Social Problems

**Lost Time Driving / Car and Bus Unsuitable
for working and living comfortably**

quality of life & productivity lost

$422 Billion
in working
hours

Introducing the Future

- NEXT Future Transportation is an advanced, autonomous, modular, **scalable mass transit** system

- The NEXT modules are autonomous and can be used to **pick and drop off passengers**

- The NEXT modules also **assemble** themselves into **"bus- trains"**, to transit longer distances on the freeway

- Consequently, NEXT achieves the golden solution: **customized** last mile, and **optimized** transit on the freeway segments
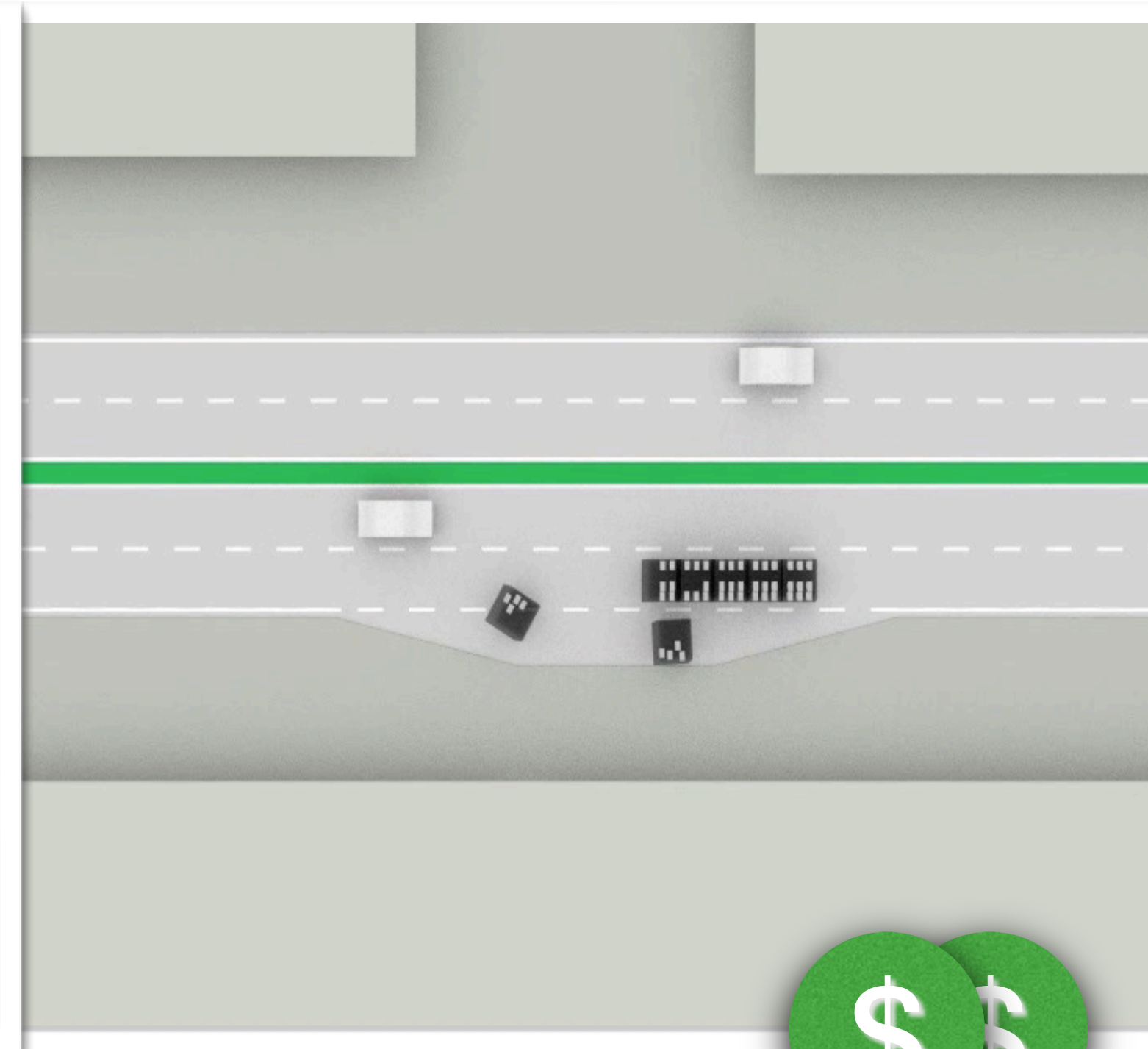
Click Here

