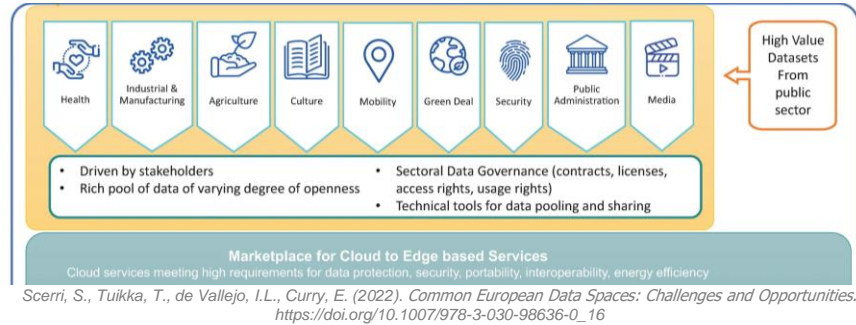
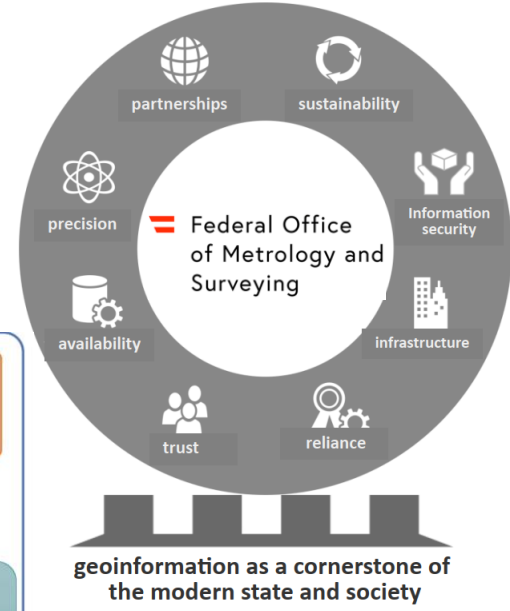
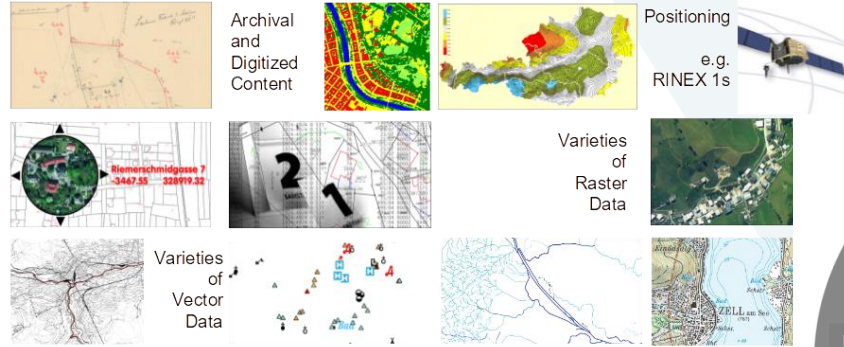




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The function of official geoinformation: Trust

- Promoting standardized methods, procedures, formats and interfaces
- Stimulate collaborative and coordinated approaches (public sector, economy, science, international org.)
- Clear data sovereignty/ core competencies
- Supporting the creation and federation of formal topographic ontological foundations
- Skills for a formal geospatial knowledge representation



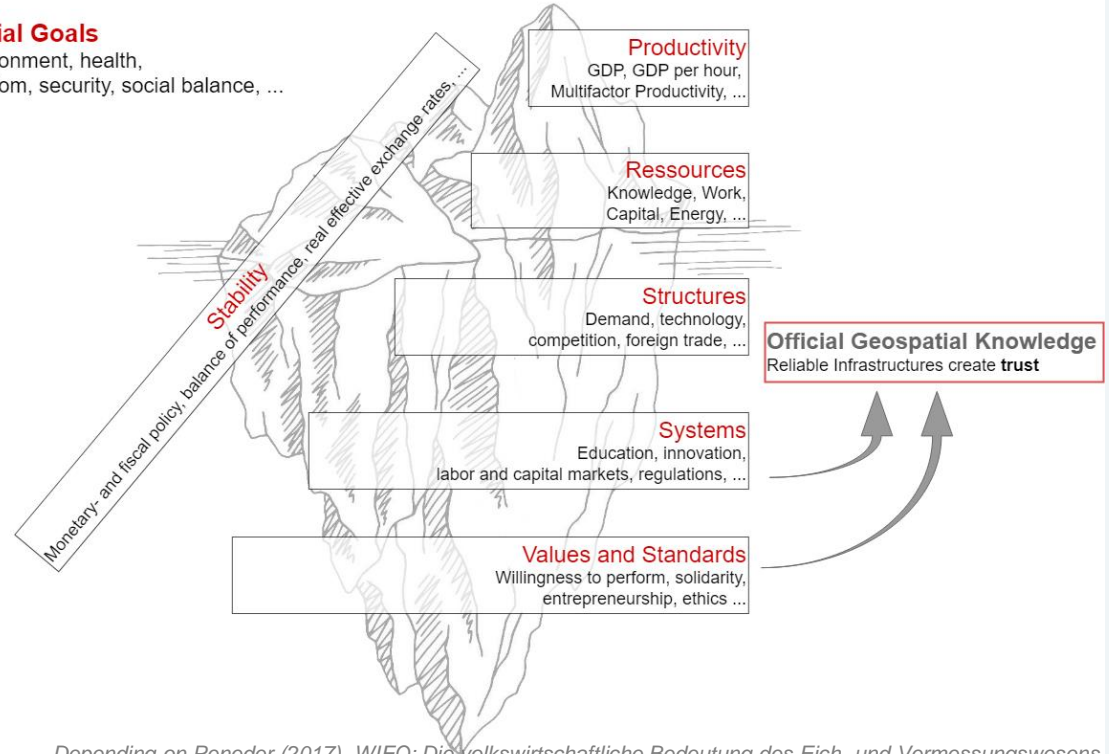
geoinformation as a cornerstone of the modern state and society

Iceberg of socio-economic values: Impact

- Practically every sector of the economy is affected by location-related data
- In 2021, ~800 thousand people were employed in the metrology and surveying sectors with a value added of 43 billion euros.

