

MOMENTUM'S
A ——— Z





To celebrate Transport Planning Day 2023 we've updated the Momentum A-Z, our very own transport planning dictionary. Once again our team rose to the challenge, inspired by the way the world moves, we touch on everything from people movement, design and innovation, to communities, crossings, streets and spaces. We even include a glimpse into life at Momentum.

scroll



Accessibility

Momentum develops transport solutions for all, which maintain and enhance the accessibility of our shared spaces. We always strive to accommodate as diverse a range of accessibility requirements as possible in our work.

Bikeability

Our progressive active transport solutions contribute to improving the bikeability of cities & towns by creating enhanced and safer cycling infrastructure, ultimately paving the way for a healthier future.

Cargo bikes

The TfL Cargo Bike Action Plan released in March 2023 outlines the need to promote the growth of cargo bike deliveries to make them “London’s leading option for last-mile freight and servicing trips”. Momentum develops cargo-bike solutions and site-specific consolidation strategies and has been pushing for their generalisation for all urban sites, with the aim to make them one of the core elements of any site delivery and servicing strategy.

Design

Everything we do is by design. From concept to construction in order to provide informed solutions. We develop strategies for delivery and servicing, and people movement, as well as engineering design for highway works and public realm improvements.

Environmental management system

Momentum is conscious of its impact on the environment and has a robust system in place to ensure we are operating as sustainably as possible. This is an evolving process as year on year we we can improve on our energy efficiency, recycling targets and transport modes.



Footprint

Momentum collaborates with local authorities and government entities to develop sustainable transport strategies that actively promote walking and cycling. By improving accessibility and safety while making these modes of transport more attractive, Momentum contributes to reduce the transport carbon footprint and mitigate the environmental impact of transportation.



Momentum uses GIS to craft custom solutions that empower clients with data-driven insights. Our team blends data expertise with custom solutions, empowering clients with unique insights. We're all about transforming information into action.

helpful

Momentum offers a helpful approach to transport consultancy, based on understanding, integrating and assisting the needs of people, transport and movement in urban areas.



International

Momentum has a dynamic team with a diverse international background, bringing together individuals from various cultures and regions. Momentum also has an impressive portfolio that showcases a range of international projects, demonstrating our expertise and experience in navigating global markets and collaborating on initiatives that span across borders.

Junctions

Junctions are not only an important aspect of effective transport planning that have implications for safe and efficient travel for a range of users, but our skilled team at Momentum use Junctions 8 software to model and test the ideal roundabouts and junctions for our clients to implement into real world projects.

Knowledge-share

On Fridays Momentum invites an internal or external speaker to informally share information on a topic to the team, ranging from the technical to the broad. It invites an opportunity for everyone to gather and encourages not just knowledge flows but also helps develop Momentum's unique integrated culture.

Low carbon

Sustainability and a low-carbon approach is at the forefront of our thinking and culture.

Multi-Modal Mobility

Multi-modal mobility incorporates a number of different modes of transport into one trip, which could include private vehicles, public transportation, and micro-mobility. Mobility hubs facilitate multi-modal mobility by providing intersecting points for different modes of transport.

Neighbourhoods

Momentum works towards creating accessible, sustainable, resilient, and safe neighbourhoods through the planning and engineering of transport networks and public spaces. Momentum listens to and learns from residents to help make liveable places where people are put first and communities can thrive.

Opportunity

Momentum is always striving to seek out new opportunities, whether it be with ambitious projects or new approaches to improve internal operations, improving our sustainability, efficiency and culture. People are at the heart of what we do.



People

Momentum is a people-centred consultancy. At the heart of every project we are always considering what would work best for people, creating environments designed for not just an effective user experience but an enjoyable one too.

(Queen) Elizabeth Line

In its first year over 160 million passengers have travelled on the Elizabeth line, with a customer satisfaction rating of 83% (the highest on the TfL network!). The Elizabeth line brings an extra 1.5 million people to within a 45-minute commute of London's Square Mile.

Reclaiming and reallocating

The dominance of the car is a key problem within our cities. We have been involved in a number of exciting projects which have centred around reclaiming road space from cars, reallocating this space to pedestrians for them to enjoy.



Sustainability

Sustainability boundaries are always pushed by Momentum and we always challenge ourselves and our clients to do things better and minimise the impact of our projects.



Traffic models

Using traffic modeling at Momentum to ensure a safe and sustainable design involves a comprehensive approach that integrates engineering principles, data-driven analysis, and environmental considerations.

User-Centric + Design

Momentum's work prioritises the preferences and needs of different user groups when we have input into any design. Whether it be accessibility, usability or efficiency, ensuring the design benefits the user is key.

The graphic features the words "Vision Zero" in a white, handwritten-style font. The letters are superimposed on a large, semi-transparent magenta "V" shape. The background is a dark blue map of a city street network, with a prominent magenta river or canal winding through the lower portion of the image.

Vision Zero

Momentum prioritises the safety of vulnerable road users in our work, seeking to create healthier and safer places for all. This supports not only Vision Zero, but the road to net zero, encouraging more active and sustainable travel modes across our cities and communities.

World Car Free Day

World Car Free Day is a fantastic opportunity each year to re-imagine how our streets can be shaped around people rather than motor traffic. Momentum actively advocates for change in urban planning and the transport industry. We have sponsored the World Car Free Day London Summit since it was founded in 2019.



expertise

Our integrated team of transport planners, modellers and engineers has worked on a wide variety of different projects across the globe. We always endeavour to use our expertise in a way that contributes to social, economic and environmental sustainability- no matter where our projects are based.



Yarn

Yarn represents the interconnected threads of sustainability woven into the fabric of Momentum's mission. Like a well-crafted yarn, we intricately intertwine eco-conscious initiatives, markets, and skills to create a tapestry of positive change on the road to net zero emissions.



Momentum prioritises staff wellbeing and schedules activities such as yoga and massages to ensure staff are well rested and ready to bring their best to clients.

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