holo-map
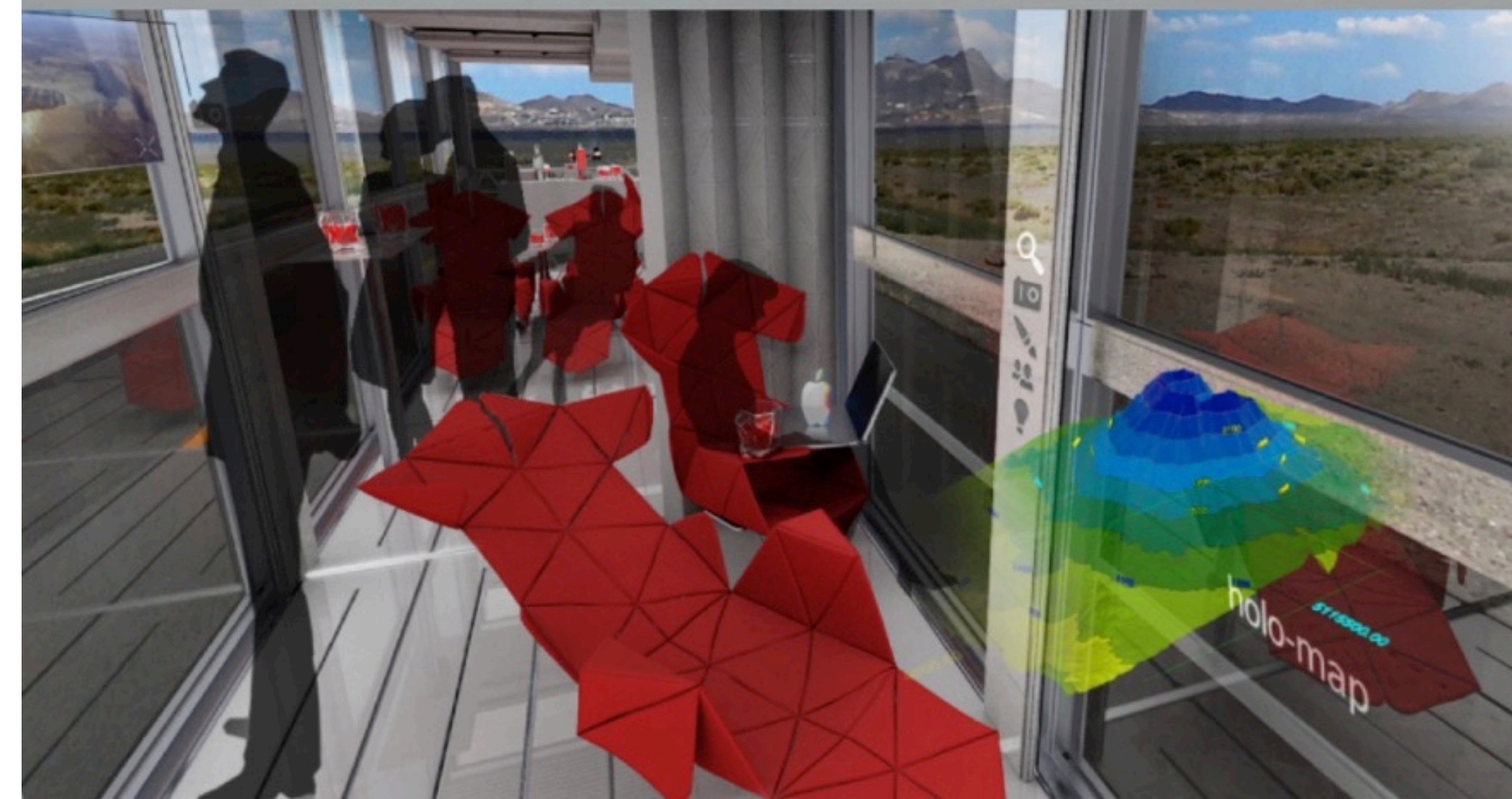
Hybrid **Scalable** System

Human Driving → Upgrade → Complete Self-Driving

Sell NEXT Modules Fleets → Modular Fleet Optimization → On-Demand Services

- Sell Fleet of modules to University **Campus**
- Sell Fleet to modules Innovative **Municipalities** (already in contact with Bad Hersfeld in Germany and Vilnius in Lithuania)
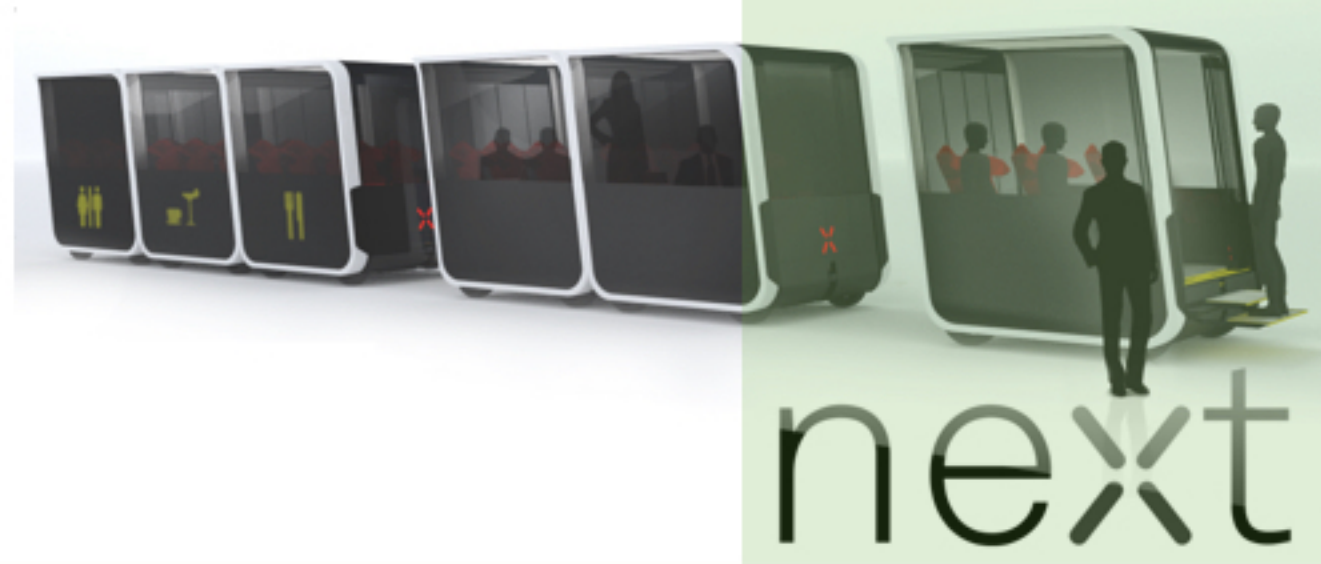
- Autonomous **private modules selling**
- Gradual bus fleet replacement with modular NEXT buses
- **Revenues** from **Fleet Selling** and **Upgrading**

