



# Trash to Treasure- PCMCs Initiative with waste pickers

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# Structure of Presentation

- PCMCs initiatives with Waste Pickers (KKPKP)
- Impact of PCMC initiatives
- PCMC-SWaCH Model for Door to Door collection of Waste
- Impact of PCMC-SWaCH Model

## PCMC: Initiative with Waste Pickers

### Issue of Identity card to waste pickers in 1995



- Amidst the struggle for formal recognition, PCMC endorsed their recognition by issuing Identity cards to the members of KKPKP in 1995.
- First municipality in the country to officially register (through the KKPKP) and endorse the identity cards of waste-pickers in recognition of their contribution to the Management of urban solid waste.
- This gave legitimacy to their work and the waste that they collect.

PCMC identified that they are a part of the city and help reduce the burden of waste collection to the municipality.

## PCMC: Initiative with Waste Pickers



- Challenges- No access to infrastructure & space limitation for segregation of waste
- PCMC provided deliberation space to start the cooperative store in 1998.
- **Space can not be given free of cost.**
- Solution- the Cooperative store was a **joint venture of PCMC and KKPKP** which helped them to get the space and infrastructure free of cost. to segregate the waste .



## About KKPKP



- KKPKP- Kagad Kach Patra Kashtakari Panchayat is a union which brings together waste pickers, itinerant waste buyers, waste collectors and other informal recyclers Operating in Pune and Pimpri Chinchwad area.
- The union was formed in 1993 due to combined efforts of SNTD adult education development , Mahatma Phule Samata Pratishthan and Dalit Swayamsevak Sangh.
- It is a membership based organization with a nominal membership fee.

# Impact of PCMC initiative

- As a result of PCMCs initiative of providing identity cards, the union got formal recognition in other Urban Local bodies .
- After the PCMCs recognition, GoM issued a notification to other ULBs to register waste pickers and issue identity cards and integrating them into solid waste collection system through their organizations or NGOs.
- With joint venture of PCMC and KKPKP, the waste pickers could recover the waste to a higher degree. Thus increasing their income levels. Some of the waste pickers have got dividends as high as Rs.70,000/ -
- The storage shed and segregation area also prevented the waste pickers from resorting to unhealthy ways of sorting waste .
- Most important impact was formal recognition and much deserved **“Respect”** from the society.



## PCMC-SWaCH Model for Door to Door Collection



## The PCMC-SWaCH Model for Door to Door Collection



**SWaCHCoop** is a wholly owned cooperative of self employed rag pickers /waste collectors and other urban poor.

**SWaCH** is the institutional outcome of the door to door waste collection initiative of the **KKPKP**.

A Contract was signed between **PCMC** and **SWaCH** on 28th October 2010 for primary collection in 2 Prabhags (A and D) of Pimpri Chinchwad Municipal Corporation.



## Important aspects of Agreement

- The contract gave concession to SWaCH to pay the security deposit in installments instead of one time deposit.
- The contract allows SWaCH to collect User fee from the citizens.
- Waste Pickers have been given right to sell the recyclable waste and retain the income from its sale.
- PCMC has given approximately 1200 sq.m. office space and space for segregation and sorting of waste.
- PCMC has given training to drivers of SWaCH.
- 50% of the drivers should be females residing in slums of PCMC area.



## Facilities for the new Cooperative enterprise

**150 Tipper trucks** given through JNNURM fund.

Parking shed with security in two places measuring 4200 sq. feet with service room has been given. The parking area is also provided with washing ramp for vehicles.



## Facilities for the new Cooperative enterprise

**3 Sorting Sheds** with other facilities like water connection, electricity connection, and toilets. The average area of sorting sheds is 1200 Sqr.ft. have been given for segregation and sorting of dry recyclable waste. One more shed is in pipeline.






## The New Cooperative begins work

Developing relationship with producers of Producer





# IEC initiative with SWaCH



## पिंपरी चिंचवड महानगरपालिका

### \* जाहीर आवाहन \*

भारत सरकार पर्यावरण विभागाचे घनकचरा (ह्राताळणी व व्यवस्थापन) नियम २००० व महाराष्ट्र नॉन बायोलॉगिकल गार्बेज कंट्रोल ॲक्ट २००६ (महाराष्ट्र अजैविक कचरा नियंत्रक कचरा २००६) या नियमांचे पालन करणे मनपास ज़मप्राप्त आहे. त्याचप्रमाणे पिंपरी चिंचवड महानगरपालिका परिसरातील सर्व नागरिकांनीदेखील या नियमांचे पालन करणे बंधनकारक आहे.

