



Open Data Literacy Initiative

Waste 2 Resources



Goals

Department of Ecology, State of Washington

- Aid elimination of wastes and toxic substances
- Promote ecologically responsible information practices
- Devise innovative ways to strategically communicate and display data

Information Problem

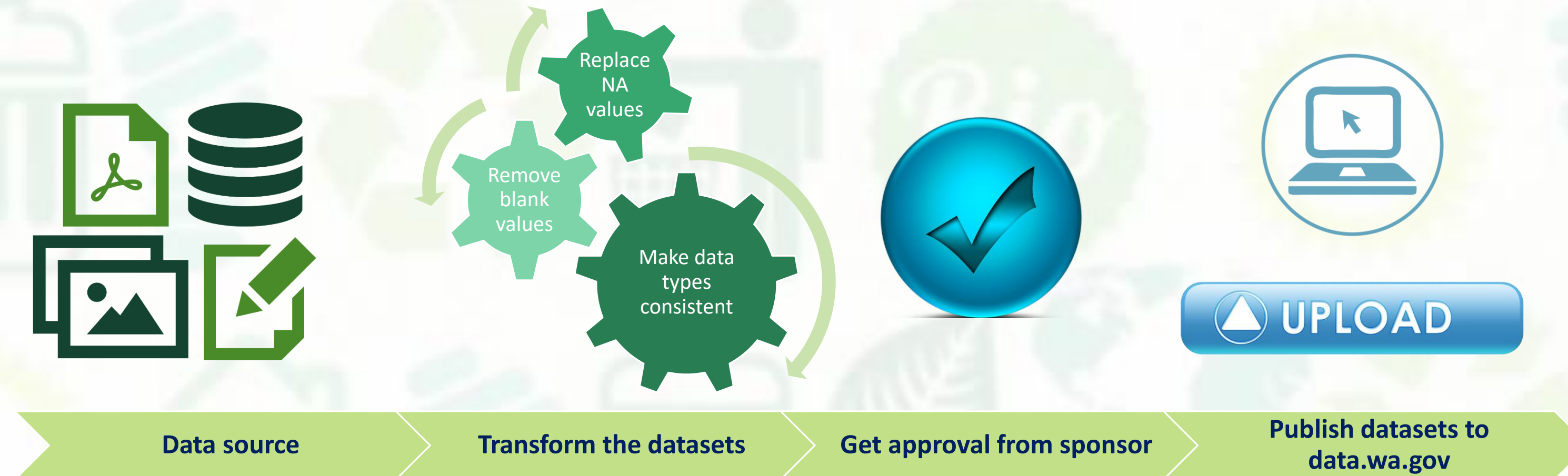
Beyond Waste Progress Report comprises of 18 indicators in 2 categories

