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# SCENARIO 1 - WEIRD SUSSEX

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## DESCRIPTION

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*Weird Sussex* is a scenario of Brighton in 2030. In this scenario, the Brighton and Hove Councils mandate has expanded to include what is known today as Greater Brighton (to reach Gatwick).

There is a mixture of public, private and personal transport options similar to today. There is also a progression of transport technology with some autonomous vehicles, infrastructure supporting electric powered vehicles and the re-adoption of trolley buses.

Notably the city centre has been pedestrianised and emissions legislation has increased significantly.

## SCENARIO LOGICS

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- Brighton & Hove City Council becomes responsible for Greater Brighton Region (Unexpected Change)
- Complex Transport Solutions – Public, Private and Personal with Automated and Human Directed vehicles (Progression of present)

## POINTS AND ASSUMPTIONS

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- *New*: Greater Brighton mandate for council, pedestrianisation of city centre, infrastructure for electrical vehicles, mass adoption of meatless food products (GM and cultured) by consumers, environmental legislation to reduce general carbon production and limit emissions pollution
- *Trends*: Denser population, ageing population, abundant, sustainable (wind, wave and solar) and reliable energy (production, storage and delivery), some adoption of autonomous vehicles, increasing number of EVs (Electric Vehicles), ubiquitous and resilient wireless data networks
- *Continued*: Creative, innovative (although focus transitioned from Digital to Biological) and independent thinking city culture
- *Removed / Reduced*: Fossil fuels, meat production and consumption (reduced), digital innovation (reduced)
- *Returned*: Trolley buses (now with autonomous direction and with disability friendly stops.) Fixed powerlines enable trolleys to vehicles to overcome Brighton topography (hilly)

## TIMELINE

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Year	Events
2030	Final stage of Greater Brighton integrated into mandate of Brighton and Hove Council, City becomes all EV
2027	National legislation for farm stock reduction introduced, city centre pedestrianised
2024	Carbon reduction and emissions limitation national legislation with goals that progressively increase over next five years introduced, Meatless diets become mainstream
2021	Practical EV infrastructure introduced and deployed over next here years

### A DISABLED SUBURBAN CITIZEN AND LEISURE TRAVEL JOURNEY

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Marie rolled off the autonomous trolley bus near the crowded Peoples Market Square in the city centre. It was exciting to be catching up with her friends for brunch again.

Abundant electricity had changed transport, home comfort and the whole city experience for the better. Now that all transportation was effectively emissions free, the city air was clean. Even from the edge of the pedestrianised centre she could breathe in the heady and enticing smells from the food court. "Now for the latest fresh-from-the-fields-and-vats food." She thought.

A secondary effect of the change in transport, was that almost more street noise came from people's activities. The dominant roar of vehicles from just a decade ago was now replaced by the hiss of tires, the occasional squeal of trolley bogies and the dinging of warning bells. "Back to the Future" she thought recalling her local history books of early 20<sup>th</sup> century Brighton and the old tram system.

The massive transport technology transition had avoided compromising the public and private transport options available. This meant you got the travel experience of a city visit you wanted. For a one stop trip into the centre, the trolley bus was convenient and one of the easiest for her powered chair.

The 'Brighton Bubble' had become the 'Sussex Dome' and the urban markets had boomed. The innovative thinking in Brighton, combined with the agricultural productivity of the Weald areas, meant the region had become a global leader of the 'New-Agriculture for New Food' culture. It was even bringing in a new wave of tourism and investment to Greater Brighton

Legislation reducing livestock, and eager consumer adoption of the newly popular meat substitutes, had helped clean the air across the UK. In the market, the microvat-farmers from the Weald had already set up their stalls displaying their meat-a-like concoctions. She was looking out for some pseudo-game and had heard of a new variety of chicken-a-la-thing.

As she dodged the eternally present buskers and street artists, Marie mused that even the fire jugglers had been quenched by the anti-pollution legislation. "If only human statues produced emissions" she fantasised. Pedestrianising the city centre with affordances for pedestrian-plus

(personal Electric Vehicle buggies and wheelchairs) with the trolley buses, had made so much sense. As well as a higher density population, the growth in the ageing population had led to more scooter traffic and less agile walkers. Cyclists and other niche modes had to be wrangled but it still worked.

Reaching her friends at the food court, Marie docked her wheelchair into the table. They had a cooled bottle of Downs open. Already her chair with built in food cooler was recharging itself without having to touch a control. It was good to live in a modern city built for people of all abilities to live in and visit.