



# The TravelSpirit Openness Q&A

## What is openness?

Sharing data, collaborating on source code, transparency of operations, working on open business models, contributing to open source resources and APIs.

## Why is openness important?

Openness is essential to Mobility as a Service. From end to end journeys across modes to monthly bundled mobility packages, nothing that is truly useful to travelers can be created without some degree of openness between at least some combination of operators, mobility as a service providers, and data providers.

## Who needs to be open?

There needs to be a degree of openness within the entire MaaS system:

- Transport operators - both new shared mobility operators, transportation network companies and public transport service providers;
- Data providers – mapping, traffic management, parking, congestion;
- Mobility as a Service interface providers;
- Local authorities;
- Travelers – traveler data is essential within this system and transparency about what, how and why data is used is essential.

## What could openness offer?

**Users** – control, cost effective and convenient travel.

**Cost transparency** – no having to wonder whether a split ticket or a day pass or a single is cheaper;

**Where and when** – not just multi-modal journey planning but live feeds of next mode position and status (how busy it is / seat booking etc)

**Options & rewards;**

**Information** – from costs (per journey, daily, monthly etc) to time spent, calorie counts and other impacts.

**Local Authorities** – informed decisions about infrastructure, environment, equity and economic growth:

Equity – who is travelling? Who is excluded from travelling?

Environment – emissions, noise, CO<sub>2</sub>;

Economy – are people able to access work efficiently, can goods and services reach market?

Are we using public space & resources efficiently to ensure above?

**Operators** – service developments, efficiencies and growth of the entire sector:

Who is travelling, how why, how long journeys take – data analysis can show gaps, who is not travelling

What people are spending / prepared to spend / pricing elasticity

How are demographic/ socio economic / building changes having an impact on services

## Analysing openness

TravelSpirit has published a tool to analyse openness: The TravelSpirit Index of Openness of Mobility as a Service which offers a framework for analyzing MaaS systems for openness to help authorities assess MaaS offers.

## How can we achieve openness?

- Bilateral / multilateral operator agreements
- Operator / data provider agreements
- Operator – MaaS provider – Local Authority agreements
- Data hubs
- Blockchain enabled token eco-systems

## More openness

TravelSpirit is championing the role of “open” in the emergence of new mobility services and the evolution of MaaS as a global resource rather than an individualised business.

*“a future transport system that is open and accessible to all”*

join us

[www.travelspirit.foundation](http://www.travelspirit.foundation) | [@travelspirit\\_io](https://twitter.com/travelspirit_io)