



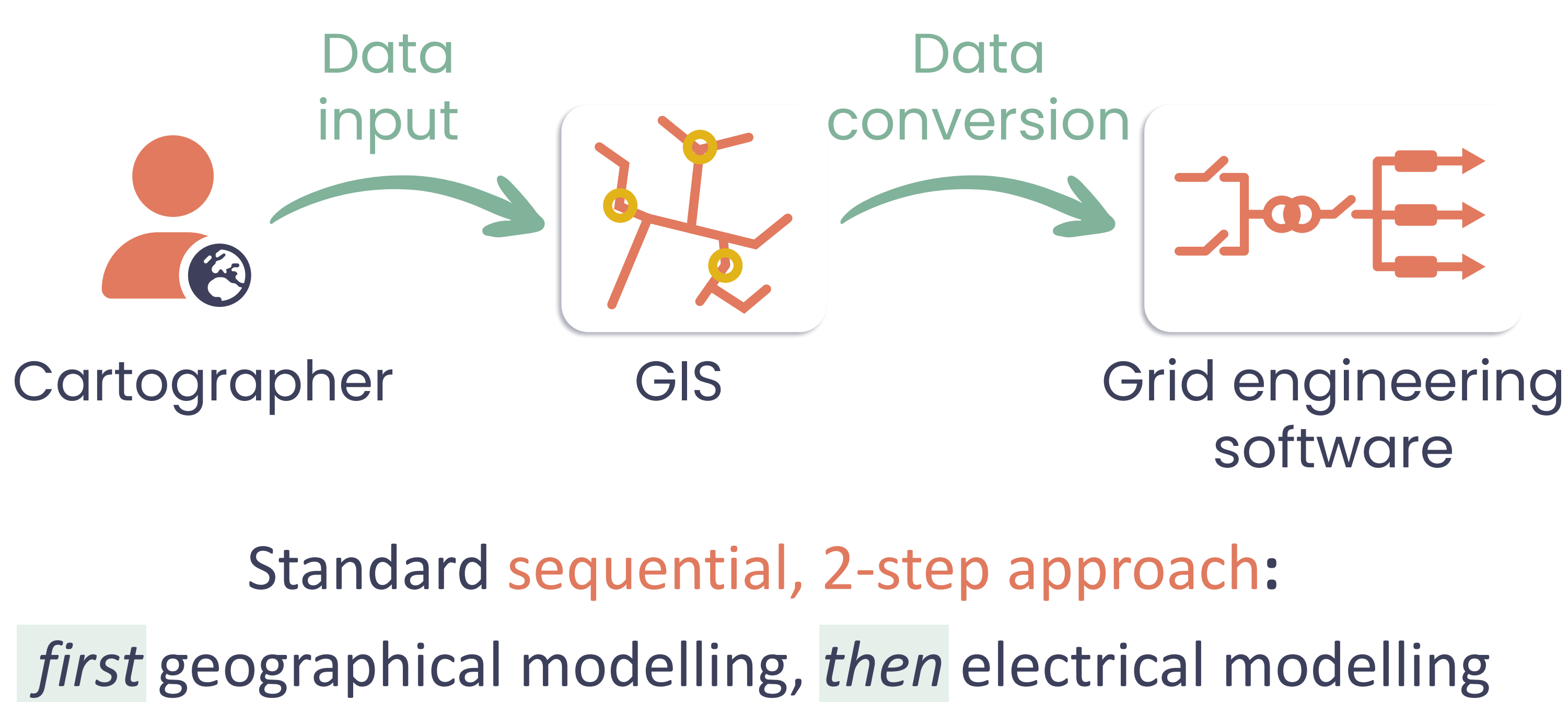
# 10520 - Bridging The Gap From Geographical To Electrical Modelling

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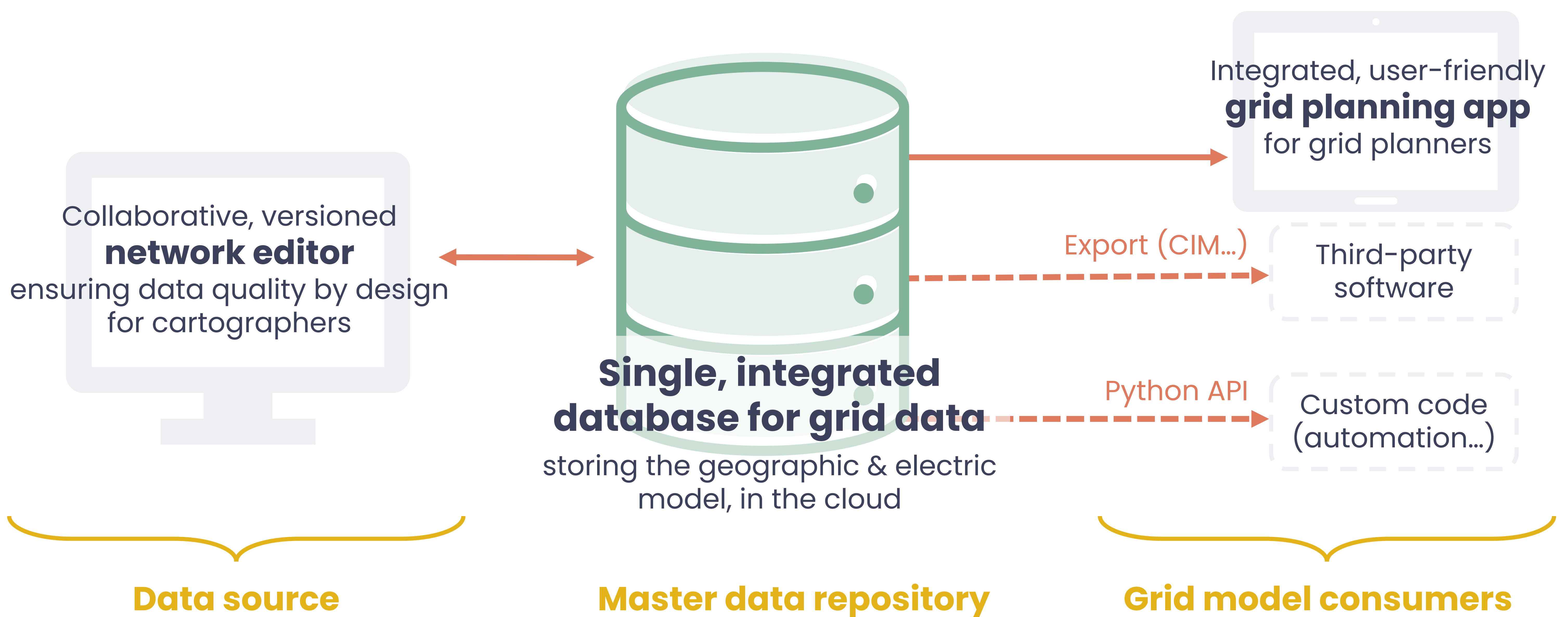
## The need for integrated grid modelling



### Main issues:

- Exporting the GIS data is challenging because **modelling errors are caught after-the-fact**
- Small DSOs would rather use a **single, simple, integrated app oriented toward grid planning** (not so much grid engineering)
- Limited **version control and collaboration**

## Proposed approach



### Benefits:

- Brings the **benefits of electrical modelling** (power flow analysis, etc) to **local DSOs, at low complexity**
- Openness / interoperability / extensibility** through standard languages (Python) and formats (CIM)
- Support for **version control and collaboration**

