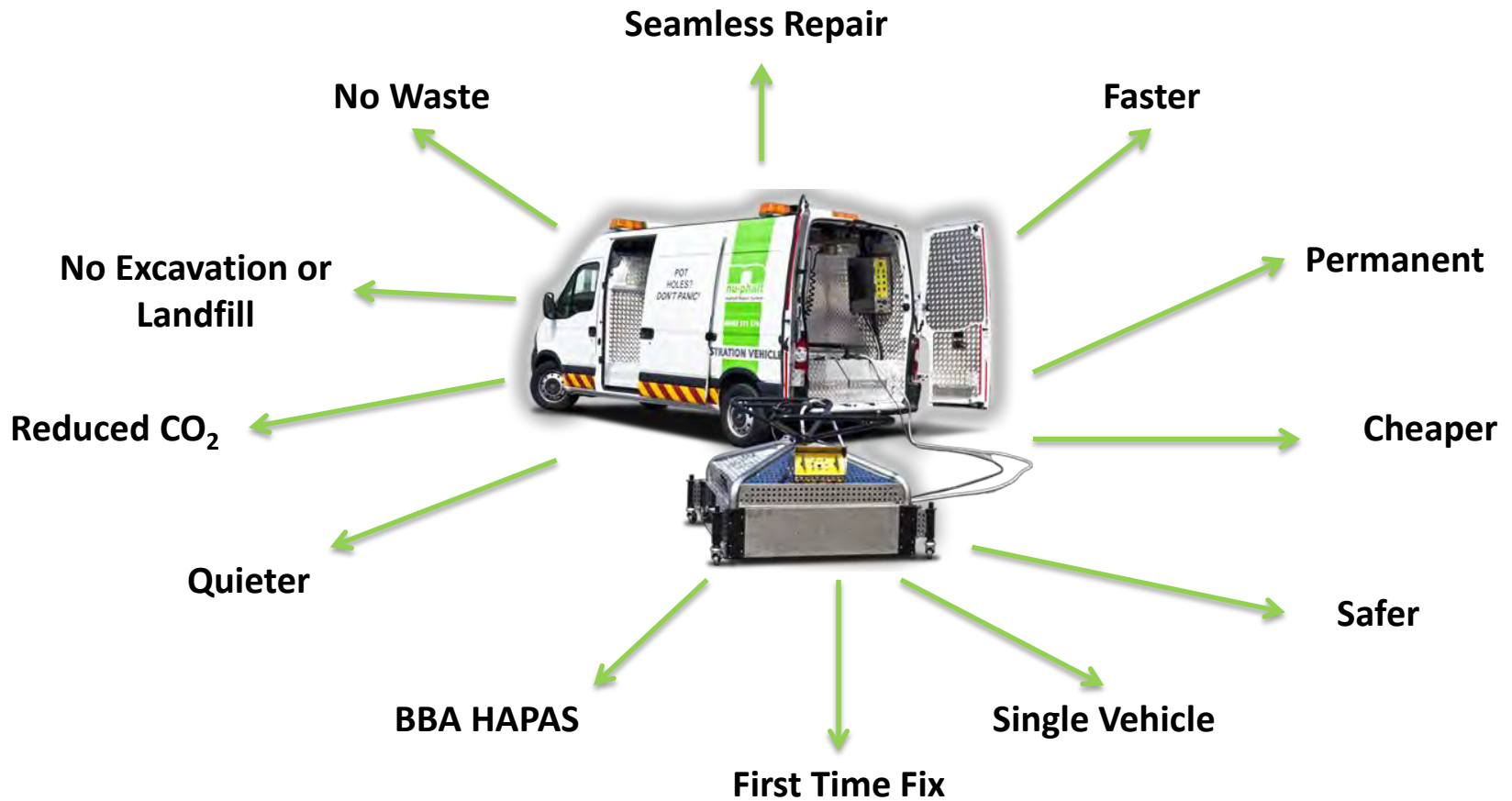


Best Environment Process
2008 Winner



Fife Council
Green Business Award
Innovation 2009

*Delivering a COMPLETE RECOVERY with NO WASTE, NO LANDFILL
everything RECYCLED on site = cost savings!*



