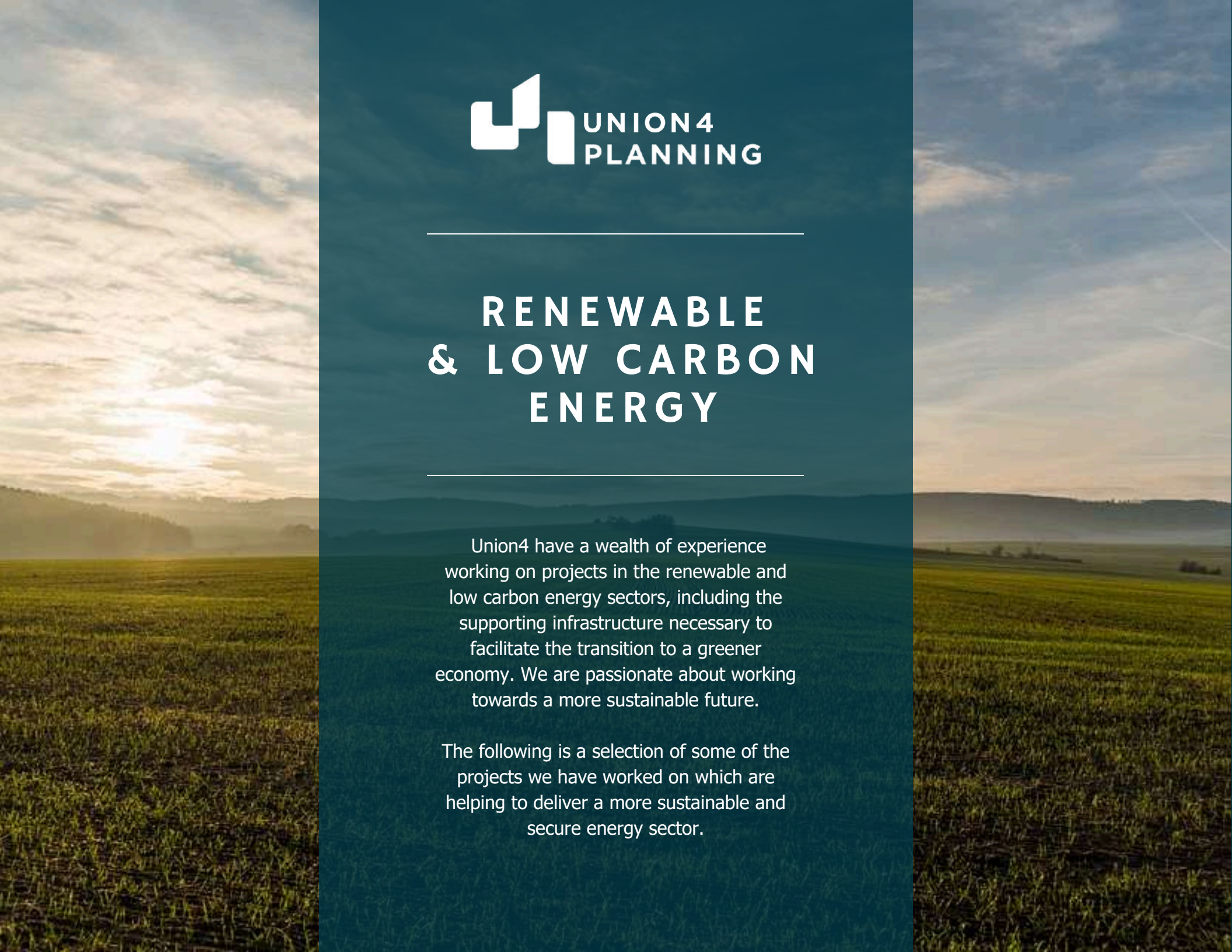


UNION4 PLANNING

RENEWABLE & LOW CARBON ENERGY

Union4 have a wealth of experience working on projects in the renewable and low carbon energy sectors, including the supporting infrastructure necessary to facilitate the transition to a greener economy. We are passionate about working towards a more sustainable future.

