



एक कदम स्वच्छता की ओर

RAILWAYS BID FOR A SUSTAINABLE ENVIRONMENT

PLASTIC BOTTLE CRUSHER MACHINES (PBCMS)
AT RAILWAY STATIONS

केवल प्लास्टिक के बिल्टन बोतल
डालें
Empty Plastic Bottles only

कृपया कागज, काँच, धातु, प्लास्टिक, काँच, धातु
आदि न डालें
DO NOT insert
Glass/Aluminium/Fin etc.

इच्छित कूपन चुनकर कोशिश करें
Happy Recycling !!
Select the desired coupon, Happy
Recycling !!

Coupon
कूपन चुनकर
कीजिये



PLASTIC WASTE PROBLEM AT RAILWAY STATIONS



PLASTIC IS HAZARDOUS TO ENVIRONMENT

- ◆ Upsets the Food Chain
- ◆ Leads to Pollution (Groundwater, Land, Air)

AROUND 25,940 TONNES OF PLASTIC WASTE IS GENERATED IN INDIA EVERY DAY

- ◆ 40% of plastic waste remains uncollected
- ◆ PET bottles at Railway stations contributes a significant amount of plastic waste



PLASTIC BOTTLES DISCARDED ON PLATFORMS OR RAILS

- ◆ Pollutes Station Premises
- ◆ Attract Rag Pickers and Encourages Illegal Re-use
- ◆ Choke Drains along Tracks

