

Wing[↑]

Drone delivery in our cities



Addressing the challenge

Last-Mile Delivery

The benefits of drone delivery



Speed



Cost



Access



Scalability



Safety



Sustainability



BENEFITS FOR LOCAL BUSINESSES

Grow retail sales
in Queensland by

**\$400-450
million**

of which **\$150 million**
could accrue to **small
businesses** in
Queensland
in 2030



Reduce delivery costs
for businesses by up to

\$155 million

per year by 2030.*

Delivery costs for some
items such as takeaway
food could fall in the
long term by up to

80-90%



Expand the reach of
delivery businesses
by up to

4x as many
consumers

by bringing more
households into
range



BENEFITS FOR CONSUMERS

Save **35-40 million hours** for consumers in 2030 by replacing customer pick-up journeys, as well as **delivery times** that are **60-70% faster** than today's methods



Save consumers **\$60-65 million** per year in **reduced delivery costs by 2030.*** Delivery costs for some items such as takeaway food could fall over the long term by up to **80-90%**



Expand choice for consumers by giving them access to up to **4x as many merchants** by bringing more retailers within delivery range of their home or workplace



BENEFITS FOR SOCIETY

Reduce traffic congestion
by replacing
470 million
vehicle kilometres
each year. This could also
avoid up to **1,100 road**
accidents each year



Reduce annual
CO₂ emissions by
100,000 tonnes
due to fewer road
vehicle deliveries. This is
equivalent to the carbon
storage of **3.5 million trees**





An aerial view of a large industrial building with a grey corrugated metal roof. A yellow diagonal line runs across the roof from the top right towards the bottom left. On the roof, there is a grid of square landing pads, each with a QR code and a small drone. A white drone is shown in flight above the landing pads. In the bottom left corner, the text 'Rooftop Drone Delivery Service' is written in large, bold, yellow letters. On the right side of the building, there is a sign that says 'Wing' and 'L' in large letters.

Rooftop Drone Delivery Service

Wing
L

Wing[↑]





Engaging the broader community

Customers and non-customers



Community outreach and engagement beyond those using the service



Open to feedback and questions



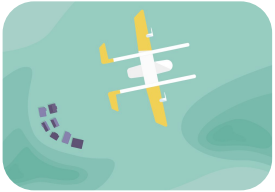


The journey so far

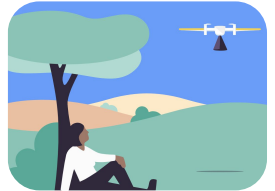
Learnings



Community outreach and engagement



Understand innovation goals of city



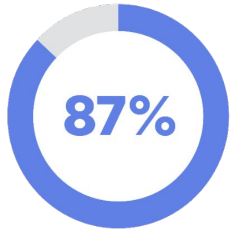
Realise benefits of drone delivery in partnership



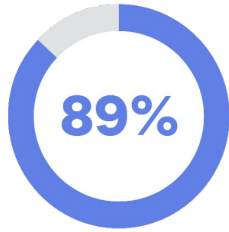
Community response

Feedback is overwhelmingly positive.

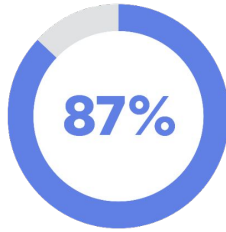
U.S. community experiencing drone delivery for over a year thinks highly positively of drone delivery.



87% positive sentiments.



89% used the service or likely to use the service if available.



87% viewed use of drones for package delivery equal or more favorable than other uses of drones.

Source: Virginia Tech Study 2021





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