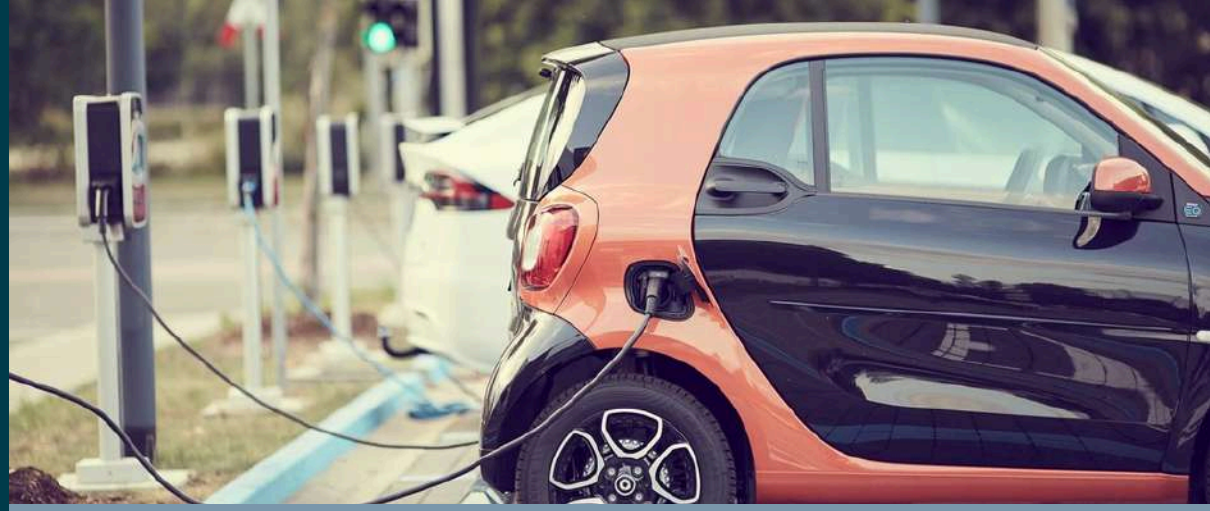
The following is a selection of some of the projects we have worked on which are helping to deliver a more sustainable and secure energy sector.

OUR PROJECTS

LAND AT HIXON'S LANE
ILKESTON, DERBYSHIRE
CLIENT: IBE HIXONS LIMITED

Our team is currently co-ordinating the planning process and Environmental Impact Assessment for the development of a solar energy farm on 32 hectares in the Green Belt in Derbyshire.

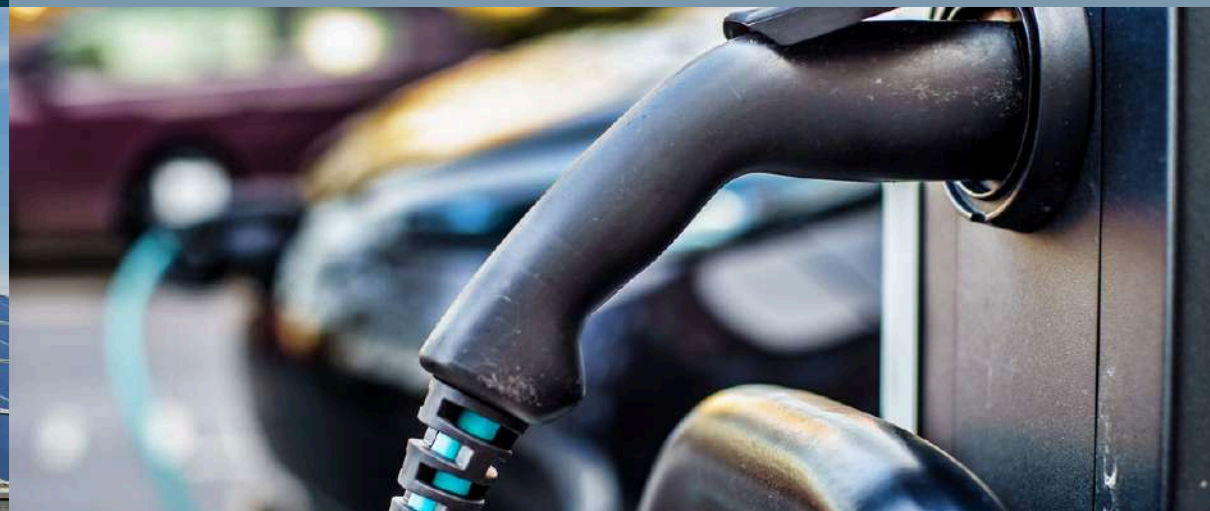
The solar energy farm will have a capacity of 20MWe and will provide sufficient electricity to over 6,000 homes and make annual carbon savings of over 4,000 tonnes.



EV CHARGING POINTS NATIONWIDE
MULTIPLE CLIENTS: UNDISCLOSED

Our team are providing planning strategy advice, feasibility reviews and planning application submissions for sites across the UK, as part of the national rollout of electric vehicle charging points.

We are working for an expanding number of high-profile EVCP providers on both EV charging and wider complementary amenities such as retail and drive thru facilities to improve site viability and offer added convenience for users. To date, we've worked on over 50 sites nationwide and have maintained a 100% success rate in securing planning consent for EV charging bay applications.



