



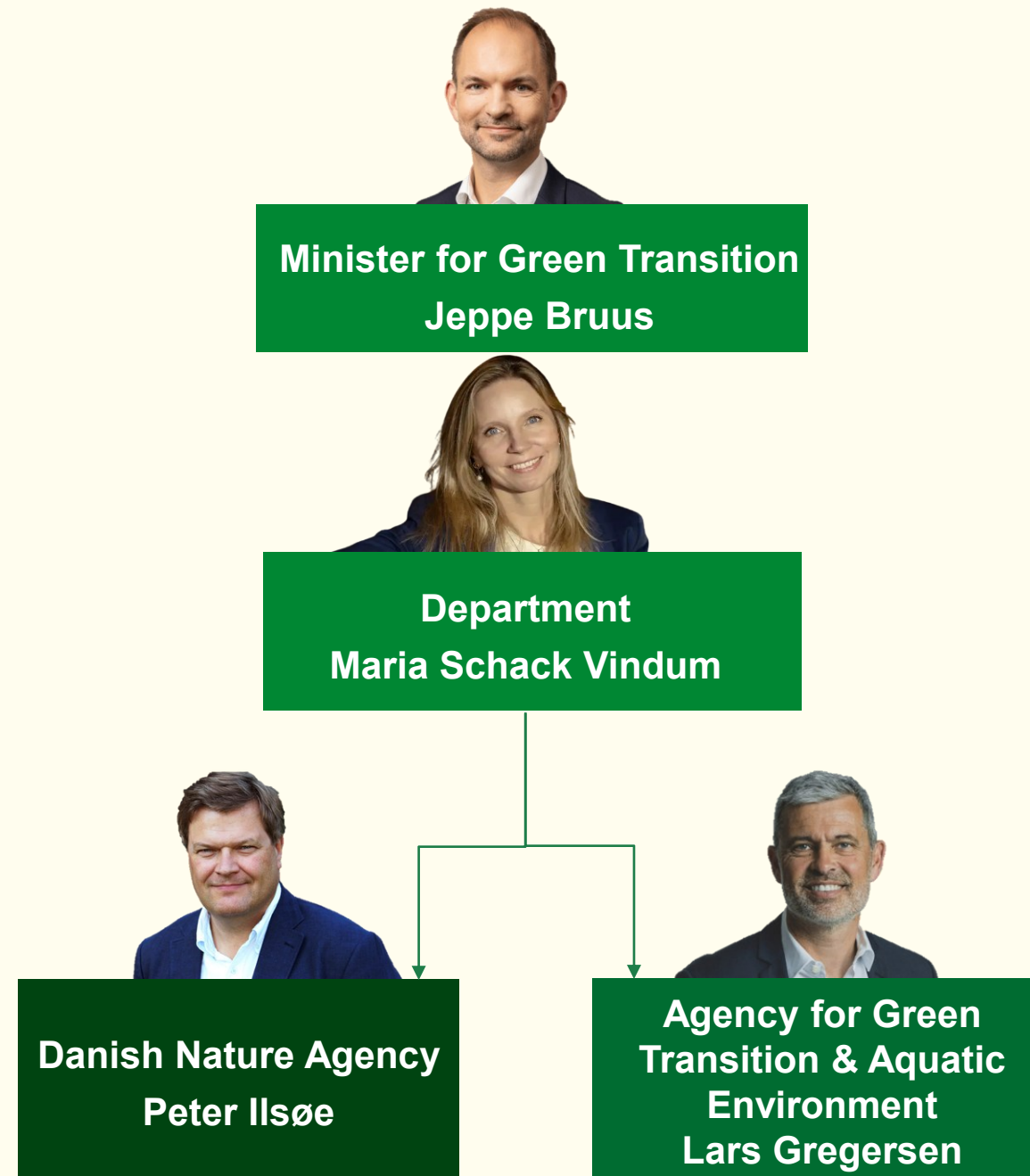
Styrelsen for Grøn
Arealomlægning og Vandmiljø