- Solid waste
- Hazardous waste

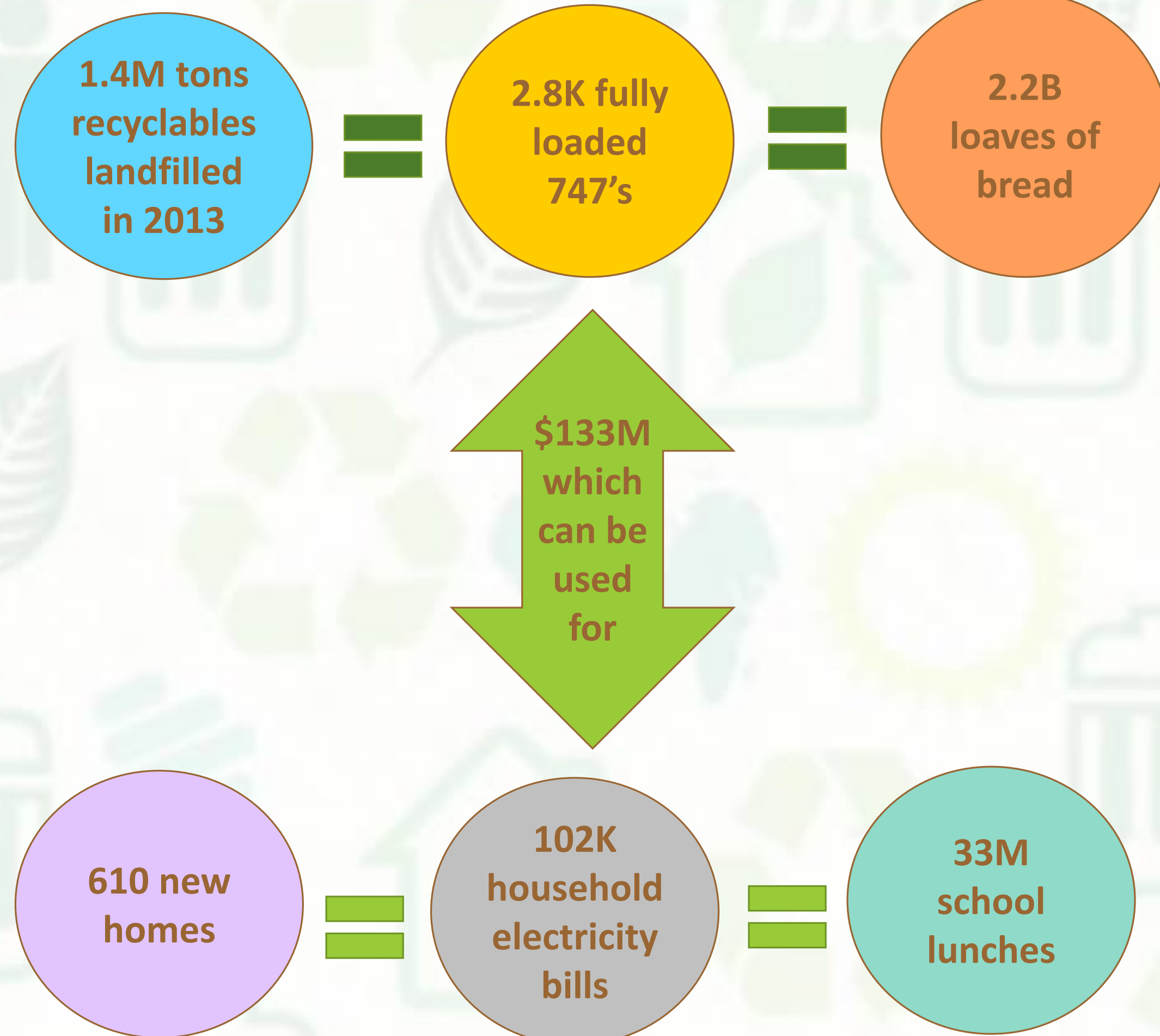
Ecology website visualizations suffer from

- No interactivity
- Reduced data visibility
- No filtering capacity
- Stale data
- Less appealing aesthetics

Steps

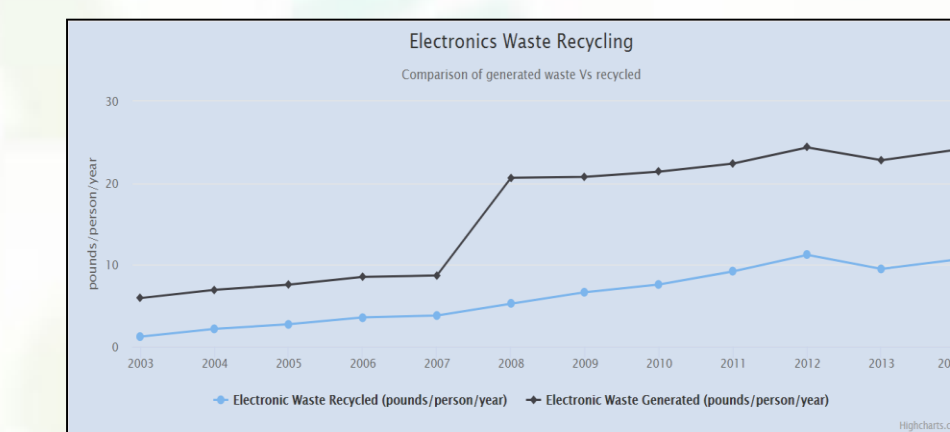


Recycling



Social Impact

- Easy Data Accessibility for general public
- Increased public awareness about WA Department of Ecology's initiatives
- Actionable insights for government employees
- Continued allotment of funding for environment protection and conservation projects
- Generation of Economic Opportunity



Solution

Data accessibility to the needed data

Interactive visualizations using HighCharts that addresses the problems by enabling

- Availability of current & up-to-date data
- Improved Aesthetics
- Enhanced Filtering capacity
- Tooltips for user interactions
- Increased data visibility by uploading detailed datasets

