PROPOSAL FOR A HANDBOOK FOR NATIONAL WASTE DATA COLLECTION AND ESTIMATION FOR DEVELOPING COUNTRIES

Session Two : Environment Statistics Data collection and Surveys

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Proposal for a handbook for national waste data collection and estimation for developing countries

Why needed?

- SDG's – increased demand and reporting requirements for basic statistics on waste

- Need to share practices in compilation and dissemination of waste statistics

- Most recommendations are from high income countries, e.g. Eurostat *Guidance on municipal waste data collection.* Little is currently available for other regions

- Countries face difficulties in statistical compilation

  - UNSD/UNEP Questionnaire 2016: 89 countries responses; waste generation – 11-29; national municipal waste management – 19-40 countries (often capital city only); city level municipal waste - ~ 35 countries/76-102 cities

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Gaps in other works

- Methodology sheets of the FDES cover definitions, international recommendations
  - Not intended to provide data collection/analysis guidance
- ECE Task Force - Framework of Waste Statistics
- SDG Handbooks: urban solid waste, hazardous waste, national recycling rate
  - (Proposed) estimation procedure for waste generation
  - Other areas of waste statistics needed, SDG focus is on field level
  - Focus would be on sharing country practices and examples

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Purpose

- Focus on actual country practices used to produce **official statistics**
- Statistical and institutional/coordination aspects
- Sharing good practices – a starting point to potentially develop a compilers manual ….
  - What is good practice? Works well, produces good results, can serve as a model …
- Highlight existing methods, tools, templates for reporting ,etc.
- Aimed at environmental statistician compiling statistics – not the environmental engineer, e.g., municipal waste data from landfill

Coverage

- Good practices as a starting point for some of the most difficult areas
  - Efficiency principle – suitable at low cost with limited resources
- Low/Middle Income country context
- Focus on areas of policy interest / waste areas having high impact on environment
- Select a few key themes, e.g. 10 -15 good practices

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Examples

- Hazardous waste – administrative data sets used, coordination structure and environment statistician's reporting form coordinated with Basel Convention reporting
- Municipal waste – best practice for collecting statistics from landfill authorities: *institutional arrangements, reporting formats etc.*
- Municipal waste collected – aggregation/estimation methods from city to national data
- How is informal waste picking and recycling reported?
- How are levels of illegal dumping estimated?
- Circular economy – prevention, reuse, recycling etc.
- Special waste streams: e-waste reporting
- Waste generated by ISIC activity – estimation methods to transfer raw data to statistics and link to economy (SDG work focuses on municipal waste)
- Use of waste statistics to inform policy change

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Next steps

- Discuss EGES opinion on the general proposal
- Discuss way forward to identify relevant topics and countries for practices