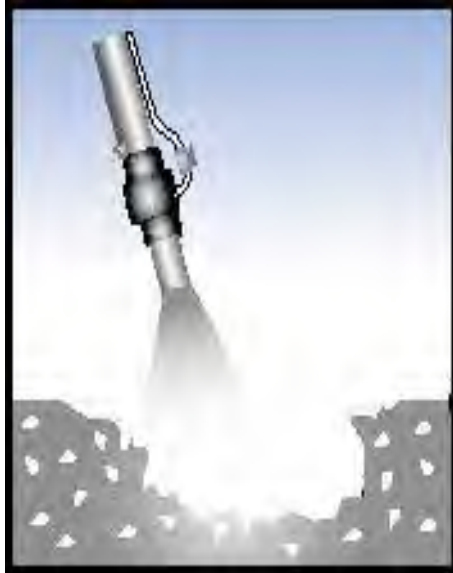
A cheaper, quicker and more sustainable alternative to traditional repair!



Jetpatcher - The Rural Solution



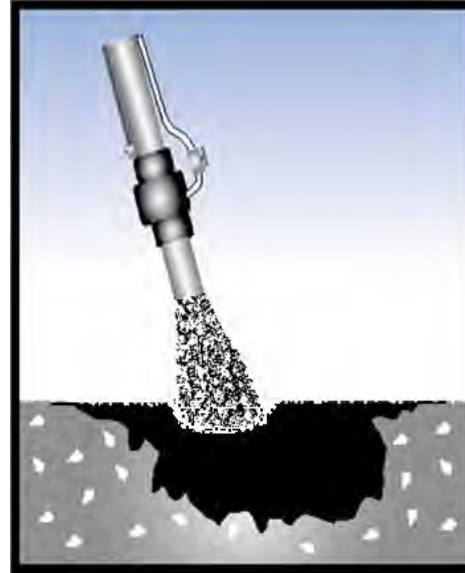
Original design with over 25 years build experience



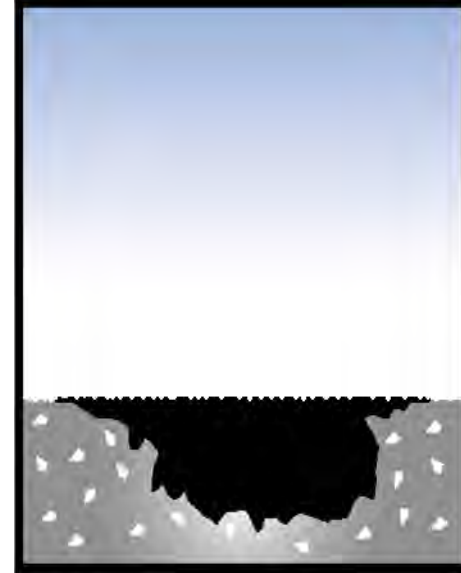
1. Blow out Defect



2. Apply Tack Coat



3. Lay Material



4. Completed Repair

*Capable of delivering between 8 m³ and 10 m³ / day
outputs in rural environment*



- Rural Potholes
- Pre-surfacing dressing patching
- Cracking & Crazing
- Depressions & Deformation
- Edge Deterioration
- Haunch work
- Fretting
- Footways



Speed of response and productivity offers an immediate and cost effective solution



- Fully Compliant “External” CE certification.
- 600+ units sold throughout the world.
- 25 years international build experience.
- Cheaper than conventional repair methods.
- Fast and efficient.
- Sustainable solution.
- No waste, no landfill.
- New Code of Practice ratified by ADEPT



Meeting the needs of the rural network



Nu-phalt Contracting



Contracting portfolio includes

- Nu-phalt's unique thermal road repair solution
- Jetpatcher UK, Spray Injection Patching
- Civil Engineering



*National support facility with transparent reporting
to meet the individual needs of our customers*



Offering a wide range of civil engineering services

- Traditional tarmac repairs
- Raising Ironworks
- Concrete repairs
- Reinstating of white and yellow lining
- Reinstating of kerbs
- Block paving
- Highway construction (footway / carriageway)
- Installation of speed humps
- Drainage works



Nu-phalt manage all Enfield's highways maintenance requirements on behalf EM



Wide ranging portfolio delivers genuine cost savings and efficiencies



The Urban Solution



The Rural Solution



The Civil Solution

Nu-phalt, Helping you achieve more from your maintenance budgets