- On-demand mobility
- Third party services modules
- **Revenues** from 30% of transactions via Next app: **ticketing, on-demand call and services.**
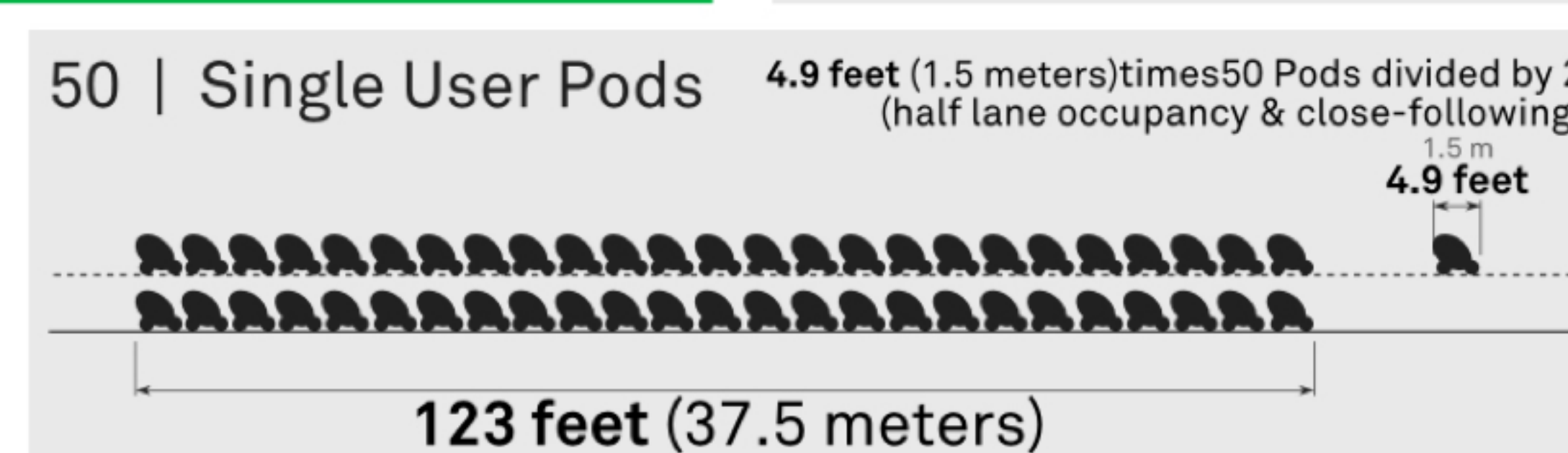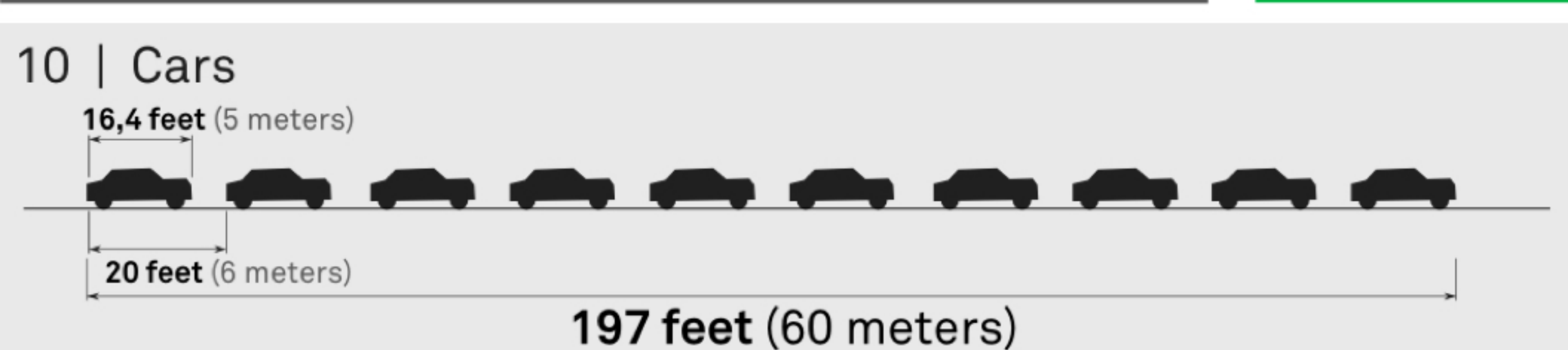
Competitors Comparison

