

MOMENTUM'S  
A ——— Z







**To celebrate Transport Planning Day 2019 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**





# Atlantic

---

**Momentum Transport has crossed the Atlantic Ocean to establish its first international office in Montreal, Canada. The French-Canadian office has contributed its transport expertise to projects in several North American cities, including Montreal, Jonquière and San Francisco.**





back

# Bridges

---

**Bridges form an important element of the transport network, connecting key destinations within communities. They can also be a major route for pedestrians to and from a venue on event days. We have expertise in assessing crowd movements from pedestrian bridges to entrances and key transport hubs and our work informs the design process to cater for demand.**

scroll



# Communities

---

As our cities and towns become increasingly complex and connected, we work diligently to design spaces that respond to the needs of the people and communities who live and work in them.



# Diverse

---

Momentum has a wide range of individuals from different backgrounds meaning we can offer a range of skills, talent, experience to draw upon. Diversity strengthens our innovative capacity & inspires creative solutions for our customers and improves the world we live in.



# Efficiency

We are an integrated team of engineering, transport planning and analytics professionals who use our time effectively. Our projects are a composition of relevant research and analysis, which result in public realm improvements, better urban services, accessibility and an increase in transport efficiency.





# Flows

---

Understanding the flow of people between and within spaces is crucial to our work at Momentum. We are able to forecast expected pedestrian flows to, and within, new developments and by accurately forecasting pedestrian flows we are able to design public realm that allows people to move freely.





# Gardens

---

**Gardens and parks can inspire wonderful moments and enchant visitors. Momentum supports their design by understanding the pedestrian experience to different areas of the site and the back-of-house operations. In order to enhance the journey of visitors, we ensure routes are well connected, attractive and adapted to the seasons.**



# Highways

We're proud to play a role  
in redefining highways in cities  
from being focused around vehicular  
transport to becoming links which people  
use to get from one place to another.



# Innovation

---

The process of translating an idea or overcoming a problem that pleases the client. Our clients seek our expertise in engineering, planning and design to solve problems using innovation that is cost effective and environmentally friendly.



# Journey planning

---

We work to positively influence the way that people travel by encouraging safe, healthy and sustainable travel options. By striving to reduce car travel, we can improve the health and wellbeing of the public, while freeing up car parking space and making a positive contribution to the community and the environment.



# Knowledge sharing

We regularly sit down together for lunch and our informal knowledge sharing sessions. As an integrated consultancy, this means that everyone has the opportunity to understand topical issues, challenges and opportunities and to ask questions to ultimately benefit the work we do for our clients.



# Liveable

---

**We help to create a liveable city which means that the needs of anyone, regardless of age or ability, are taken into consideration so everyone has the chance to experience the city fully.**



# Masterplans

---

We love large-scale comprehensive development schemes where we get a chance to develop transport operations from scratch and design in solutions to make spaces more efficient and accessible for everyone.



# Neighbourhoods

---

People are at the heart of what we do. We work diligently to understand and consider the needs of communities within our work so that we deliver spaces and neighbourhoods that people want to live in, work in, play in and move through.



# Opportunities

---

**We are keen on providing opportunities for our employees across all levels and roles, to collaboratively acquire broad experience in a variety of exciting projects to meet their professional development goals and individual aspirations within the transport industry.**



# Pedestrians

---

Considering the movement of pedestrians is an essential part of permanent development proposals. Designing and creating desirable and safe pedestrian access within our communities is critical to the long-term resilience of our cities, especially within the spaces that connect us to transport hubs, places of work and residence, and leisure venues.






# Queuing

---

**No one enjoys queuing!**  
We're able to provide detailed forecasting, modelling and analysis to ensure the most efficient design is developed for our clients. This work ensures that we deliver the best possible user experience to future tenants, visitors and the general public.





# Road diet

---

A transport planning concept that promotes the reduction of lane widths and/or the number of lanes on a road to improve efficiency, accessibility and safety. Their application is often combined with pedestrianisation measures or the implementation of cycle paths. Through our integrated approach to urban design, we ensure that our recommendations prioritise pedestrian safety while reducing vehicle travel.



# Solution

---

No matter how big or singular the challenge is, we always endeavour to rise to it. Our team is not afraid to think outside of the box and to combine robust analysis with brand new solutions. This is our way to achieve mobility.



# Tracking

We use tracking software to analyse how vehicles would interact with designs in real life, this could be a new car park, a construction pit lane or a new carriageway alignment.



# Urban planning

---

A technical and political process concerned with the development and design of land use and the built environment. It includes the infrastructure passing into and out of urban areas, such as transport and the provision of services to residents, workers and visitors. Without it we have urban sprawl, a lack of open space and transport chaos. With it, we aim to achieve well-designed and efficient urban environments that are sustainable, enjoyable and safe.



# Variability

---

Each of the projects that we work on presents a unique set of transport challenges to overcome, including bespoke client aspirations, space constraints and the cumulative impacts of wider development. Our extensive and expanding project portfolio places us as one of the best consultancies for forming solutions to these varied challenges, from supporting development planning applications to providing stadia event day transport operations support, and so on...



# Wellness

---

When Troy, our office dog is in the office, his main responsibilities are boosting staff wellbeing and improving the team's productivity. He enjoys receiving attention from both staff and visitors and appreciates being told he's a good boy.





# Xeriscaping

---

**Xeriscaping is a responsible landscaping method that reduces or eliminates the need for water irrigation by using drought-resistant plants. It can be used in areas where low maintenance is preferred, such as parking lots or streetscapes. In the face of climate change, greening can contribute to creating resilient and sustainable communities, as indicated in the Healthy Streets for London approach.**





---

The mental and physical wellbeing of our staff is essential, as we believe a healthy work environment helps create a happy team. This is done in a number of ways including encouraging staff to spend more time outside in nearby parks, promoting active sustainable travel through our cycle to work scheme and getting in shape through attending our weekly in-house yoga sessions.



# Zones

When modelling the evacuation of spectators from stadia, we help to design for the safe and efficient clearance of each 'zone of relative safety' within the venue; ensuring a smooth and safe evacuation for all spectators in the event of an emergency.







CLICK  
FOR MORE ON  
MOMENTUM

AN