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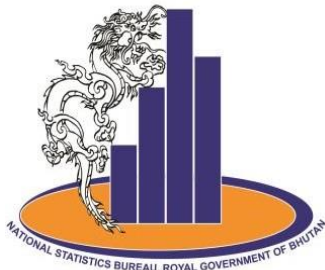
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Towards Supporting Evidence-based Decision Making

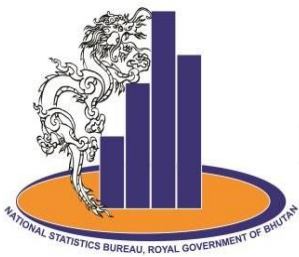


National Waste Inventory Survey 2019

“Nation’s Waste on the Scale”



National Statistics Bureau in collaboration with National Environment Commission



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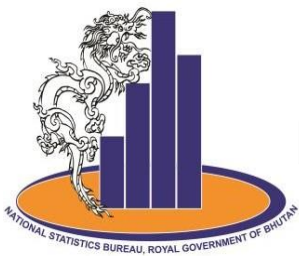
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Why Waste Inventory Survey?

- ✓ Depends on Administrative records maintained by different Municipal Offices;
 - No uniform units
 - Covers only urban areas with municipal waste collection services
- ✓ Municipal Solid Waste survey conducted by MoWHS in 2008.
 - Covered only urban areas (HHs, Commercial units, and Offices
 - Collaborated with NECS to conduct the current survey



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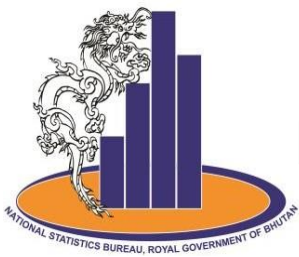
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Objectives of the Survey and use of survey data

- ✓ to provide appropriate waste related data for planning and executing well informed waste management programs and activities.
- ✓ SDG 11 & 12 (development of SDG dash board)



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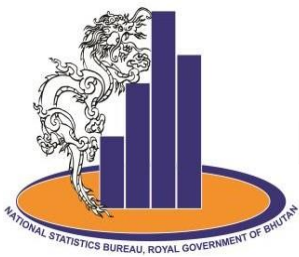
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The survey covered:

- ✓ Households (Residents)
- ✓ Commercial units
- ✓ Industries
- ✓ Health Centres
- ✓ Institutes/offices
- ✓ Vegetable markets
- ✓ Private waste management companies (perception only)



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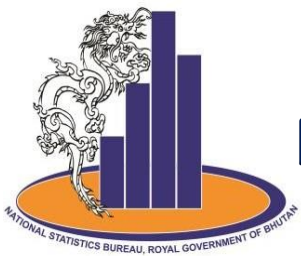
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The survey Findings:

- ❖ The survey adopted two staged methods: Perception and Actual waste collection from the sampling units
- ❖ Total waste generation in the country in a day was 172,153.75 Kilograms
- ❖ The per capita solid waste generation was estimated to be 0.23 kg per day



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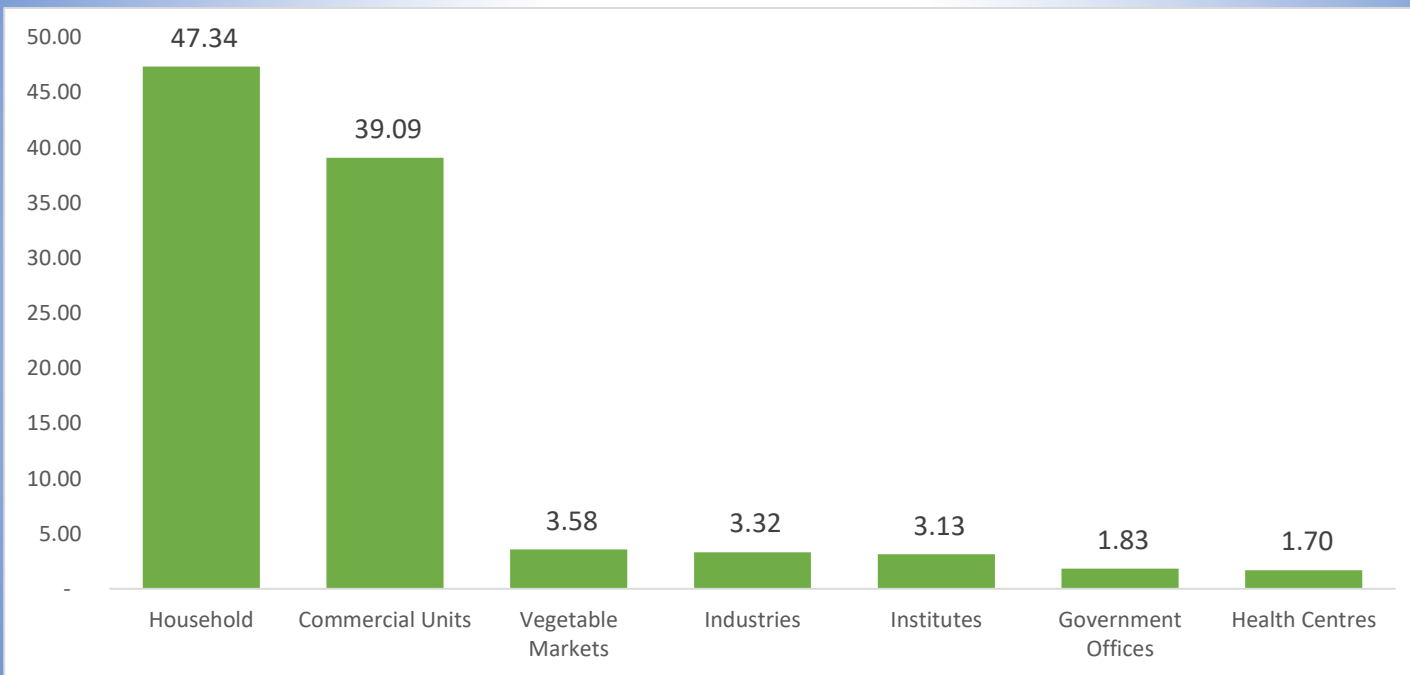
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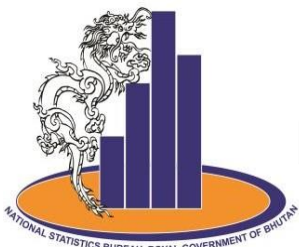
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The survey Findings:

Figure 1: Proportion of wastes from different sectors in percentage





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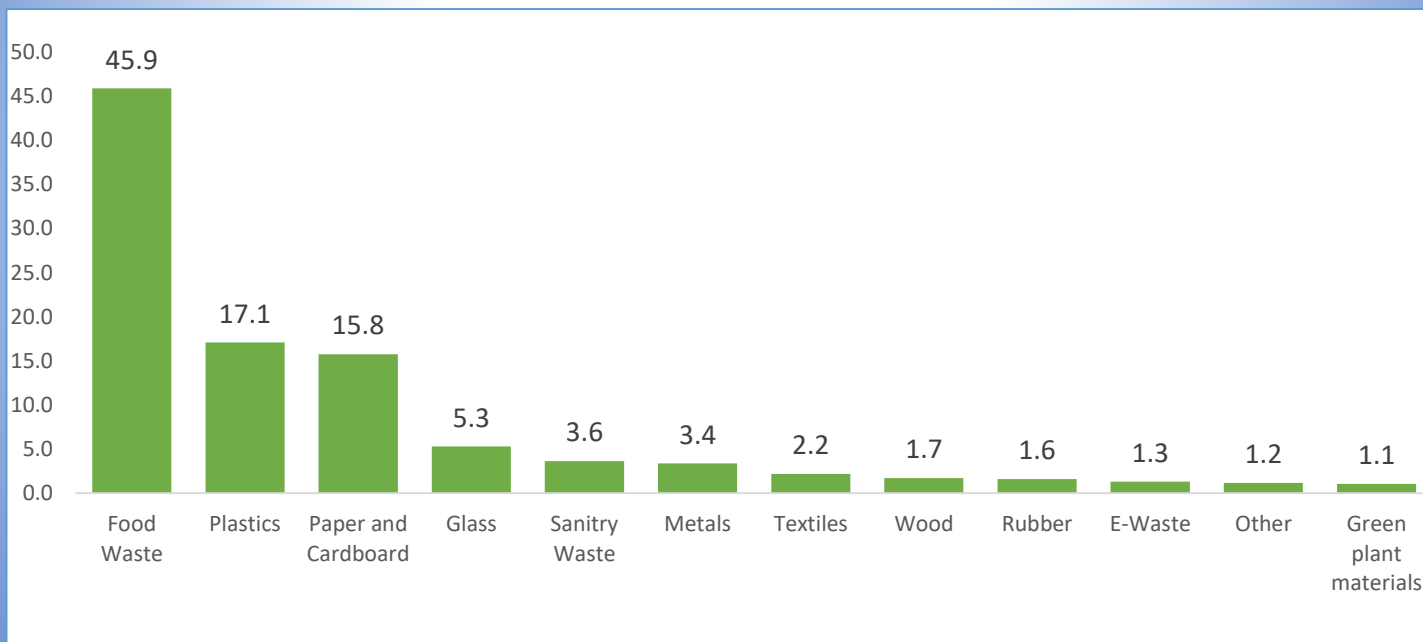
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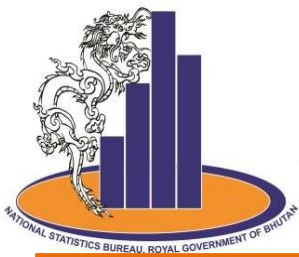
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The survey Findings:

Figure 2: Waste composition in percentage





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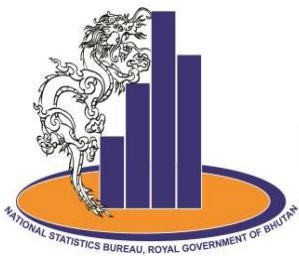
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USE of Survey Data

- ✓ Established composting plant in Areas with more food waste
- ✓ Coming up with SEEA Waste Account
- ✓ NECS initiated the Zero waste Hour and planning to review the waste act (WTP)
- ✓ Government prioritize waste and stray dog management



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Thank You

<http://www.nsb.gov.bt/publication/files/pub5ck9109zd.pdf>