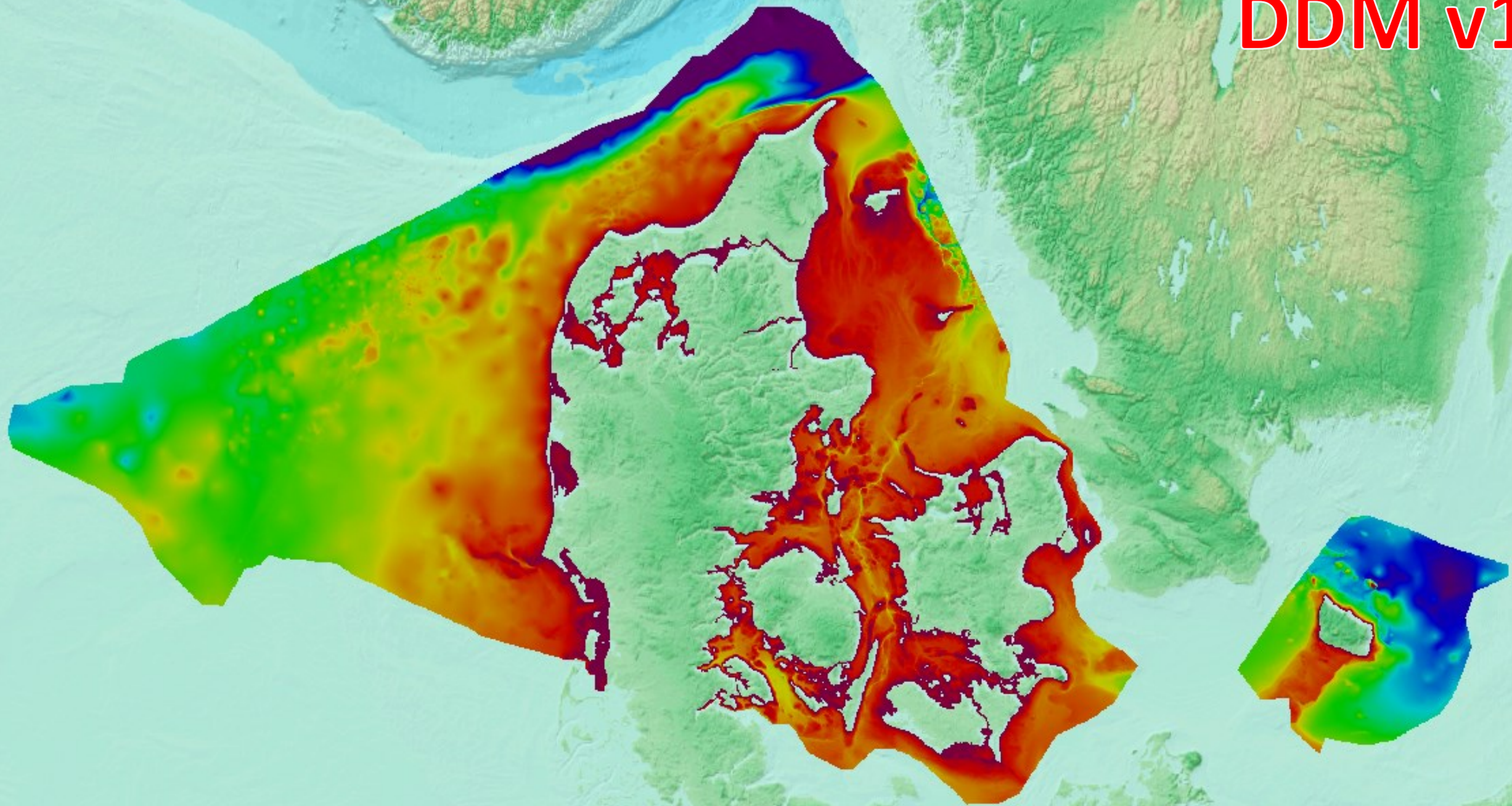
