

Autonomous Vehicles and Smart Cities Holdfast Shores Trail.

Adrian Fahey – CEO SAGE



A little bit about me?

20 years with SAGE.

CEO for the past 10 years.

SAGE is \$98M business.

Group of 5 companies.

11 offices national + 3 offices internationally.

350+ amazing people.



The rise of smart transportation

\$95 Billion a year economic value.

Generate an estimated 16,000 jobs nationally.

US \$7 Trillion by 2050.

Asia Pacific expected to claim 47% market share.

2016 South Australia became the first Australian state to permit driverless vehicle testing on Australian roads.



CLOSING the LOOP

Urbanization is the driving force behind the smart cities revolution.

Does anyone know what year the global population in cities exceeded that of people living in the country? Was it 1972, 2009 or 2017.



**CLOSING
THE LOOP
2018**

The smartest, most accessible transport of the future

The Holdfast bay trail project is part funded by the Governments 'Future Mobility Lab Fund' initiative.

Partnership between City of Holdfast Shores, Local Motors and SAGE Automation.

World's first trail of an integrated autonomous shuttle and shuttle stop solution.

Drives awareness and acceptance of Autonomous vehicles.

Builds critical future capability in South Australia in the space of autonomous transport.



CLOSING the **LOOP**

Local motors will be providing the Autonomous shuttle for the trail.

Does anyone know the name of the shuttle?



**CLOSING
THE LOOP
2018**

Holdfast Shores Trail

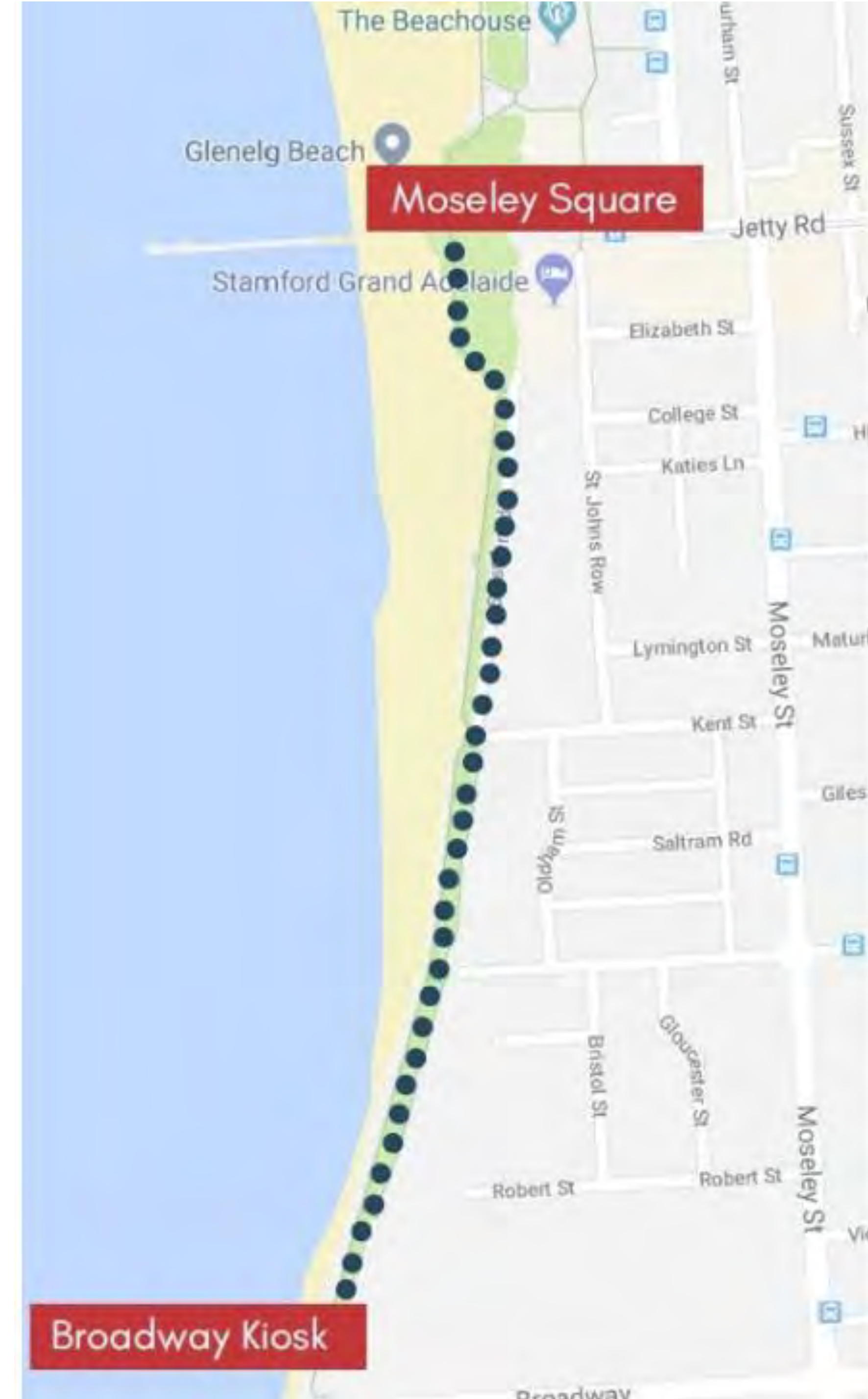
Route to connect Moseley Square in Glenelg to The Broadway Kiosk.

