

## Wizard

How have the population demographics changed? In which areas have the property portfolios experienced strong growth? What kind of potential does a given area have for increased density?

These types of questions are important to decision makers when setting long-term strategies and for determining if goals have been achieved. The work involved in preparing such documents is very intensive and time consuming and usually of a recurring nature, being required periodically.

SEILER & SEILER develops GIS-based wizards that address these needs. The user simply has to enter certain variables, that could have an influence on the analysis, in the search fields of a template and the calculations are carried out automatically. The GIS Wizard frees up time for a more detailed analysis of the results.



Many individual steps were carried out manually every time the report was required

The Wizard replaces these time intensive and complex processes, leaving more time for the analysis of the results

- Automated process – The wizard requests the input of the variables and explains their impact on the outcome. The required calculations are carried out automatically. All variables can be modified by the user at any time in the wizard.
- Transparency of results – The wizard guarantees consistent results and saves the output for the selected variables in the result. Mistakes are minimized.
- The wizard is ideally suited for periodic reports like capacity calculations or spatial monitoring.
- Process documentation – the knowledge underlying the calculation process is contained within the wizard, making it easier for other users to reproduce and therefore avoiding key person dependencies.
- Depending on the complexity of the calculation, an end user without GIS access can still change the variables by using an excel document that contains the intermediate results of the wizard. This way, the user can see how a change in the variables can influence the result.
- The wizards are developed specifically for ArcGIS platforms and are based on the arc python scripting language.