MRDB at IGN Belgium

In 2007, IGN Belgium designed a new central database for the data at scale 1:10K and 1:50K. The feature catalog, selection criteria and technical specifications were completely rewritten. The dataloading ended in 2009, then the 3 years update cycle for roads and buildings was completed. The other themes were supposed to be updated in 6 years, but the available resources will not be sufficient to do so. A simplification of the data model is underway, based on the customer needs. The new model, update processes and organization will be more product and resource driven.

The 1:10K updates are propagated to the 1:50K data, but the level of automation for this process is not as high as planned for different reasons such as the difficulty to create and maintain an explicit link between the corresponding objects at both scales and the delay in the development of generalization tools.

However, the largest scale data at IGN Belgium, 1:10K and 1:50K data, are now being managed in a single and spatially continuous database and updated in the same production line, which was the aim of the project. Updated data will soon be published through a web service displaying maps at 10 levels of resolution. Symbols are chosen to make the steps as smooth as possible.