Digital Area Management in Denmark

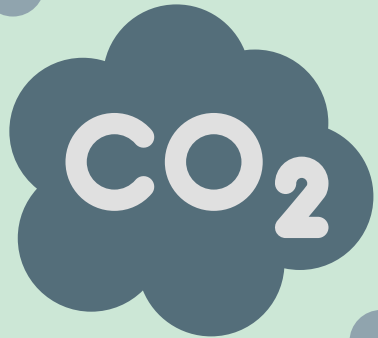
21. april 2026

Ministry of Green Transition

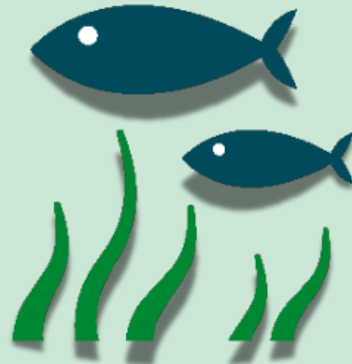
- Agency for Green Transition & Aquatic Environment is part of the Danish Ministry of Green Transition established in 2024
- A historical ministry established with a specific goal: Implementation of Agreement of a Green Denmark
- Our role is to implement political ambitions for the green transition and to regulate and develop Danish agriculture in line with political objectives



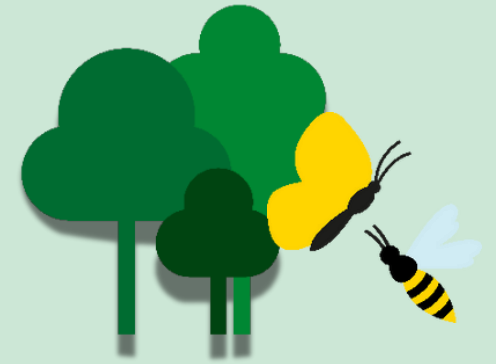
The current major challenges



**Climate
change**



**Aquatic environment
under pressure**



**Loss of nature and
biodiversity**



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Supporting a Green Transition with Geospatial Data Science