	next	Self-Driving Car	Modular Pods	Self-Driving Bus
Average Occupancy Rate	75%	55%	100%	35%
Traffic Footprint	54 ft	197 ft	123 ft	40 ft
Total Cost per Passenger per km	$0.08	$0.07	$0.06	$0.20

estimations for medium traffic scenario
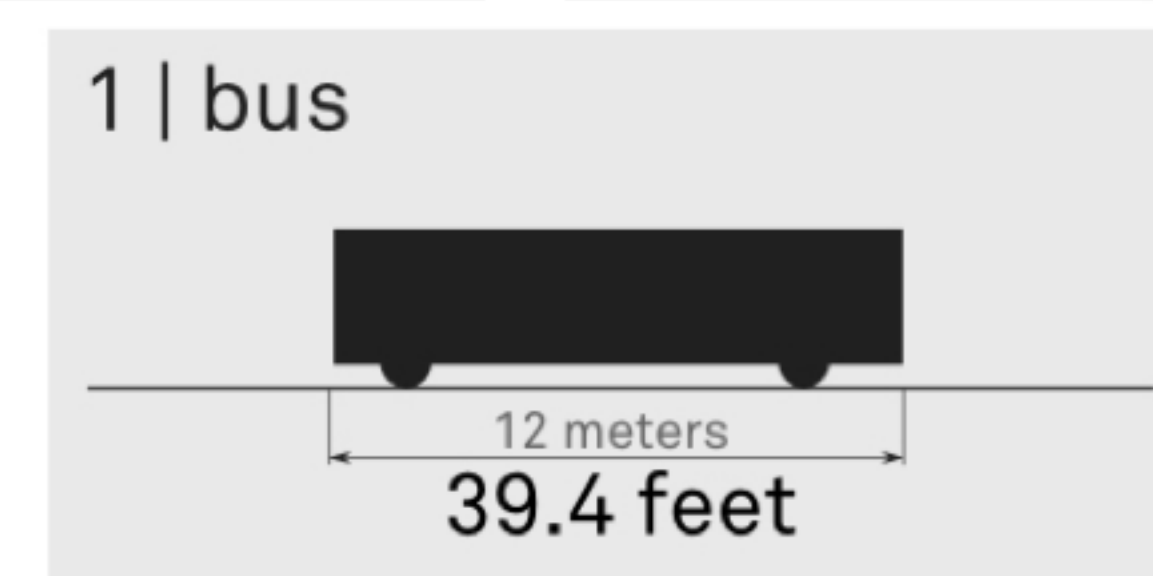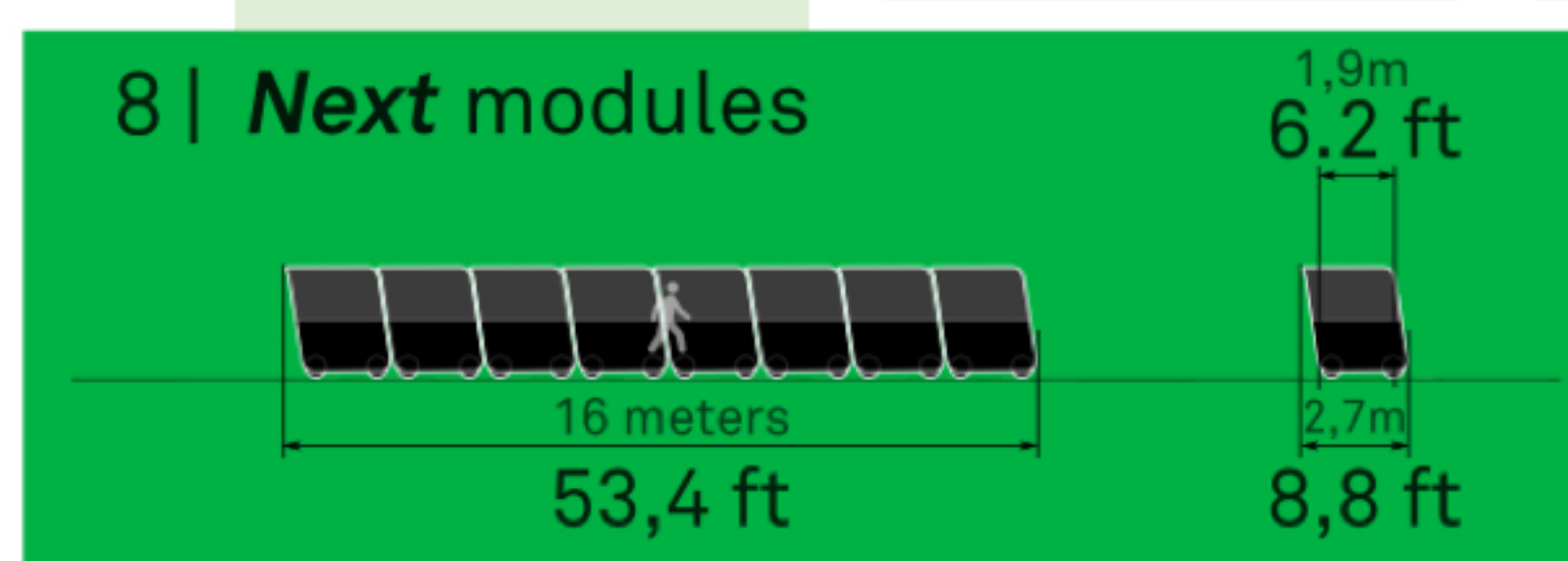
50 people sitting

