

# StaGe – WEB application for merging **S**tatistics and **G**eospatial information

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**StaGe** is a web mapping application for merging and presentation of statistical and spatial data. It comprises StaGeSERVER, StaGeADMIN and StaGeVIEW.

The map is rendered in an **HTML5** canvas according to the WMS image pixel value and the corresponding attribute value. This approach was chosen to unify the presentation of **non homogenous data sets**, e.g. some layers have 2 polygons with several thousand of points while other layers are grids (having several thousand – even 100 000 or more – quadrilaterals) and there is a demand to show several thousand of objects when the large map areas are being viewed. Another reason for the chosen approach was to move the majority of map **processing from the server to the client**, however, there is a question how this approach can be used in connection with standard **OGC interfaces** or **Inspire Network services** efficiently.

