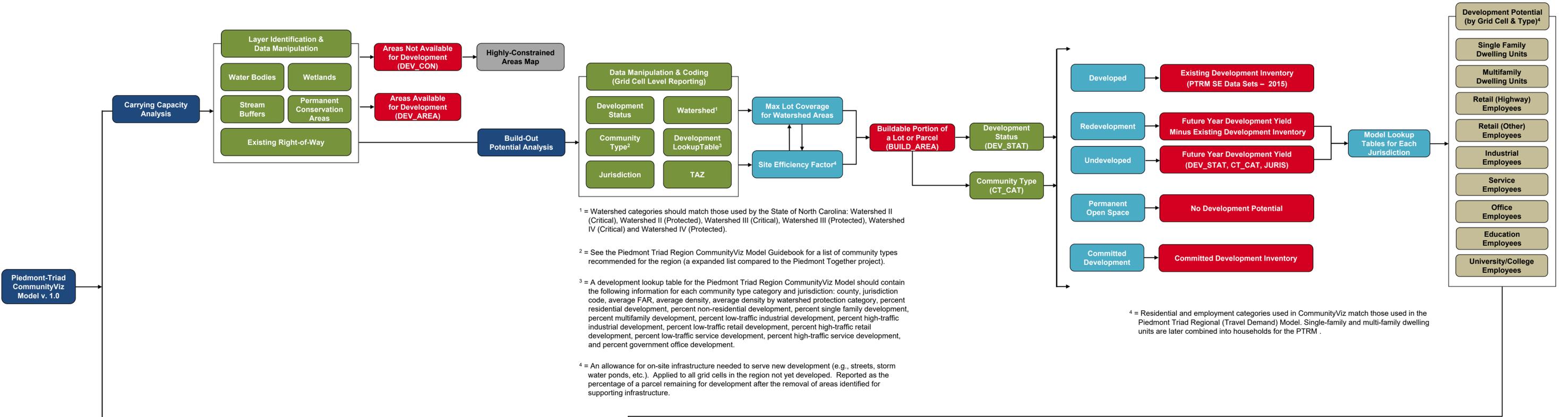


Piedmont Triad Region CommunityViz Model Initiative



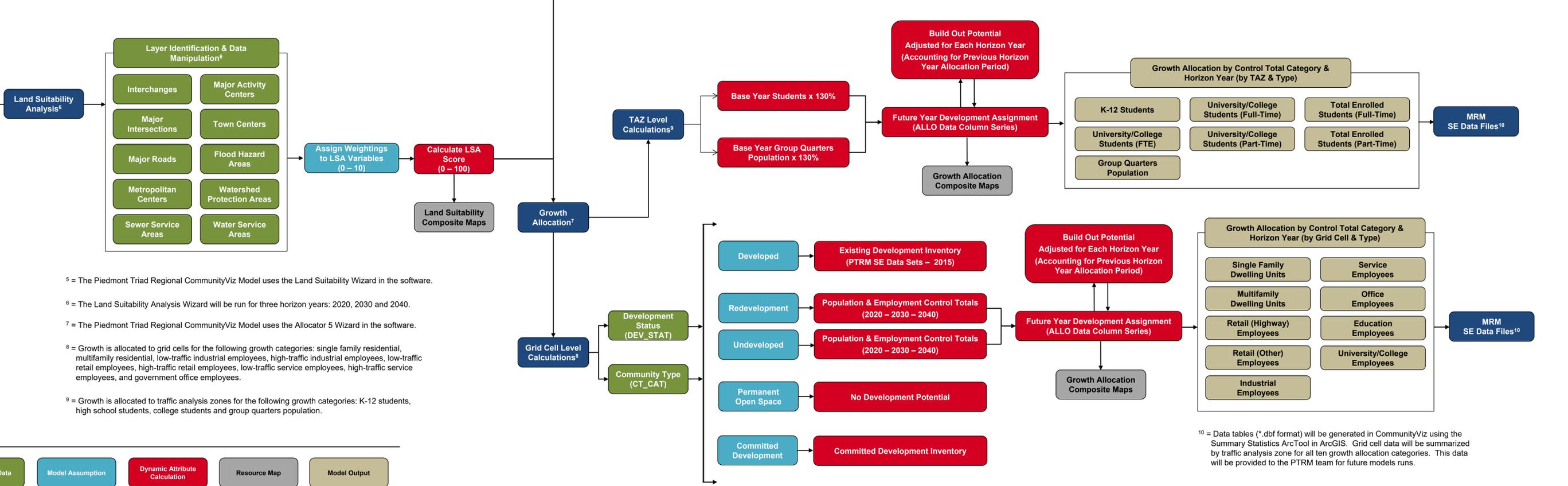
¹ = Watershed categories should match those used by the State of North Carolina: Watershed II (Critical), Watershed II (Protected), Watershed III (Critical), Watershed III (Protected), Watershed IV (Critical) and Watershed IV (Protected).

² = See the Piedmont Triad Region CommunityViz Model Guidebook for a list of community types recommended for the region (a expanded list compared to the Piedmont Together project).

³ = A development lookup table for the Piedmont Triad Region CommunityViz Model should contain the following information for each community type category and jurisdiction: county, jurisdiction code, average FAR, average density, average density by watershed protection category, percent residential development, percent non-residential development, percent single family development, percent multifamily development, percent low-traffic industrial development, percent high-traffic industrial development, percent low-traffic retail development, percent high-traffic retail development, percent low-traffic service development, percent high-traffic service development, and percent government office development.

⁴ = An allowance for on-site infrastructure needed to serve new development (e.g., streets, storm water ponds, etc.). Applied to all grid cells in the region not yet developed. Reported as the percentage of a parcel remaining for development after the removal of areas identified for supporting infrastructure.

⁴ = Residential and employment categories used in CommunityViz match those used in the Piedmont Triad Regional (Travel Demand) Model. Single-family and multi-family dwelling units are later combined into households for the PTRM .



⁵ = The Piedmont Triad Regional CommunityViz Model uses the Land Suitability Wizard in the software.

⁶ = The Land Suitability Analysis Wizard will be run for three horizon years: 2020, 2030 and 2040.

⁷ = The Piedmont Triad Regional CommunityViz Model uses the Allocator 5 Wizard in the software.

⁸ = Growth is allocated to grid cells for the following growth categories: single family residential, multifamily residential, low-traffic industrial employees, high-traffic industrial employees, low-traffic retail employees, high-traffic retail employees, low-traffic service employees, high-traffic service employees, and government office employees.

⁹ = Growth is allocated to traffic analysis zones for the following growth categories: K-12 students, high school students, college students and group quarters population.

¹⁰ = Data tables (*.dbf format) will be generated in CommunityViz using the Summary Statistics ArcTool in ArcGIS. Grid cell data will be summarized by traffic analysis zone for all ten growth allocation categories. This data will be provided to the PTRM team for future models runs.

Legend