8 | *Next* modules
1,9m 6.2 ft
16 meters 53,4 ft
2,7m 8,8 ft

1 | bus
12 meters 39.4 feet

10 | Cars
16,4 feet (5 meters)
20 feet (6 meters)
197 feet (60 meters)

50 | Single User Pods
4.9 feet (1.5 meters) times 50 Pods divided by 2 (half lane occupancy & close-following)
1.5 m 4.9 feet
123 feet (37.5 meters)

Competitors Comparison

Next offers the best of both worlds:

- Traffic Efficient as a bus during rush hours

- Ubiquitous and Fuel Efficient as shared taxi during low-medium traffic

rush hours

12:00
06:00   18:00
00:00   24:00

63 people
based on average
people per bus

self driving *shared taxi*

0.10 MJ/Km per Passenger
0.03 kWh/Km per Passenger

13 cars
=
65 meters

self driving *bus*

bus

0.07 MJ/Km per Passenger
0.02 kWh/Km per Passenger

1 bus
=
12 meters

Next

next

0.07 MJ/Km per Passenger
0.02 kWh/Km per Passenger

each *Next* module fits
6 people sitting
+
3 people standing

7 Next
Modules
=
14.1 meters

Next in rush hours is used like a regular
bus, with bus stations and lines

Congestion, Frequency and
Occupation Rate equal to
Urban Robo-Bus

Next guarantees
80% less Traffic Congestion
compared to non-modular robo-taxi

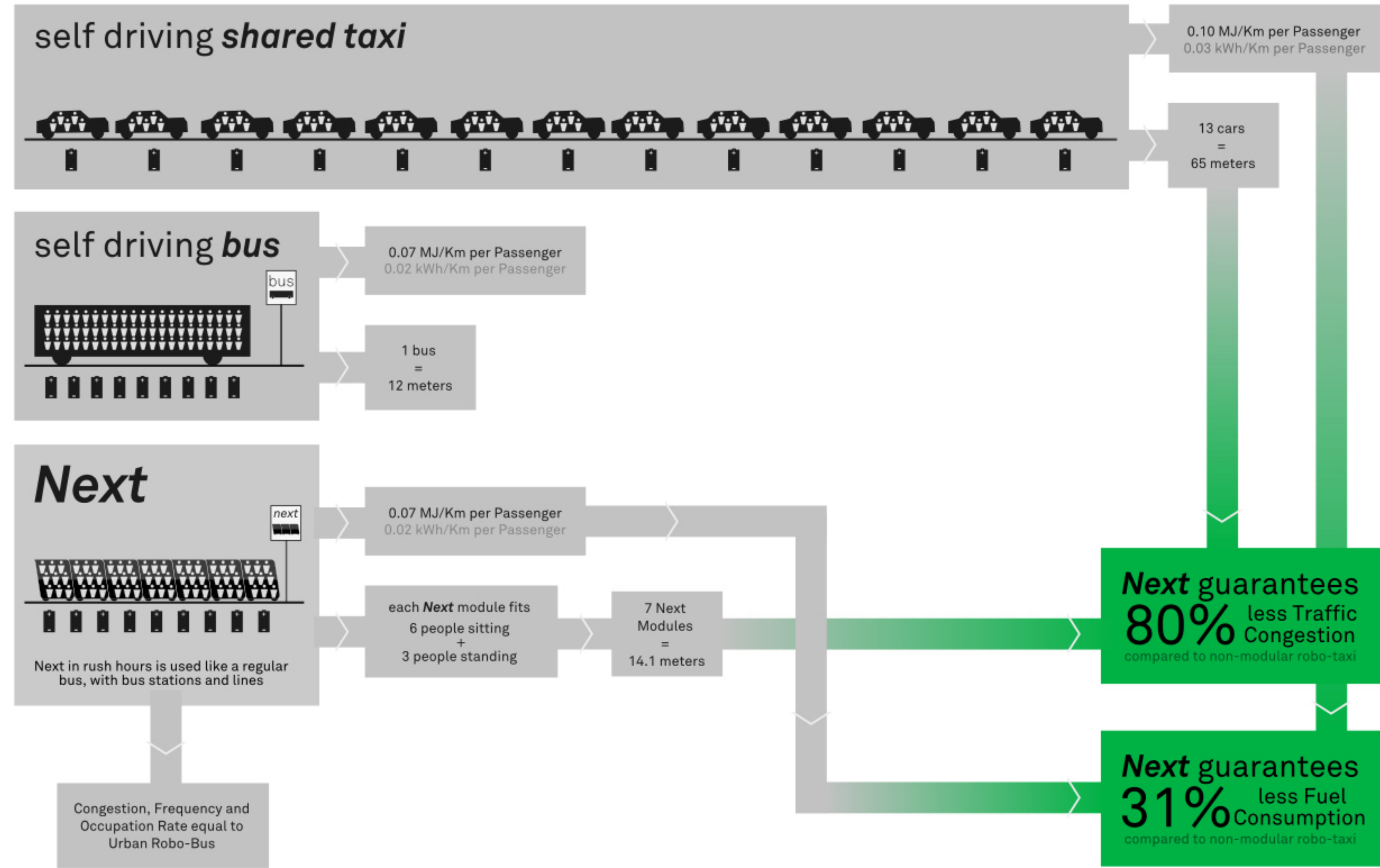*Next* guarantees
31% less Fuel Consumption
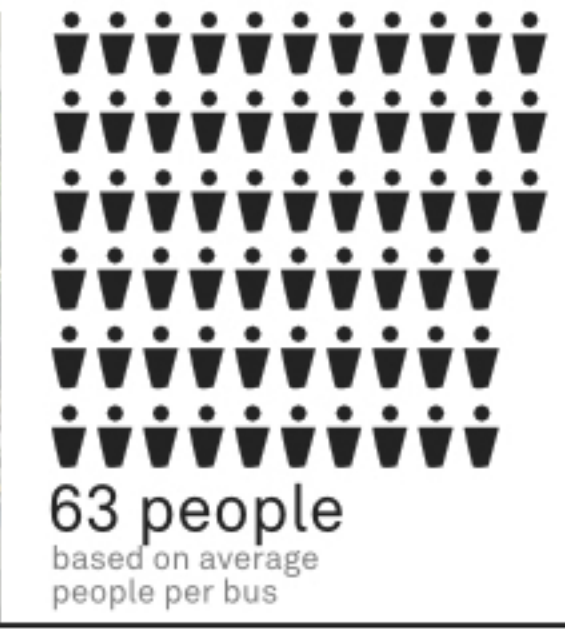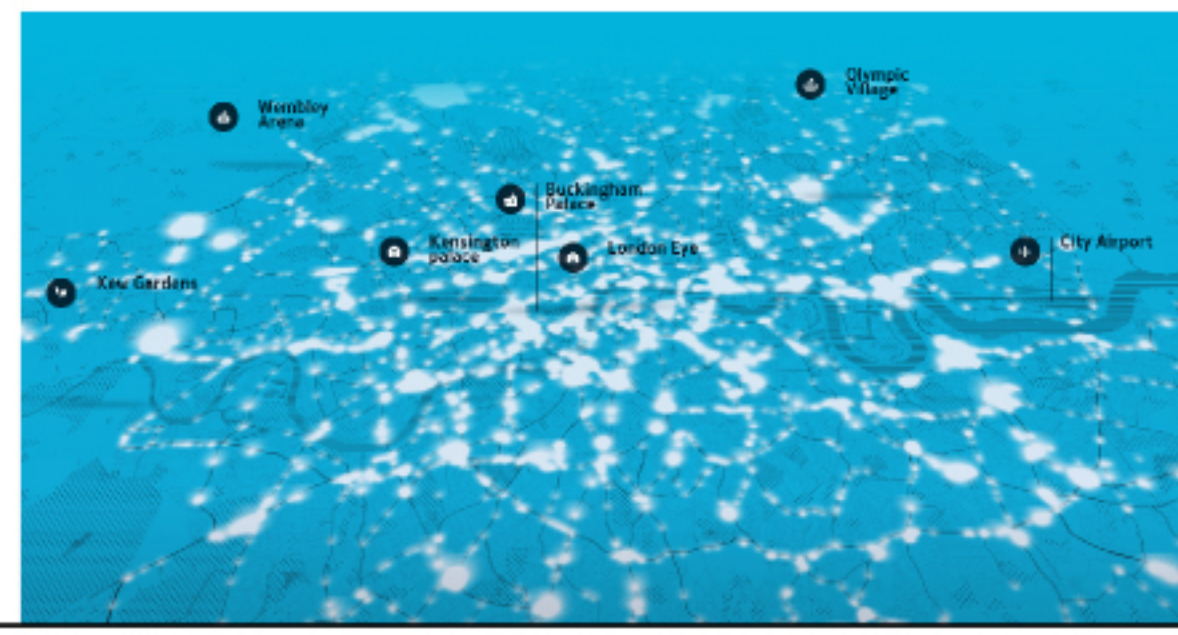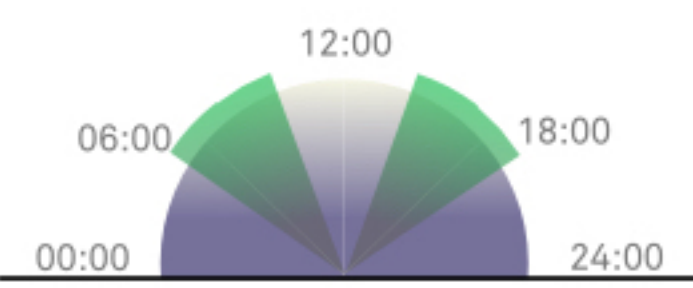compared to non-modular robo-taxi

Competitors Comparison

Next offers the best of both worlds:

- Traffic Efficient as a bus during rush hours

- Ubiquitous and Fuel Efficient as shared taxi during low-medium traffic

medium traffic

12:00
06:00   18:00
00:00   24:00

9 people
based on average people per bus

self driving taxi-pooling

0.11 MJ/Km per Passenger
0.03 kWh/Km per Passenger

2 cars = 10 meters

self driving bus

bus

0.50 MJ/Km per Passenger
0.13 kWh/Km per Passenger

1 bus = 12 meters

Next

next

0.14 MJ/Km per Passenger
0.04 kWh/Km per Passenger

2 Next Modules = 5.4 meters

Next in middle traffic hours is used like a regular bus, with bus stations and lines