TRENT BESS FACILITY
NOTTINGHAMSHIRE
CLIENT: TRIBUS CLEAN ENERGY

Our team prepared and co-ordinated the submission of two parallel planning applications comprising a battery energy storage system (BESS) located on a parcel of land adjacent to Cottam Power Station in Nottinghamshire, together with the provision of a compensatory flood management area.

The BESS will provide a storage capacity of 500MWe. We were involved in the feasibility studies undertaken to identify an appropriate site and have project managed the planning applications, which has included extensive consultation and negotiations with Bassetlaw District Council, the Environment Agency, and other relevant stakeholders.

SOLAR FARM
HADLOW ESTATE, KENT
CLIENT: BRITISH SOLAR RENEWABLES

Our Team prepared and project managed the planning application for a solar farm with a generating capacity of 18MWe at Hadlow Estate near Five Oak Green in Kent. The site's location in the Green Belt required us to put forward 'very special circumstances'.

We also needed to present a robust case for the use of best and most versatile (BMV) agricultural land. The application also required consultation with Network Rail to demonstrate that the solar farm would not give rise to significant glint and glare impacts on the rail line to the immediate south of the site.

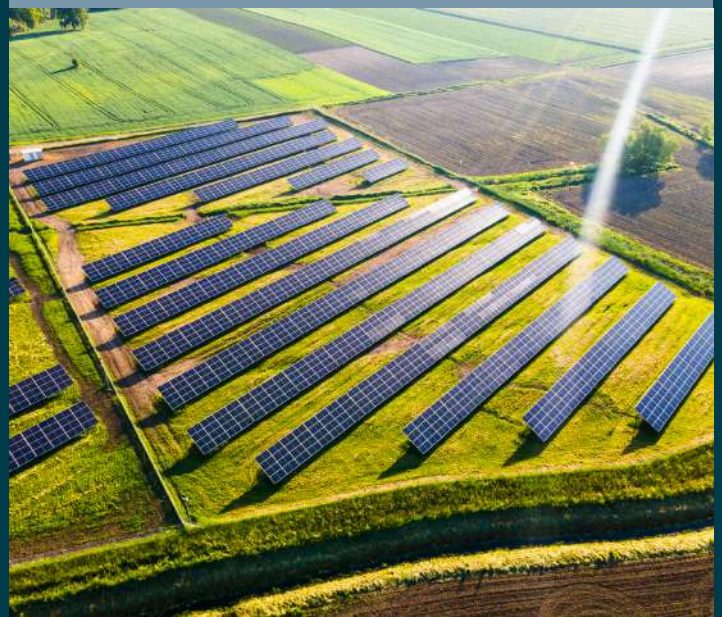


Image Source: Google

HALE FARM SOLAR
BOURNEMOUTH
CLIENT: DAMPNEY FAMILY TRUST

We also prepared and project managed the planning application for a solar farm with a generating capacity of 7MWe at Hale Farm near Bournemouth.

The site's location in the Green Belt required the submission of 'very special circumstances' to justify the development in accordance with national and local planning policies.

Image Source: BBC

IMERYS BRITISH LITHIUM CORNWALL

CLIENT: GREEN HORIZONS ENVIRONMENTAL CONSULTANTS

Union4 have been working closely with Imerys British Lithium and Green Horizons Ltd, providing planning and strategy advice on the development of the world's first fully integrated facility for the extraction of Lithium from old China Clay pits in Cornwall and the production of Lithium Carbonate through a patented, sustainable process.

Lithium is defined as a critical mineral and is essential to the development of sustainable industries to meet the challenge of 2030 and beyond. It underpins the move to zero carbon and is a key component in renewable energy systems and the transformation to electric mobility and the technologies needed to strengthen the UK supply chain. It is, therefore, a project of strategic national significance.

Images Source: Imerys British Lithium

BESS PROJECTS
WALPOLE ST ANDREW, NORFOLK
CLIENT: TRIBUS CLEAN ENERGY

Our team prepared and co-ordinated the planning applications for three separate battery energy storage system (BESS) installations near Walpole St Andrew in Norfolk. The three BESS installations will provide a combined total of almost 150MW of storage capacity, thereby providing important storage infrastructure for the National Grid.