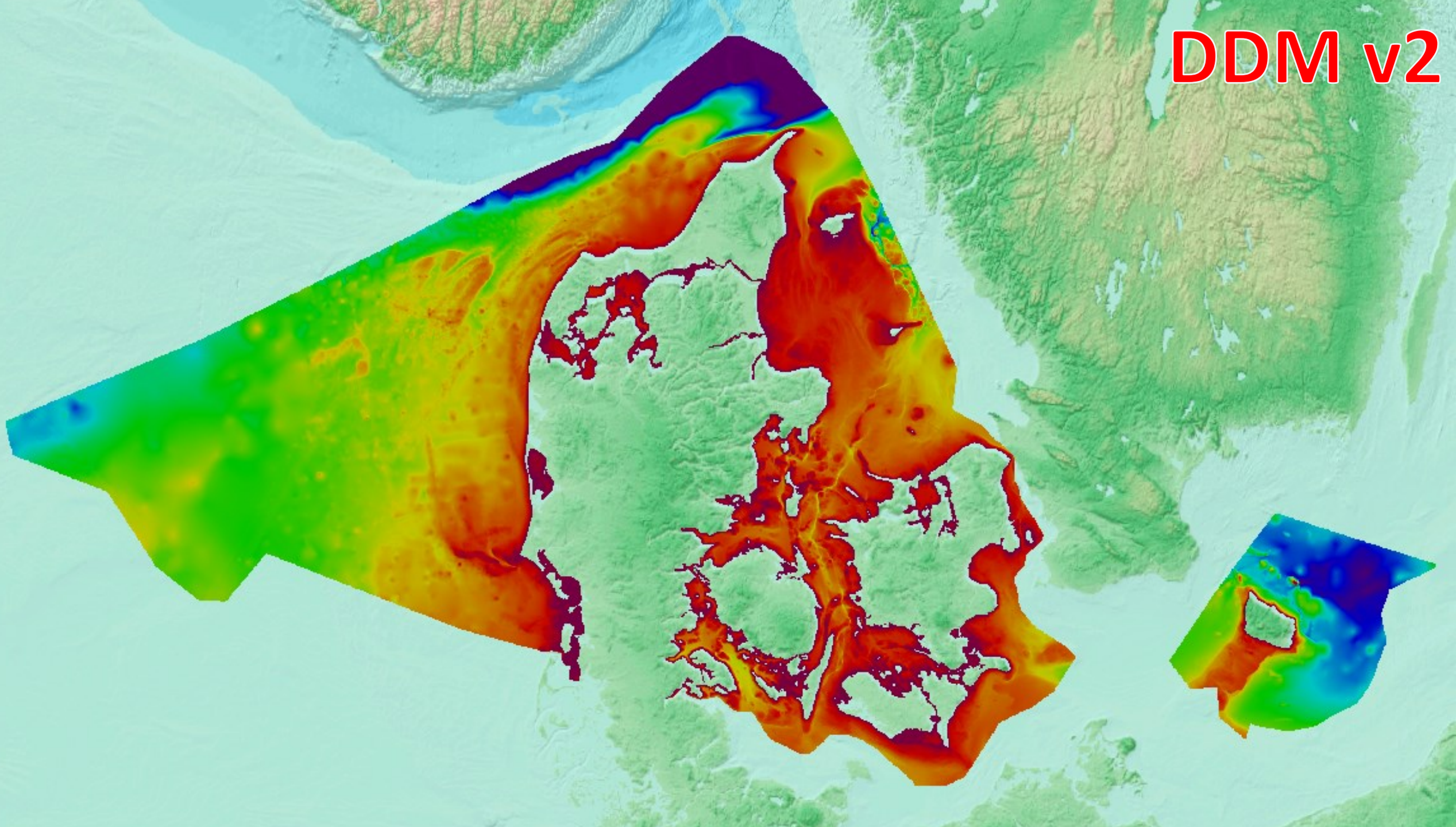