It offers the ideal area to undertake a Driverless Vehicle Project.

Using the esplanade which is a 1 km bidirectional shared path.

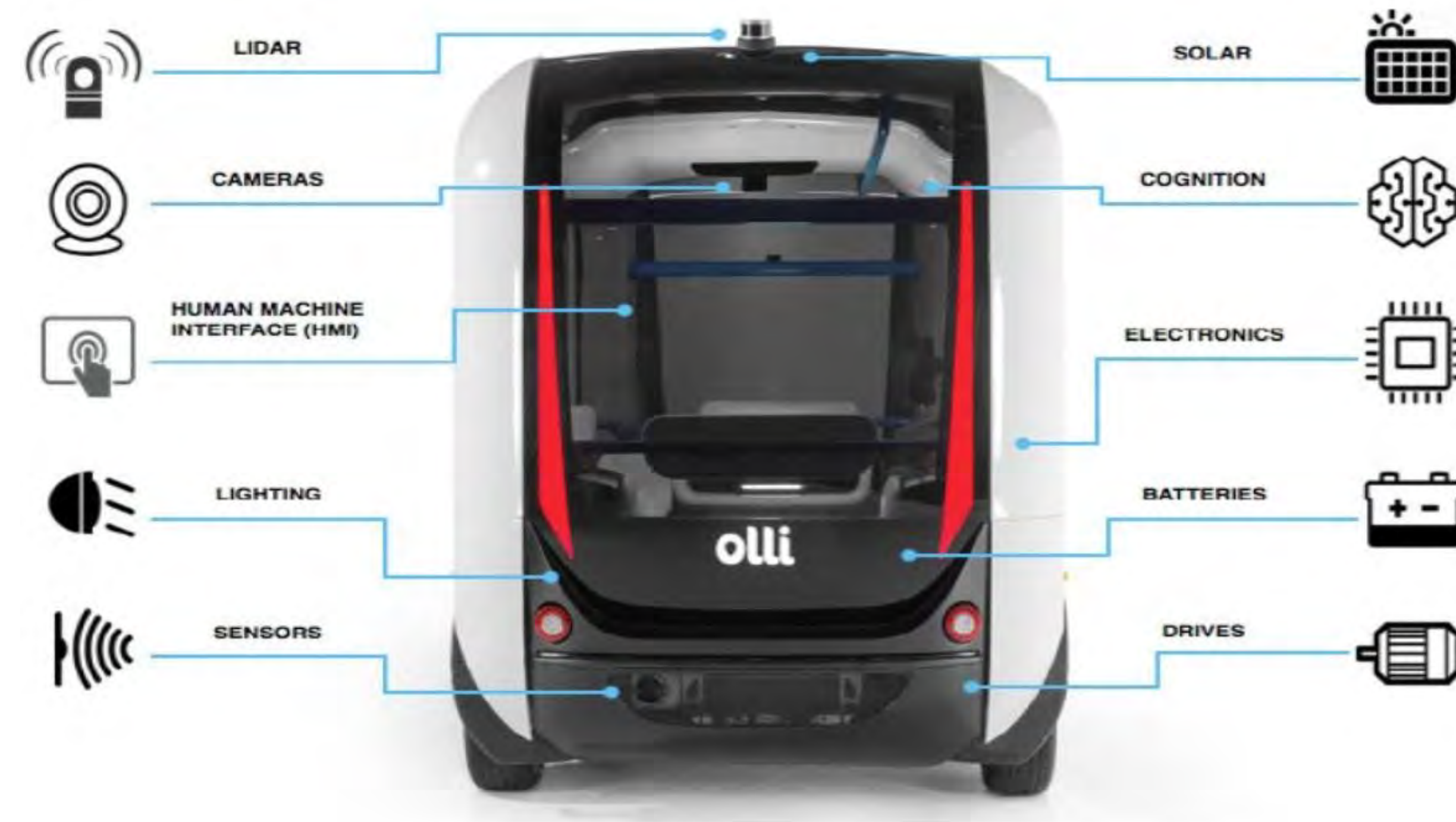
Path connects public meeting areas and established transport in Moseley Square.

