ePaper for Universities

A sign of sustainability.

E ink®

Solar-powered ePaper campus signage.

The look of paper. The efficiency of instant updates.

Today's universities are leading the charge to take action on climate change, making sustainability a core priority. At the same time, they're seeking out new technologies to improve efficiency as they educate a new generation of leaders. Many technologies, however, are power-hungry, requiring electricity that's still largely generated from burning fossil fuels. How can schools achieve both goals at once?

Signage made with E Ink ePaper screens combine the best of two worlds: Digital for instant updates, yet fully sustainable with ultra-low power consumption. No grid connection or trenching is required, allowing universities to cost-effectively locate digital displays wherever students gather, from the quad to bus stops and beyond.

This solar-powered bus shelter incorporates an E Ink ePaper display that takes the guesswork out of bus arrival times.

Photo courtesy Engoplanet

Photo courtesy Mercury Innovation

Ideal for the real-time display of:

- Real-time bus stop arrival updates

- Wayfinding

- Campus news/events

- Safety messages

*"They're a very visible symbol of a university's sustainability commitment."*

Chris Garza, VP Business Development, Engoplanet

Photo courtesy Connectpoint

Improving shuttle bus rider satisfaction in real-time.

Many universities have grown beyond single centralized campuses into sprawling complexes miles apart, making efficient shuttle bus systems essential. But getting students to actually ride the buses is a challenge. Studies have shown that providing bus stop amenities, like real-time arrival information, increases satisfaction and reduces perceived wait times.[1] Building ePaper signage into the bus stop experience provides an easy way to get more students on board.
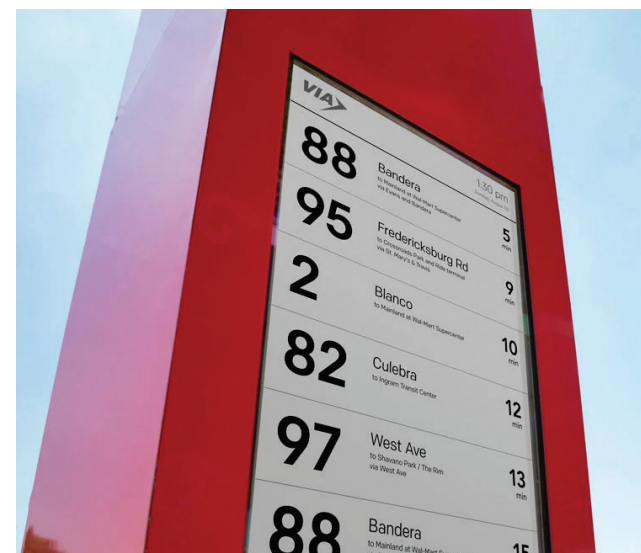
The alternative to printing on dead trees.

Despite digitization trends, universities still use large amounts of paper. While recycling is widespread, the recycling process is carbon-intensive and wasteful, requiring transport, manufacturing and large amounts of water. It turns out the most sustainable way to use paper is not to use it at all.

1. Transportation Research Interdisciplinary Perspectives

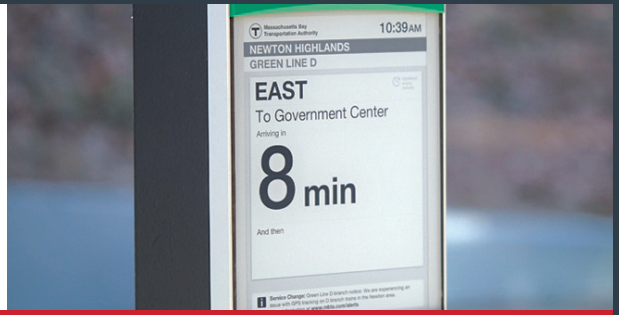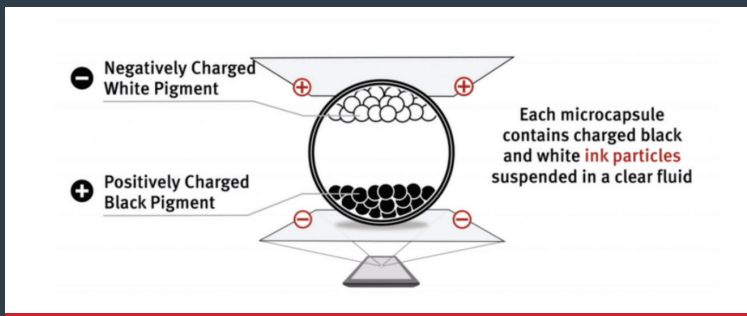Traditional paper vs ePaper.

Photo courtesy GDS

E Ink. We make surfaces smart and green.™

Instead of paper going into a recycling bin or landfill after use, digital ink particles within a thin film layer are automatically recycled to form new words and images when the screen refreshes. In addition, E Ink screens require approximately 99 percent less power to operate than LCD/LED screens, and zero power is required to display a static image.

Key Benefits

- Simple and low-cost installation

- Ultra-low power consumption

- Grid independent

- Efficient dissemination of real-time information

- Readable in bright sunlight, just like paper

- Broadcast updates with centralized database via Wi-Fi

- Improves shuttle bus rider experience

- Lowers long-term cost of ownership

- Proven long-term operation in extreme temperatures around the world

- Rugged and vandal-resistant construction

Contact E Ink to learn more. Eink.com

![E Ink logo]