या नियमानुसार परिसरंमध्ये निर्माण होणारा कचरा हा कचरा निर्मितीच्या जागेवरच ओला / सुका असा स्वतंत्ररित्या ठेवतोला असावा. म्हणजेच कचरा निर्माण करणाऱ्या व्यक्तींनीच ओला व सुका कचऱ्याचे अलगकरण करणे बंधनकारक आहे. परिसरातील नागरिकांच्या सुदृढ आवेग्यासाठी स्वच्छता आवश्यक आहे. त्याची अंमलबजावणी प्रत्येक कुटुंबाने स्वतःपासून करावी. तसे न झाल्यास नियमांमध्ये नमूद केल्याप्रमाणे संबंधितांवर कारवाई करण्याचे सर्व अधिकार मनपास देण्यात आलेले आहेत.

पास्तव पिंपरी चिंचवड महानगरपालिकेने 'अ' आणि 'ब' प्रमाणानुषंगे प्रथमतः घरोघरी जाऊन ओला व सुका कचरा गोळा करणाऱ्या कलम कागद, काच, पत्रा, कटकरी पंचायत यांचे स्वच्छ या संस्थेस दिले आहेत. स्वच्छ संस्थेचे सभासद हे महानगरपालिकेचे प्यारी कर्मचारी नाहीत. इमारतीमधील कुटुंबांनी कचरा गोळा करण्याबद्दल स्वच्छ या संस्थेच्या सभासदास त्यांनी दिलेल्या सेवेबाबत त्यांना देखिक म्नेबदला नागरिकांनी द्यावा. लगेच दुकाने, संस्था व इतर व्यापारी अस्थापना यांनीही देखिक मोबदल्याची रक्कम स्वतंत्रपणे देखिक स्वच्छता ठरवून संस्थेस द्यावी.

स्वच्छ या संस्थेद्वारे घरोघरचा दैनंदिन कचरा गोळा करण्याच्या या पर्वारणाभिमुख सेवेचा फायदा नागरिकांनी जल्ल घ्यावा. त्यामुळे शहरातील घनकचरा व्यवस्थापनाची प्रक्रिया अधिक कार्यक्षम होऊन शहर स्वच्छ राहिलेस मदत होईल.



## पिंपरी चिंचवड महानगरपालिका

### कचऱ्याचे वर्गीकरण करा

केंद्र शासनाच्या (घनकचरा व्यवस्थापन व ह्राताळणी) नियम २००० नुसार, नागरिकांनी आपल्या घरात व व्यवसायाच्या ठिकाणी निर्माण ओला कचरा (कुजणारा/सेद्रिय) व सुका कचरा (न कुजणारा/पुनरुत्पादित करता येण्यासारखा) वेगळा करणे आवश्यक आहे.

#### ओला कचरा



ओला कचराचालून घेत वचारा कला किंवा महानगरपालिकेच्या विळण्या संस्था कचरा कुळीत टाका किंवा पत्रा टाक/पाठी पाठी घा.

#### सुका कचरा



सुका कचरा पिंपरी चिंचवड महानगरपालिकेने कापला दिलेल्या कचरा वेगळा हा.

- PCMC initiated Information Education Program in association with SWaCH for segregation of waste at source.
- Solid waste management and handling rules 2000.

## BENEFITS TO SWaCH MEMBERS

- 150 Drivers trained by PCMC and SWaCH.
- Women waste pickers have learnt to drive TATA Ace.
- Average Running per day is **20-25 Km/day**.
- Standby team is 20% of the total strength.
- Livelihood up gradation and income enhancement.



# BENEFITS TO SWaCH MEMBERS

Out of the 150 Drivers trained by PCMC 26 are women.



# Costs and Benefits to PCMC

- Cost of operation of
  - PCMC (with 50% Coverage)- 377 Lakhs
  - SWaCH (with 100% DTD collection)- 330 Lakhs
- PCMC payment to SWaCH is Rs. 781/- for 1650 households which amounts to 0.41 paisa/kg for primary collection. The amount decreases every year to Rs. 648, Rs. 515, Rs.320 and Rs.125 over the next 5 years on the assumption that user fee recovery will increase as the service becomes established and valued.



# BENEFITS TO PCMC

PCMC-SWaCH system promotes source segregation of waste because the members benefit from the segregation and collection of dry waste. SWaCH system is compliant with MSW Rules 2000.


- This model has helped PCMC to achieve a service level of 100% door to door collection of waste in the two wards, improved Collection efficiency . Reduced spillage of waste on roads etc.
- PCMC-SWaCH model is premised on user fee recovery from service users
- PCMC-SWaCH system promotes source segregation of waste because the waste pickers benefit from the segregation and collection of dry waste. SWaCH system is compliant with MSW Rules 2000.
- This has also helped PCMC in achieving the 100% O&M Cost recovery, which is in line with the JnNURM reforms of User charges.



## BENEFITS TO PCMC

SWaCH system promotes source segregation of waste because the members benefit from the segregation and collection of dry waste. SWaCH system is compliant with MSW Rules 2000.





*PCMC- SWaCH is a unique model of social-  
public-private partnership which will go a long  
way in altering the lives of those who keep the  
city clean and livable”*

- Mr. Asheesh Sharma, Commissioner, PCMC