Connecting parks along the esplanade in Adelaide's Premier Seaside Destination.



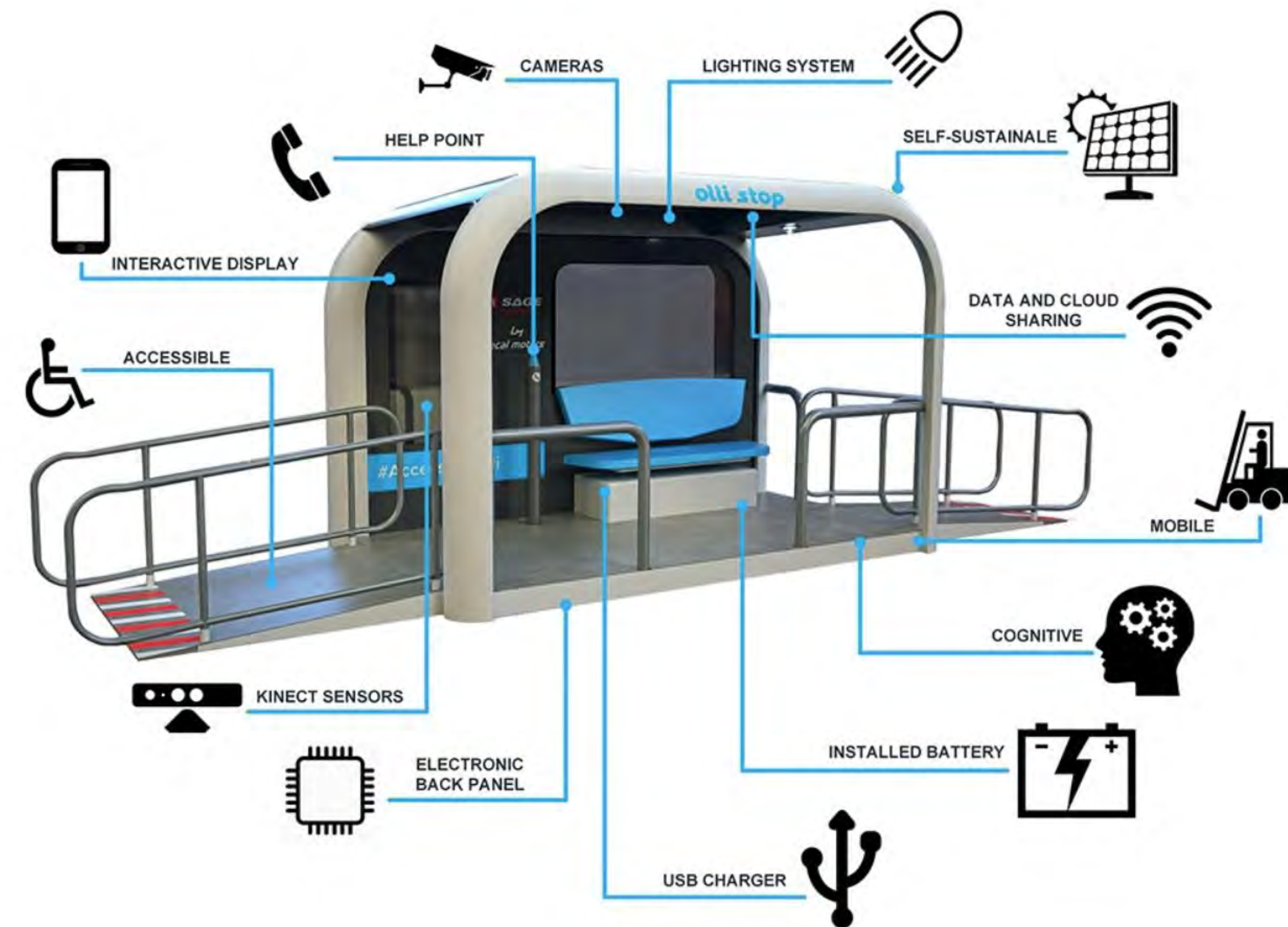
What is Ollie?

- World's first 3D printed Autonomous shuttle.
- Energy efficient electric vehicle.
- Fusion of intelligent devices.
- Ability to operate without an operator.
- High level of safety integrated into design.
- Flexible platform that can be easily changed to meet customers requirements.
- Designed to be built locally.



What is Ollie Stop?

- Intelligent stop design to interface with Ollie.
- Focused on mobility and access for all.
- Interactive and provides high level of customer experience.
- Energy efficient self contained.
- Mobile and easily deployed.