DDM v1

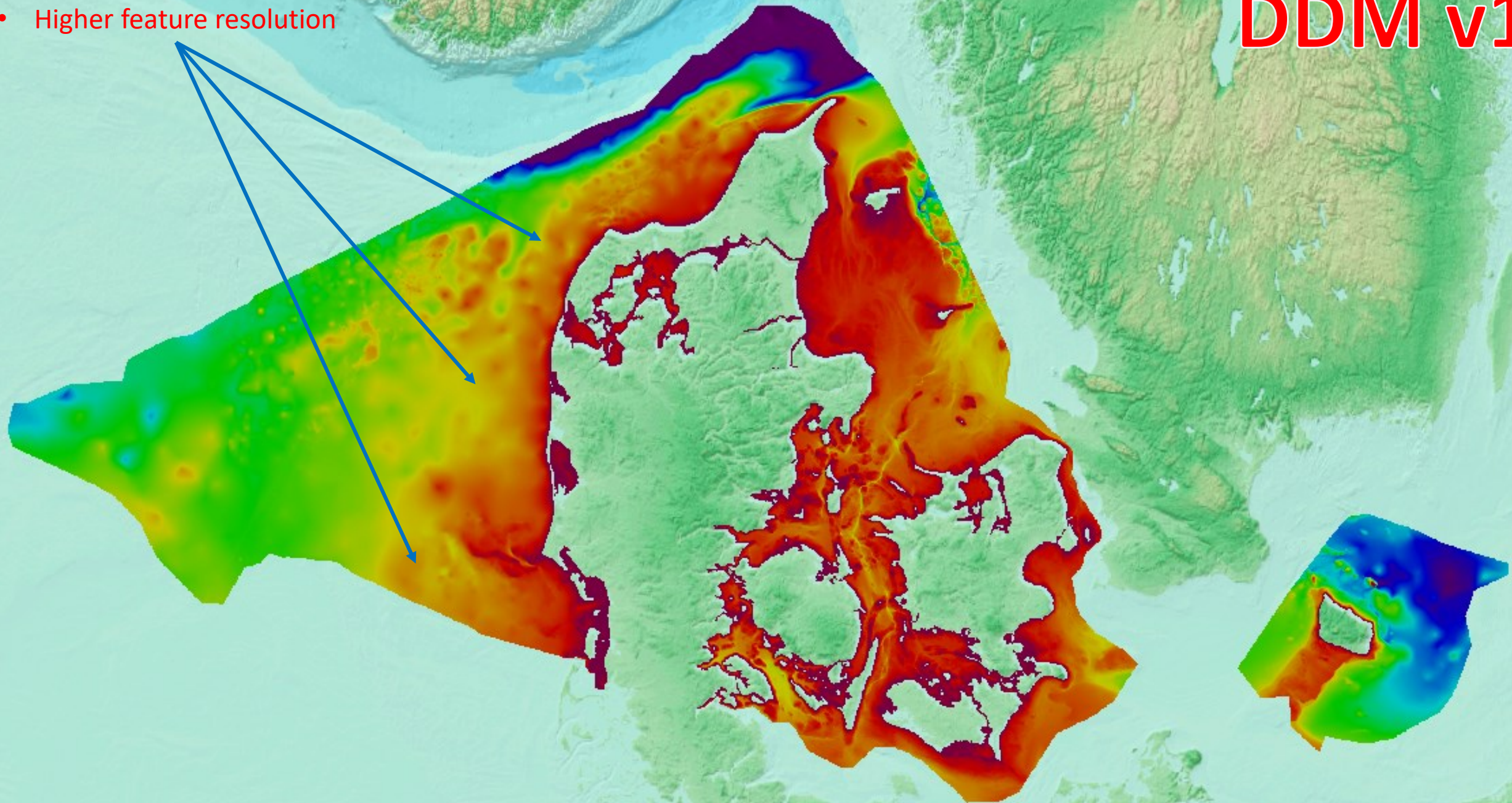


DDM v2



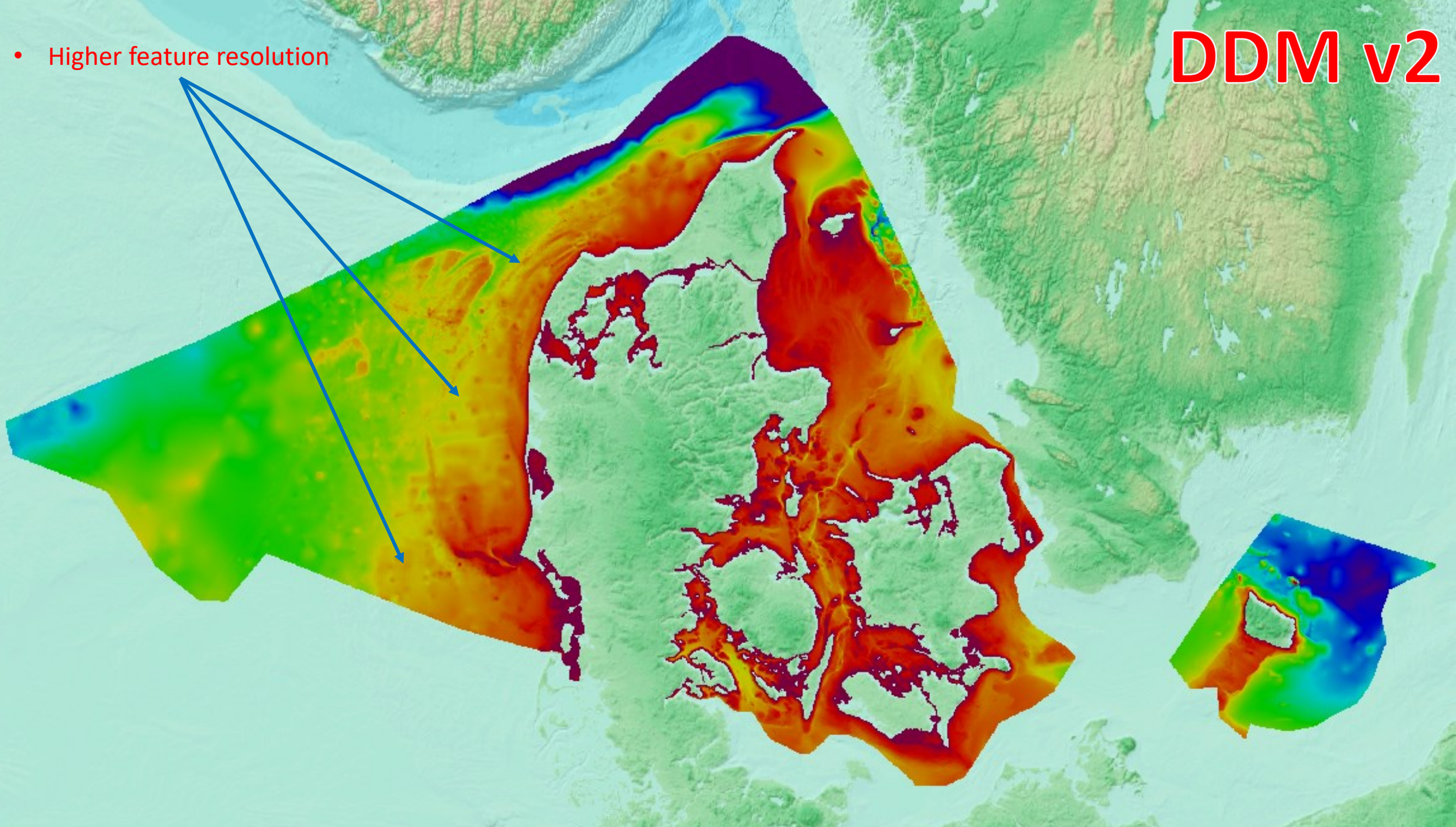
- Higher feature resolution

DDM v1