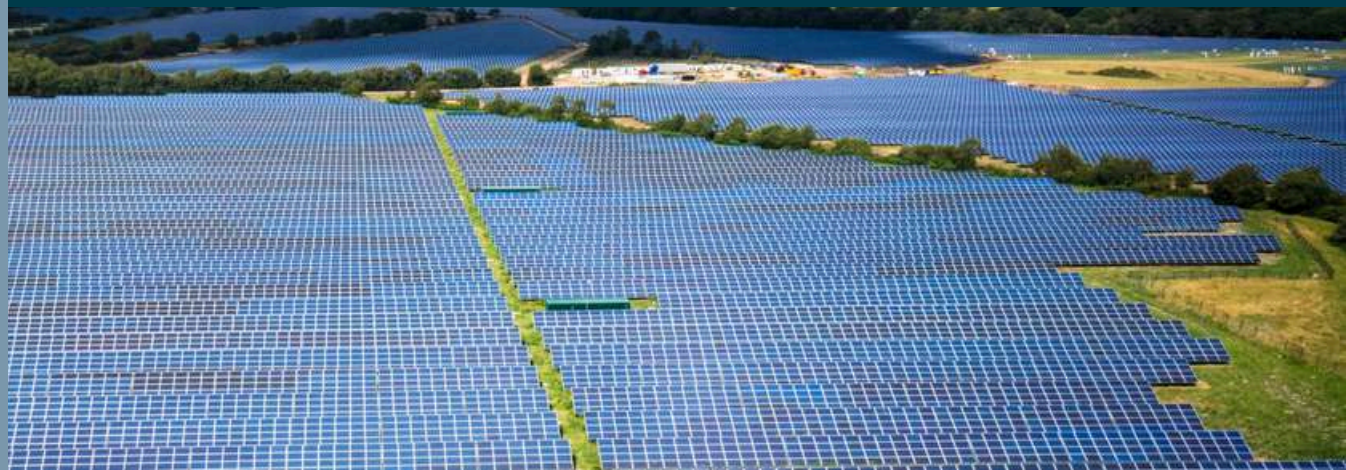
SOLAR FARMS PARLEY, DORSET
CLIENT: ECO SUSTAINABLE SOLUTIONS

Our team prepared and project managed the planning applications for three solar farms with a combined generating capacity of 60MWe at Parley in Christchurch, Dorset.

The solar farms are located on Green Belt land and in close proximity to ecologically designated sites of European and national importance, as well as being located close to existing archaeological and heritage assets.

The Council concluded that the development respects the wider site context and would not harm the character of the Green Belt.

Image Source: Eco Sustainable Solutions



ANAEROBIC DIGESTION
PIDDLEHINTON, DORSET
CLIENT: ECO SUSTAINABLE SOLUTIONS

Our team prepared and co-ordinated the planning application for a new Anaerobic Digestion (AD) Facility at the Eco Sustainable Solutions site at Bourne Park Industrial Estate near Piddlehinton in Dorset.

The AD Facility processes food waste to produce biomethane, a highly versatile renewable fuel, for exportation to the local gas network.

BIOMASS CHP, ANAEROBIC DIGESTION & ENERGY RECOVERY PARLEY, DORSET
CLIENT: ECO SUSTAINABLE SOLUTIONS

We secured planning permission for a Biomass Combined Heat and Power (CHP) Facility at the Eco Sustainable Solutions waste recycling and recovery facility in Parley near Christchurch. The CHP Facility was constructed in 2017 and processes biomass and waste wood to generate electricity for exportation to the local distribution network of the National Grid and heat which is used within the site.

We also secured planning permission for an Anaerobic Digestion (AD) Facility on the same site, which is due to be constructed in autumn 2024. The AD Facility will process food waste to produce biomethane for exportation to the local gas network.

More recently, we have prepared and co-ordinated a planning application and Environmental Impact Assessment for the development of a new Energy Recovery Facility (ERF) to process non-hazardous residual waste for the generation of heat and electricity through a low-emission thermal process. The ERF Facility was consented in the Green Belt on the basis that it constitutes 'very special circumstances', including the diversion of waste away from landfill and the production of low carbon energy for exportation to the local distribution network.

OUR TEAM

Our team works with a positive and creative mindset. We specialise in providing our clients with strategic advice, optimising the likelihood of successful outcomes in a dynamic and increasingly technical planning system. We have established a wealth of experience in dealing with complex, controversial and sensitive sites and development proposals, whilst working closely with our clients and project teams to guide applications through the planning process.

OUR DIRECTOR TEAM

Alan Hannify
alan.hannify@union4.co.uk

Steven Fidgett
steven.fidgett@union4.co.uk

Jonathan Rowlatt
jonathan.rowlatt@union4.co.uk

Alexandra Webster
alexandra.webster@union4.co.uk

Andy Stallan
andy.stallan@union4.co.uk

Andy Wells
andy.wells@union4.co.uk