How will we catch Ollie

Residents and tourists in the beach-side suburb of Glenelg will be able to ride Olli when the trial begins.

People can catch an Olli shuttle from two autonomous 'OlliStops': one at Mosely Square Glenelg and one near the Broadway Kiosk.

Olli carries up to 8 passengers and has been operating at the EUREF-Campus in Berlin and in Copenhagen, Denmark, with pilots scheduled for the US in the American Spring.

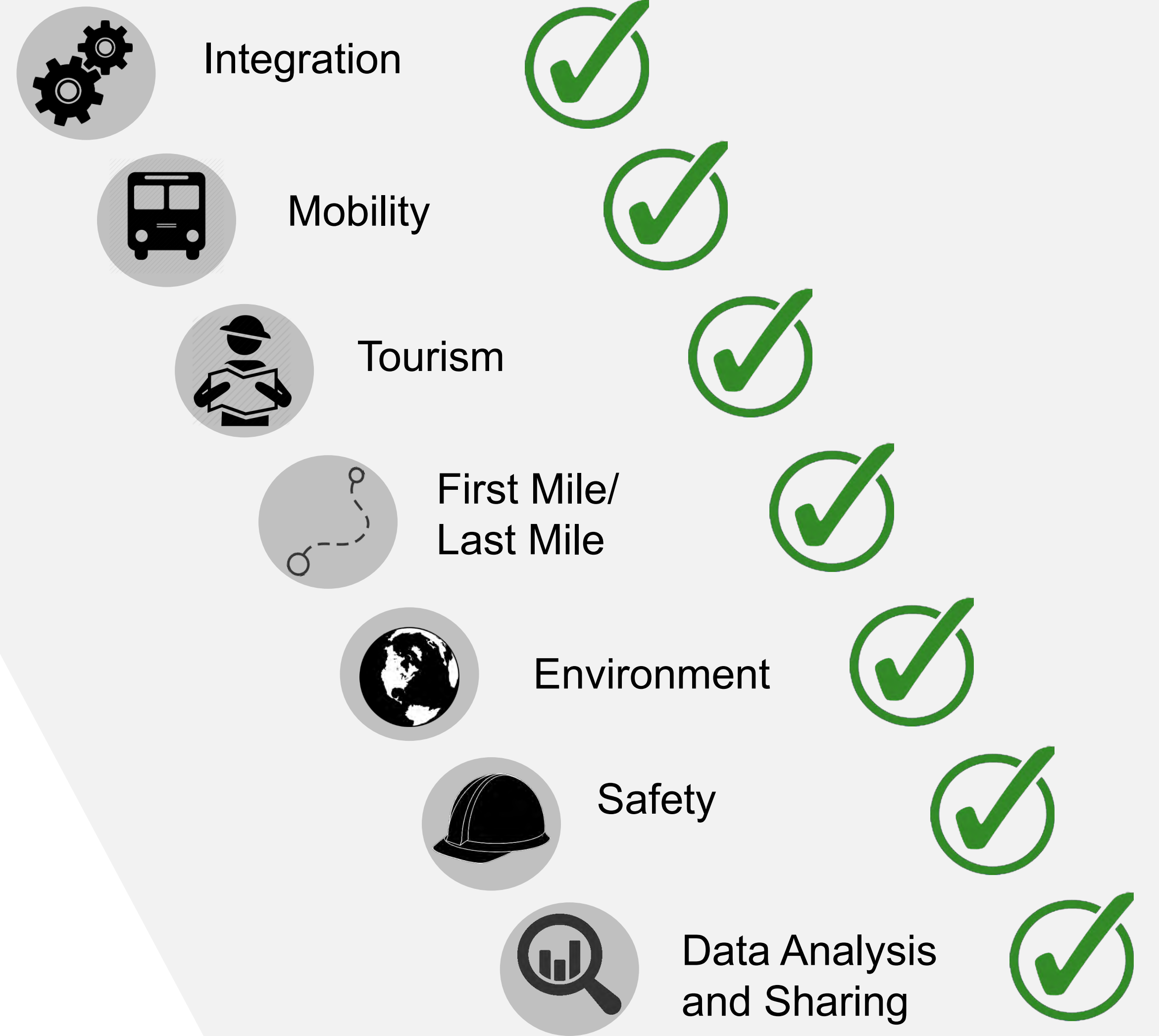


The Connected Journey

- 80 Billion connected devices by 2025.
- Smart cities.
- First Mile / last mile challenge.
- Experience tailored to the user.
- Mobility and access for all.



Trail Benefits





EMbedded
Expertise



SKILLS LAB

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