- Higher feature resolution

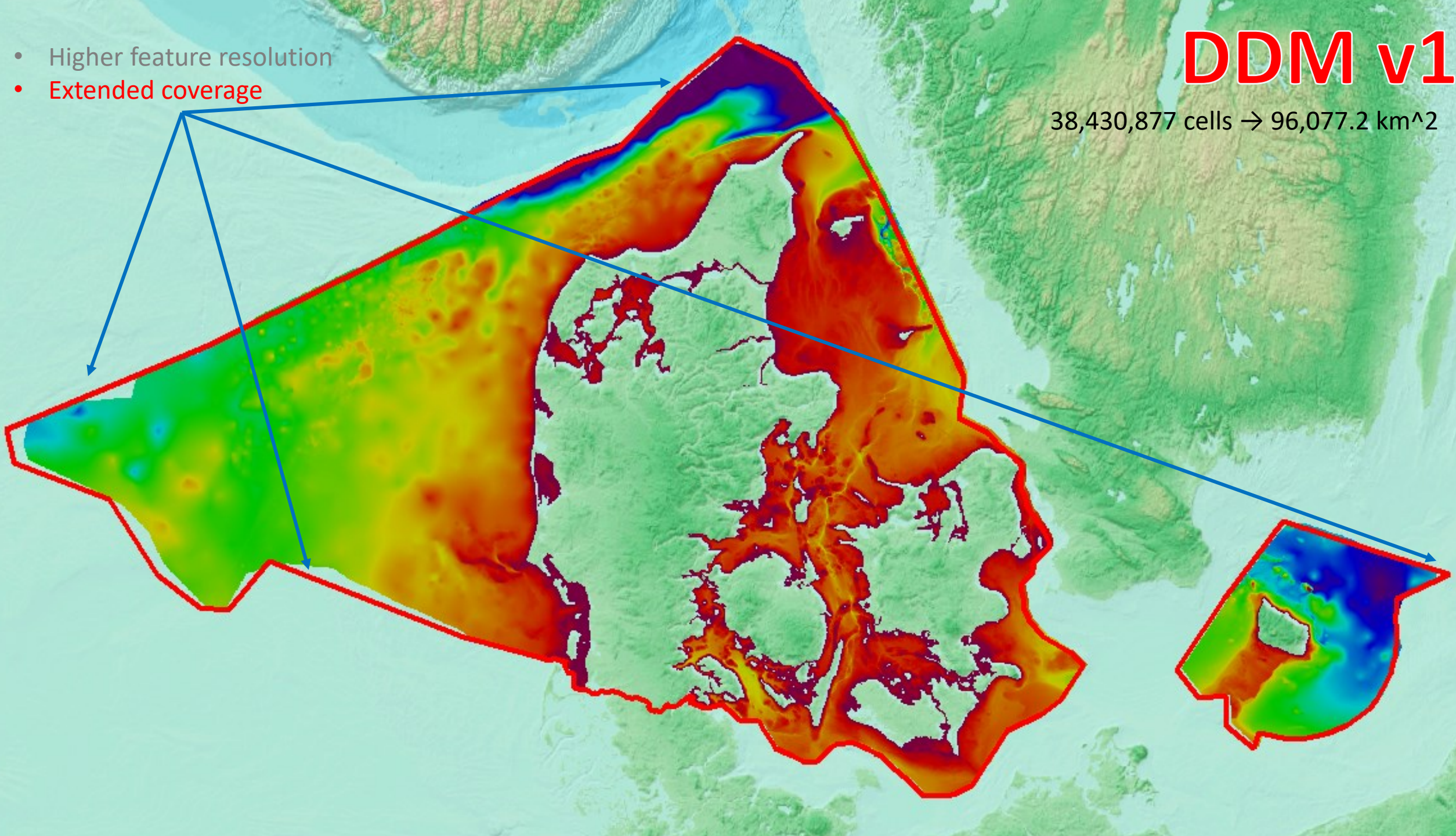
DDM v2



- Higher feature resolution
- Extended coverage

DDM v1