Frequency and Occupation Rate comparable to Self Driving Taxi-Pooling

Next guarantees **300%** more Occupation Rate
compared to non-modular electric robo-bus

Next guarantees **200%** more Frequency
compared to non-modular electric robo-bus

Next guarantees **45%** less Fuel Consumption
compared to non-modular electric robo-bus
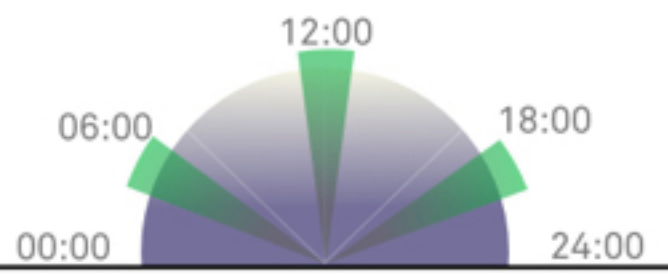
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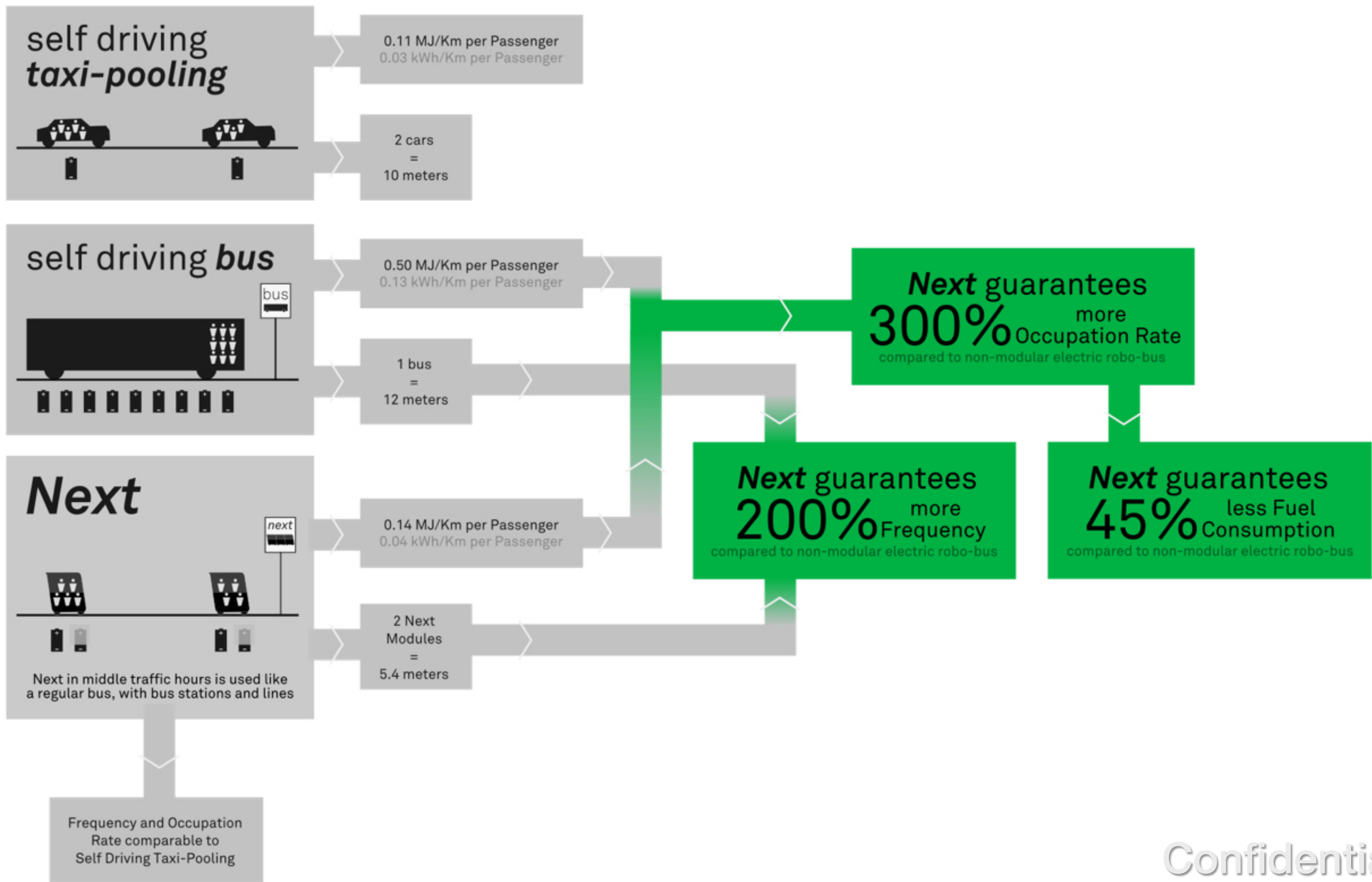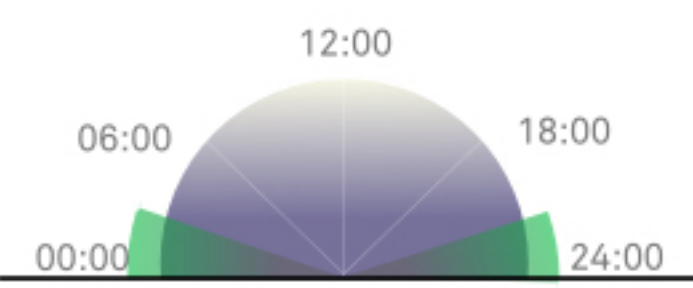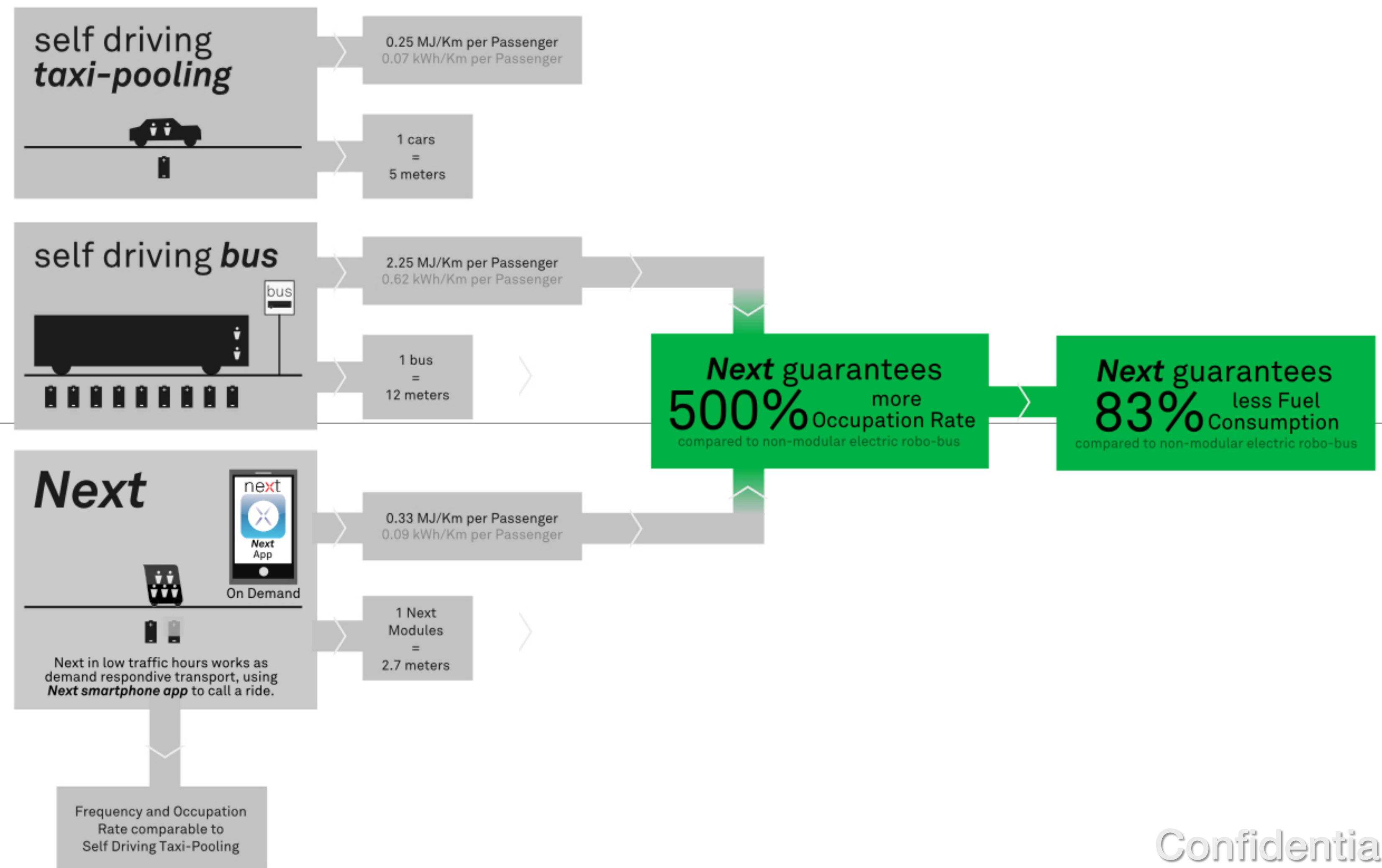
Competitors Comparison

Next offers the best of both worlds:

- Traffic Efficient as a bus during rush hours

- Ubiquitous and Fuel Efficient as shared taxi during low-medium traffic

low traffic

12:00
06:00 — 18:00
00:00 — 24:00

2 people
based on average people per bus

self driving *taxi-pooling*

0.25 MJ/Km per Passenger
0.07 kWh/Km per Passenger

1 cars = 5 meters

self driving **bus**

bus

2.25 MJ/Km per Passenger
0.62 kWh/Km per Passenger

1 bus = 12 meters

Next

next
X
Next App
On Demand

0.33 MJ/Km per Passenger
0.09 kWh/Km per Passenger

1 Next Modules = 2.7 meters

Next in low traffic hours works as demand responsive transport, using *Next smartphone app* to call a ride.

Frequency and Occupation Rate comparable to Self Driving Taxi-Pooling

Next guarantees **500%** more Occupation Rate
compared to non-modular electric robo-bus

Next guarantees **83%** less Fuel Consumption
compared to non-modular electric robo-bus