Social Goals

Environment, health,
freedom, security, social balance, ...

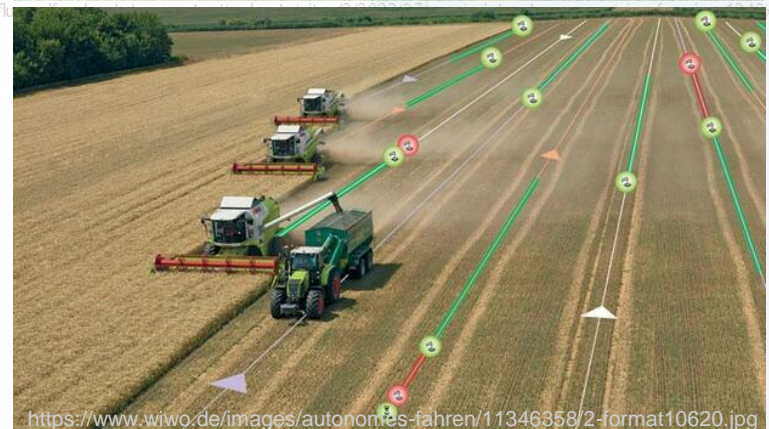


Depending on Peneder (2017), WIFO: Die volkswirtschaftliche Bedeutung des Eich- und Vermessungswesens
https://www.wifo.ac.at/pubma-datensätze?detail-view=yes&publikation_id=66893

Impact example: precision farming

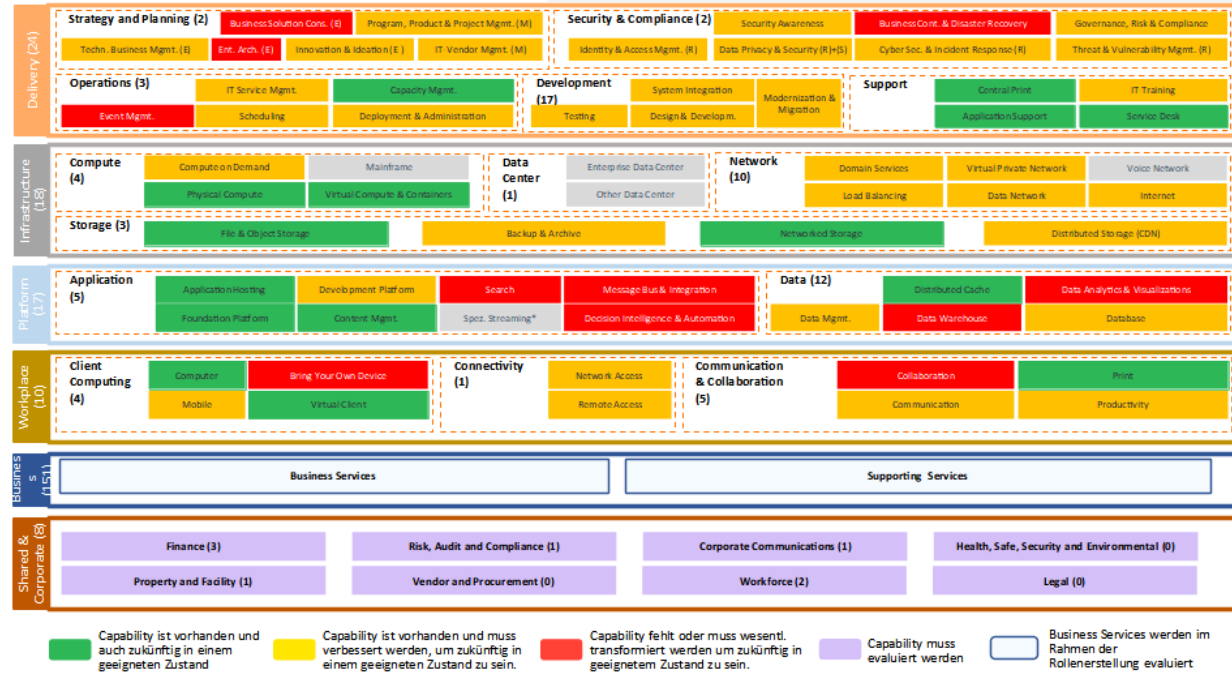
- Savings in precision farming: Geospatial positioning, precision management and extensive data integration helps...
- 10%-80% less nitrogen for winter wheat
- 30%-70% less for pesticides

Numbers depending on the
topographic field characteristic



Supporting IT organisational structures: Demand

- Stability (vs. agility)
- Information/Cyber Security
- Constantly growing service portfolio
- Increasing demand for geospatial and IT skills
- Ongoing investments (security) and innovative developments to keep stability and consider economic conditions



Analysis of skills according to TBM (Technology Business Management)