

THIS WEEK IN "LITTERLAND"

litterpreventionprogram.com

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Introducing: A cigarette butt calculator

Bogna Haponiuk, a civil engineering student in Warsaw, has invented a calculator that breaks down the benefits of picking up litter. By inputting details about the size of the crew, cleanup area and hours of work, her invention will calculate how much ocean water was saved from pollution and how much plastic by weight avoided entering the water. The inventor drew her inspiration from a Victoria, BC program she read about that [paid cash for butts](#).

Keep America Beautiful embarks on national plogging partnership

Dart Container Corporation has moved to support Keep America Beautiful's "plogging" events across the USA. Plogging, a word born in Sweden to describe picking up litter while jogging, is a trend KAB wants to popularize. Dart will be the title sponsor for events such as KAB's trademarked "Trash Dash". The company will be supplying litter grabbers to all registered participants and grants to various community plogging initiatives.

Spiders key to replacing plastic

A material using birch tree wood pulp mixed with replicated spider silk DNA is being designed to replace plastic someday. Researchers at Finland's Aalto University and the Finnish VTT Technical Research Centre created spider web silk in a lab, and did not need real spiders to make the new product. The silk serves as an adhesive.

São Paulo, the 'navigable city'

Latin America's biggest indoor boat show in São Paulo, Brazil until September 24 will be steering people away from littering waterways, as it embraces the theme "The Navigable City" for the fourth time since 2011. The São Paulo Boat Show stages events to illustrate the level of litter choking the city's rivers like the Tietê River. On September 12, two boat tours on the Pinheiros River took passengers on a "navigation experience" amid the trash to spur momentum for a massive cleanup.

DID YOU KNOW?

Anglesey Council in North Wales will be [discouraging the release](#) of sky lanterns and balloons, a practice coined as "sky tipping" by Friends of the Isle of Anglesey Coastal Path. The environmental group retrieved 879 of them in a recent cleanup of the countryside - a choking hazard to birds and animals.

Break-up of fine collected

Solid waste management violation ₹1.97 lakh	Plastic ban violation ₹2.65 lakh	Miscellaneous ₹11,430	Total penalty levied ₹4.74 lakh
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Penalties for offences

Offence	First offence	Subsequent offence
1. Littering, spitting, urinating, open defecation	₹200	₹1,000
2. Failure to segregate dry waste and hand over the same		
■ For domestic occupier	₹200	₹1,000
■ Any bulk generator or commercial complex	₹1,000	₹5,000
■ Failure to segregate and hand over garden waste, sanitary waste, biomedical waste or non-biodegradable waste	₹1000	₹5,000
3. Irregular deposit on solid waste	₹200	₹1,000
4. Depositing carcasses of animals or filth in an improper place	₹200	₹1,000
5. Dumping of construction debris	₹5,000	₹25,000

Above, signs for all to see in Greater Bangalore announce the amount of money collected in littering fines and list penalties for the various offences associated with littering. Indian PM Narendra Modi campaigned on the idea of a cleaner India.

NOTICE TO READERS: 'LITTERLAND' IS EMBARKING ON A MORE OCCASIONAL PUBLISHING SCHEDULE FOR A WHILE. IN MOVING TO A MORE FLEXIBLE TIMETABLE, THERE WILL BE NO EDITIONS ON SEP 29 AND OCT 13.

HEADLINE LITTER GRABBERS (SEP 15 - 22)

Some of what made our News Reel this week

Pennsylvania survey free for the taking (9/19)

An [online survey](#) probing the people of Pennsylvania's attitudes toward litter was just launched by the state.

Changing domiciles impedes enforcement (9/16)

The main reason why 46 per cent of the littering fines in Ireland's Monahan County went unpaid last year is because people cited had moved and left no forwarding address, an official explained to council.

Grass clippings on roads an issue (9/16)

Watch your mower blower: The sheriff in Grundy County, Tennessee says grass clippings on the road are a type of litter - a slip/skid hazard for motorcyclists.

Railway station entertainment educates (9/19)

In a bid for cleaner stations, India's railway department and a charitable trust teamed up to present 150 private college students in a skit, dance and rally against litter, performing for passengers at Coimbatore Station.

Wigan Council pursues litter-free 2030 goal (9/20)

In the UK the council of Wigan has its sights on being a zero-litter locale by 2030. A plan in the works will center on increased enforcement, reduced collection costs and more public education campaigns to boost awareness.

Ocean Conservancy for World CleanUp Day (9/21)

Check out the Fighting for Trash Free Seas® [website](#).