CARRYING PLASTIC BOTTLES TO RECYCLING UNIT IS A LOGISTICS PROBLEM



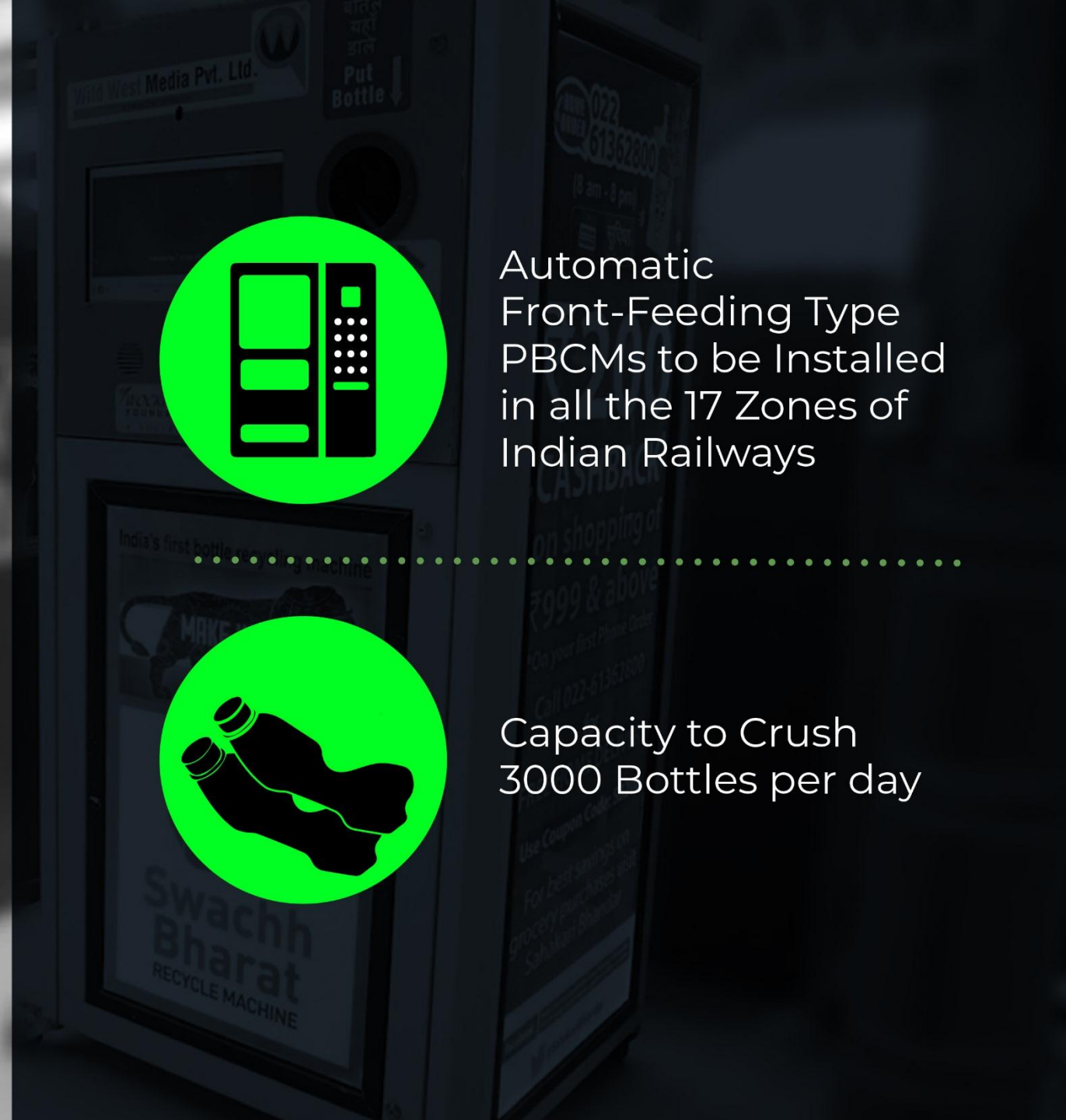
**RAILWAYS
DETERMINED
TO FIGHT
PLASTIC
WASTE
MENACE**



Automatic
Front-Feeding Type
PBCMs to be Installed
in all the 17 Zones of
Indian Railways



Capacity to Crush
3000 Bottles per day



INSTALLATION OF PBCMS AT STATIONS

Railways to Install PBCMs at 2175 Major Stations through CSR funds in Partnership with Corporates

- ▶ Net Estimated Cost of a PBCM would be in the Range of 3.5 - 4.5 lakh (Depending upon the Railway Zones) including Maintenance for 8 Years

Agency to be Contracted for

- ▶ Supply, Installation, Operation and Maintenance of PBCMs till its Life cycle
- ▶ Collect and Dispose off Crushed Bottles

Zonal Railways/IR to provide Space and Electricity for Installation of PBCMs

ADVANTAGES OF INSTALLING PBCMS AT RAILWAY STATIONS

More Waste per trip
can be Carried as PBCMs
will Allow upto 80%
Volume Reduction

Treatment at Source
will Result in Cleaner
Station Premises

Cost Savings
in Disposal of
Waste



Awareness to Users
about ill-effects of
Plastic Waste and
Increase use of
PBCMs

Help in Achieving
Goal of
'Plastic-free'
Country by 2022



CSR PARTNERS TO BENEFIT



Name and Logo of Sponsoring
Companies to be Displayed on PBCMs



Contribution to Larger Mission of
SWACHH BHARAT



Huge Opportunity for Corporates in
Reaching out to a Wider Geography
and Beneficiaries across the Country



Enhanced Business Reputation and
Public Image of the Corporates

THANK YOU

बोटल
यहाँ
डाले
Put
Bottle

Plastic bottle waste is an
enormous, detrimental issue all
over the world



Insert Bottle with
Neck Ups way

Get
Coupon
कूपन प्राप्त
कीजिये

केवल प्लास्टिक के रिक्त बोतल
डालें
Empty Plastic Bottles only

कूपन कात्रा प्लास्टिक के बोतल रिक्त
कार्टन के बस/ अल्युमिनियम के बस/ टिन
डालें न
DO NOT insert
Glass/Aluminium/Tin etc.

इच्छित कूपन रिक्त कात्रा कात्रा
कूपन कात्रा /
Select the desired coupon, Happy
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