

Data Aggregation Project NWDSN 2005 Project Tasks

Direction

Refractions Research Inc. (Refractions) has developed a data translation workflow (FME, ArcView and Visual Basic scripts) that converts data from several NWDSN stakeholders (in Shapefile and IGDS) into equivalent files with a common format (XML:GML), schema and projection. Standardized stakeholder files were also merged into a single common format file for each submission type:

- Blocks Disturbances
- Blocks Openings
- Blocks Silvicultural
- Roads
- Hydrographic Polygons ¹
- Hydrographic Lines ²

The common format for the translated stakeholder files, and by inheritance the merged file, was somewhat arbitrary during previous development efforts.

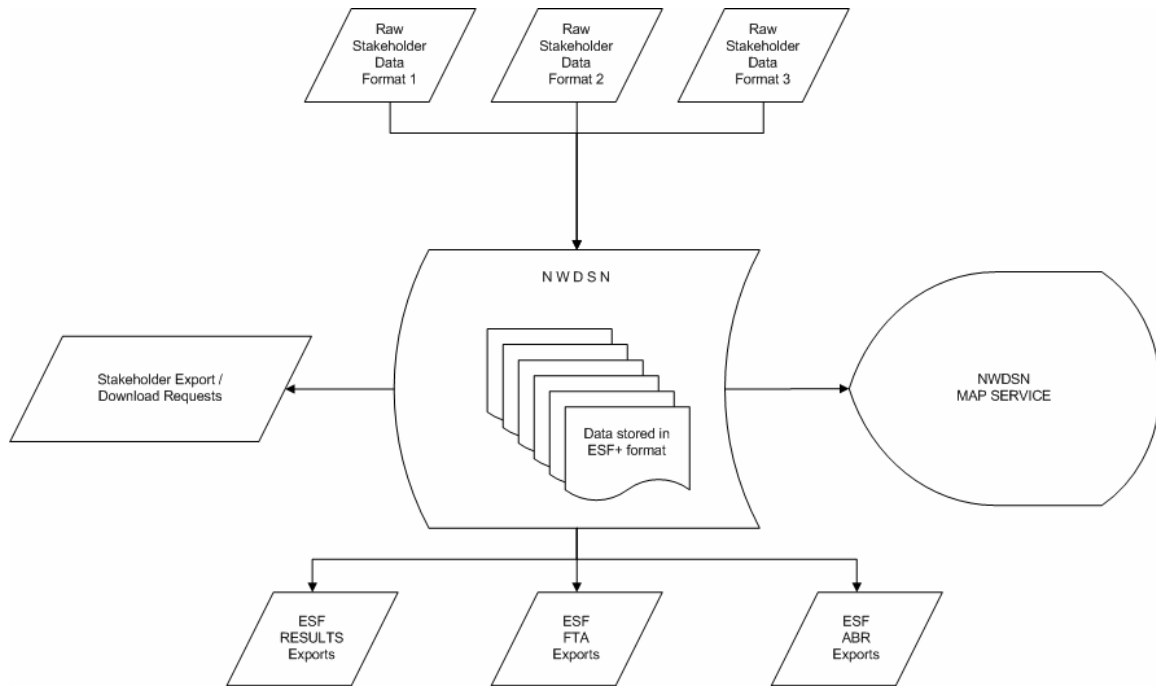
The NWDSN technical committee has recently finalized a schema (ESF+) and format (Shapefile) for their standardized stakeholder and merged files. Refractions needs to adjust their current translation workflow to be able to convert existing and updated stakeholder data into the ESF+/Shapefile format.

Because the NWDSN is looking towards automating the process of uploading, translating and validating, and aggregating stakeholder data in a PHP environment, the existing use of ArcView and Visual Basic in the workflow is inappropriate. Refractions will adjust the workflow to use FME exclusively to manipulate data.

¹ Not used in 2003-2004 submissions

² Not used in 2003-2004 submissions

NWDSN Data Workflow



(a larger version of the diagram is attached)