

How real-time passenger information drives sustainable urban mobility

Preparing cities for a greener future

Congestion and pollution are driving cities toward greener public transport. **Real-time passenger information** (RTPI) improves the passenger experience, playing a key role in this shift. This infographic explores the role of RTPI in sustainable urban mobility and the impact of eco-friendly display technologies.



Addressing the sustainability challenge



Cities can cut CO2 emissions by

30%+

with targeted transport policies RTPI in sustainable urban mobility and the impact of eco-friendly display technologies.

Public transport's key role

UN Sustainable
Development Goals
Increasing public
transport usage aligns
with a sustainable,
low-carbon future



RTPI boosts ridership

Examples of ridership gains:

Madrid /
Bremerhaven:
+6-13%

service quality
perception

Chicago /
New York:
+2%
daily ridership

Replacing static signage

Goodbye paper:

RTPI replaces costly, eco-unfriendly paper schedules with real-time digital updates.

Digital bus stops are rising

12% CAGR growth in passenger information systems expected by **2028**. **Digital displays** are the **largest**

Digital displays are the **largest** growth segment.

E-paper as the future:

Dynamic, eco-friendly and ideal for locations without electricity access:

Why e-paper wins versus LED:

Market growth:

2022-2030

14.5% CAGR from

Displays images without any power

Ultra energy efficient = mains power



Long-life or solar power battery power



PAPERCAST®:



32x

More efficient than comparable e-paper solutions



More efficient than closest competitor

Proven global success:

Deployed in 45+ Countries:

Sustainable Papercast e-paper displays drive ridership, reliability and satisfaction worldwide.

Extended lifespan reduces environmental footprint and maximises ROI.



The integration of real-time passenger information systems along with eco-friendly e-paper technology, is a valuable step towards achieving sustainable urban mobility.