21. april 2026

Current ML-driven Maps



Algal Bloom Mapping



Forest Mapping



Habitat Nature Mapping



Agricultural Oversight

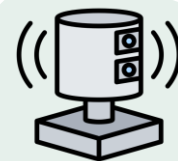
Data Sources



Sentinel-2



Orthophotos

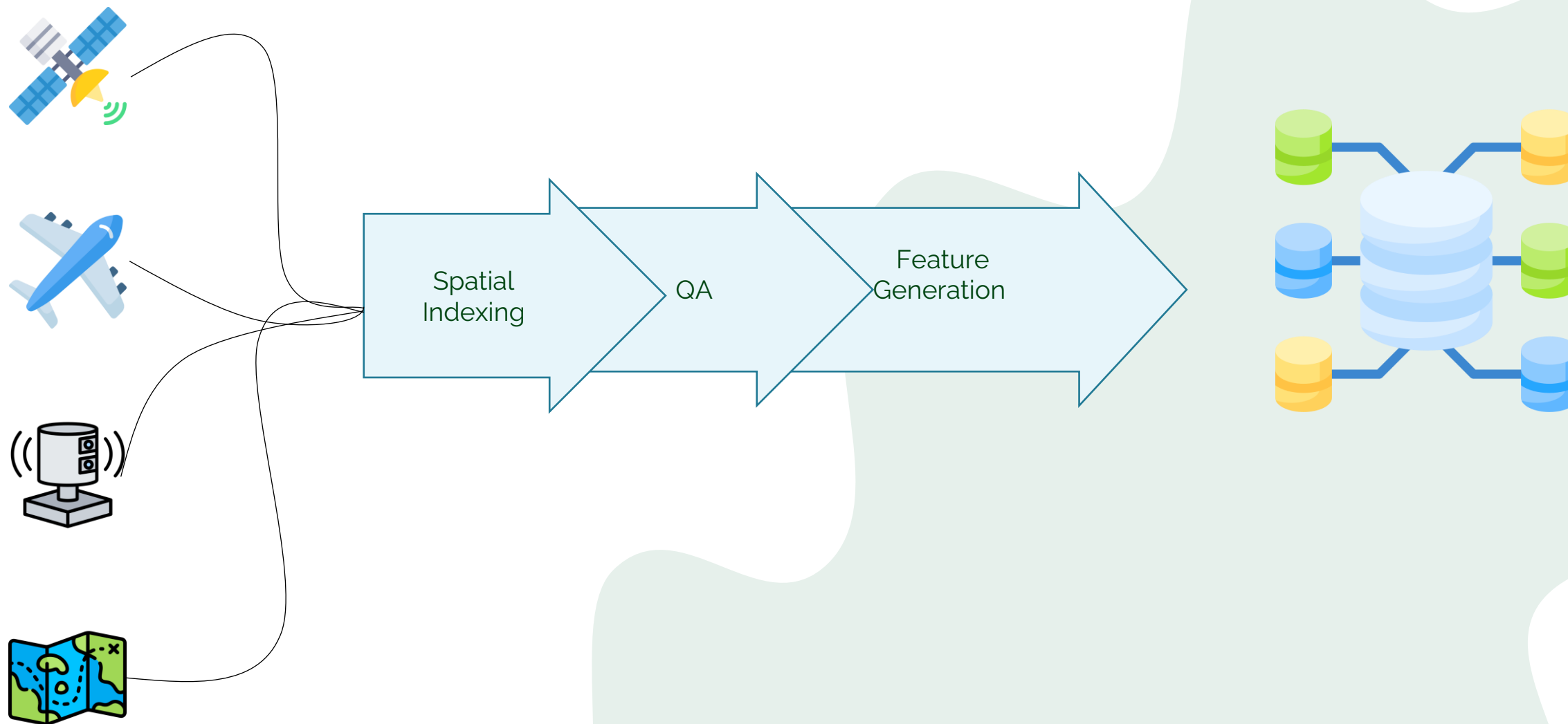


Airborne LiDAR

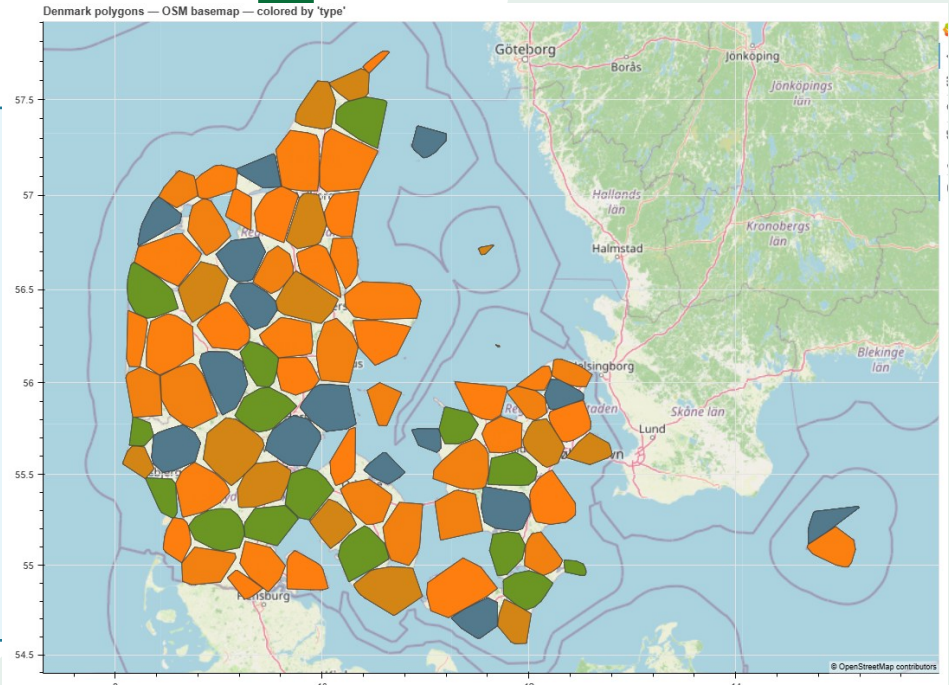
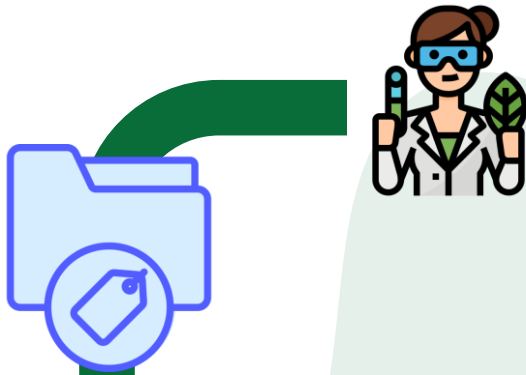
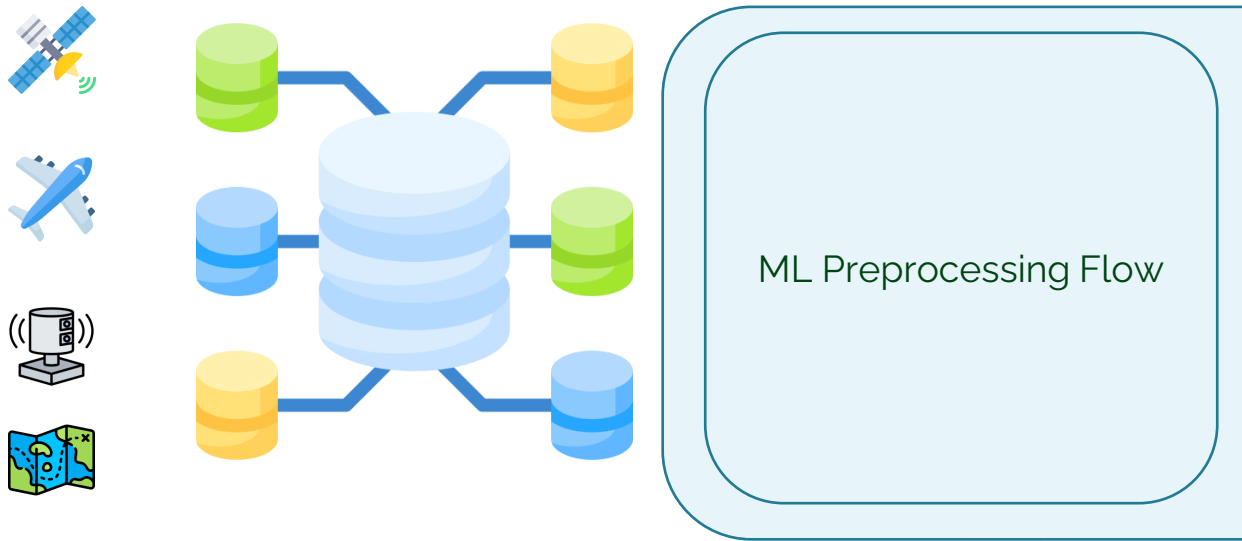


