



Accuracy of municipal solid waste data in Vietnam

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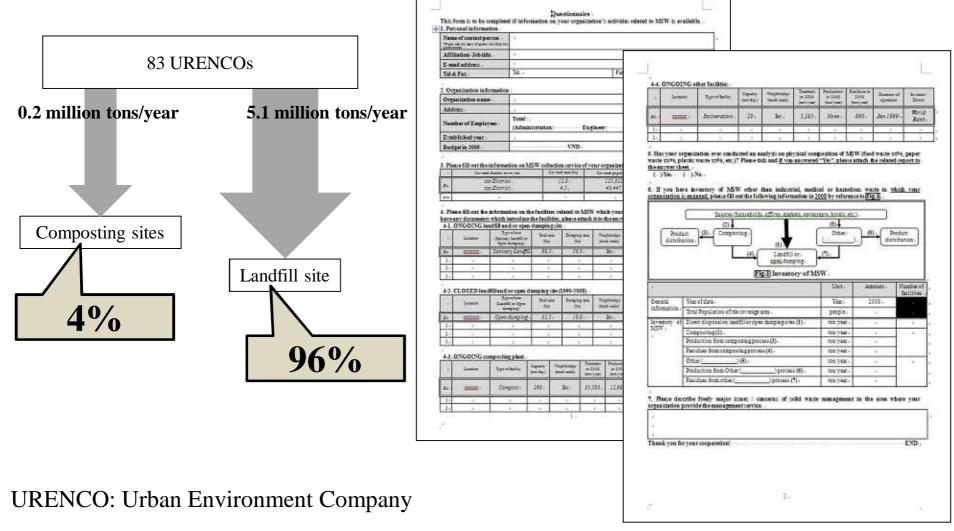


Total MSW flow of 83 URENCOs in 2008

-We distributed the questionnaire on MSW management to 90 URENCOs on November 2009, and 83 URENCOs answered (92%).

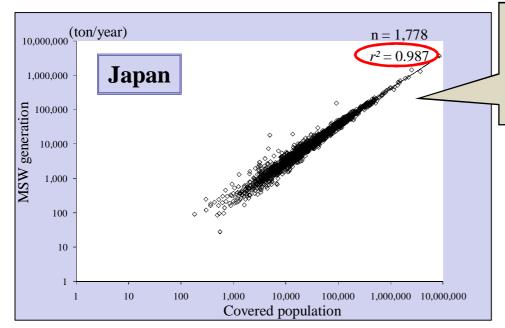
-The 83 URENCOs collected MSW from 18.9 million or 21.9% of total population of Vietnam

(86.2 million).

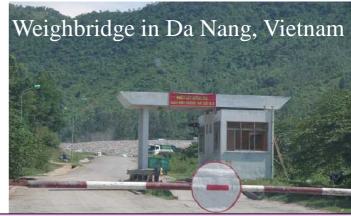


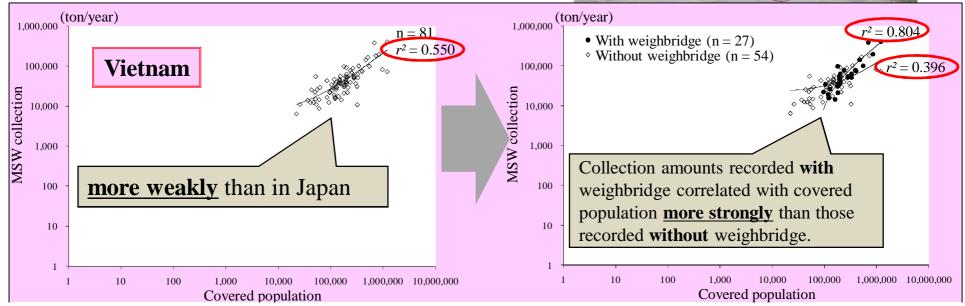


Accuracy of MSW data



The data on the generation amount of MSW and the population in Japan is highly reliable. The generation amount correlated with covered population **quite strongly** in Japan.





Discussion on MSW data

1. Data collection

Stages for MSW data collection

- Stage 1 Local municipalities collect MSW data for managing MSW
- Stage 2 Central governments centralize MSW data from local municipalities
- Stage 3 GHG inventory office utilizes MSW data shared with central governments

2. Data quality

It is no wonder that install of weighbridge improves the accuracy of MSW data.

The URENCOs without weighbridge also reported the collection amount of MSW by weight (ton).

It refers that the URENCOs estimated the weight in one way or another.

The way of estimating the collection amount of MSW in the municipalities which can't afford to install the weighbridge should be improved.