

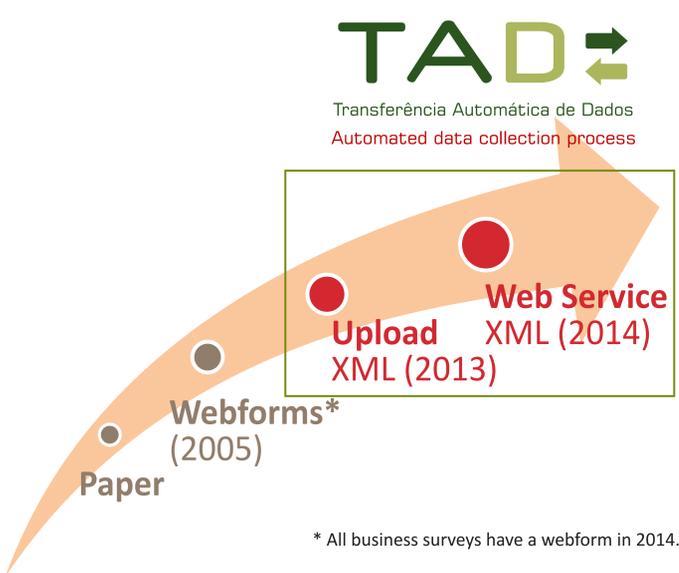
Automated Data Collection Statistics Portugal Experience

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Data collection Evolution



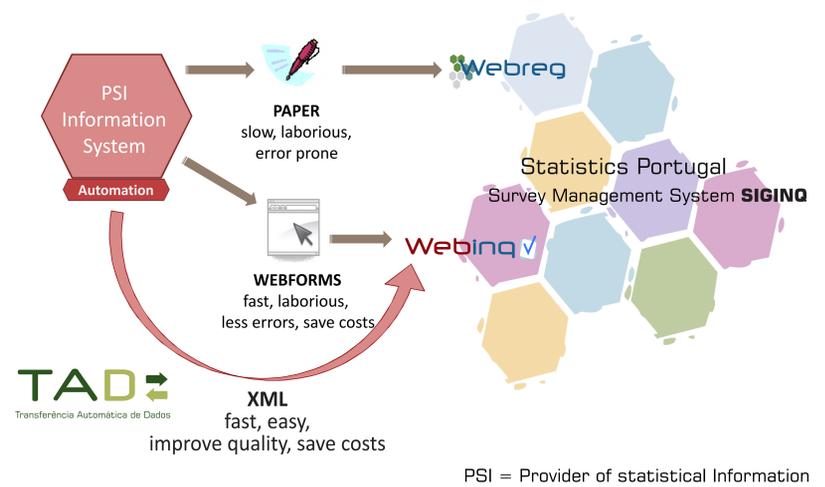
Reasoning and expectations

- Reduce reporting burden.
- Reduce workload of data collection teams.
- Reduce errors on data input.
- Reduce overall operational costs.
- Adopt reusable methods, enabling future use in other domains.

Shared Responsibilities

- Automation is not for everyone.
- Design with the right audience in mind.
- The key is communication and motivation.
- Not recommended for surveys that change frequently.

Workflow Overview



Why XML/XSD?

- Guaranteed future proof.
- Platform independence and easy implementation.
- Support for unlimited complexity while providing reasonable reading.
- Public XSD – early (and easy) basic data validation.
- Simplified XML – easy adoption.

<XML/>

First Experience

- Adopt Automated Data Collection in three surveys.
 - Indicators System of Urban Operations.
 - Labour Cost Index.
 - Survey on camping sites.
- Encouraged by the results achieved, Statistics Portugal plans to extend the use of this method for the remaining business surveys.