Cadastral data, LPIS,
DEM, soil type, ground water
measurements etc.

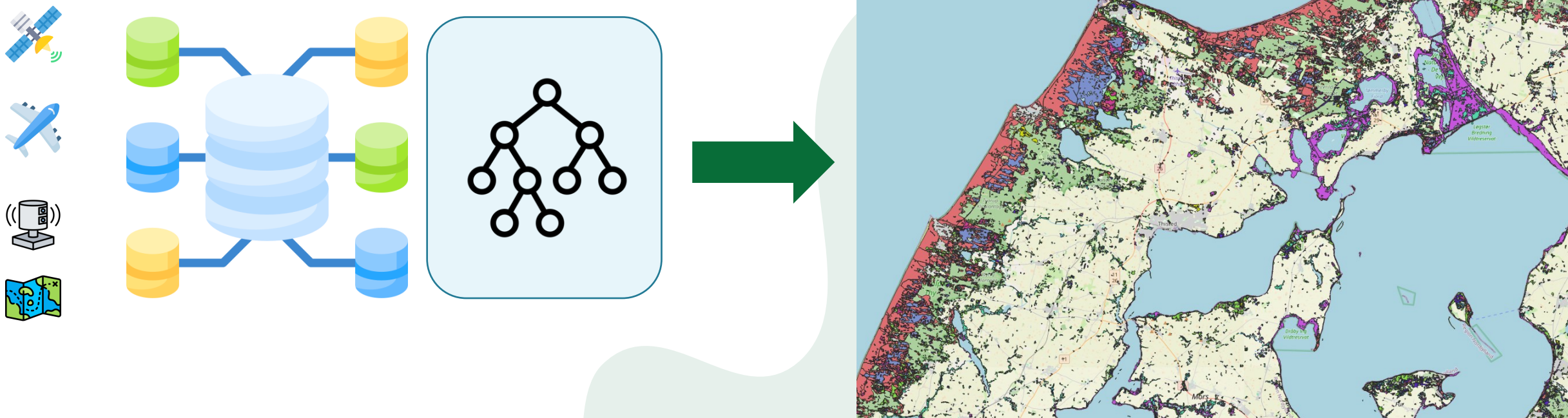
Preprocessing



Preprocessing



Preprocessing



*Images from flaticon.com



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Questions?

Contact: festo@sgav.dk or toaln@sgav.dk