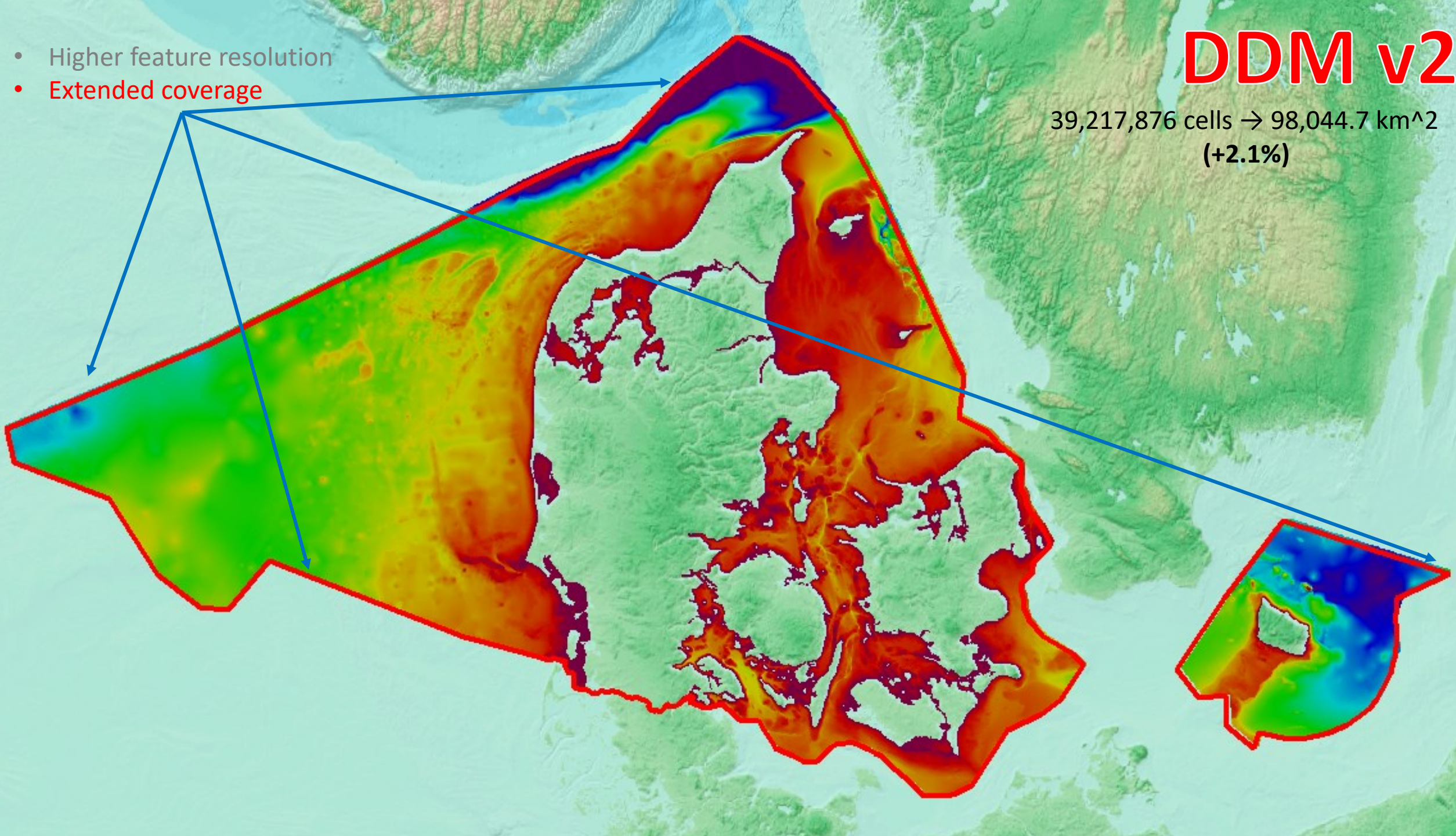
38,430,877 cells \rightarrow 96,077.2 km²



- Higher feature resolution
- Extended coverage

DDM v2

39,217,876 cells \rightarrow 98,044.7 km²
(+2.1%)



- Higher feature resolution
- Extended coverage
- **Reduced interpolation**

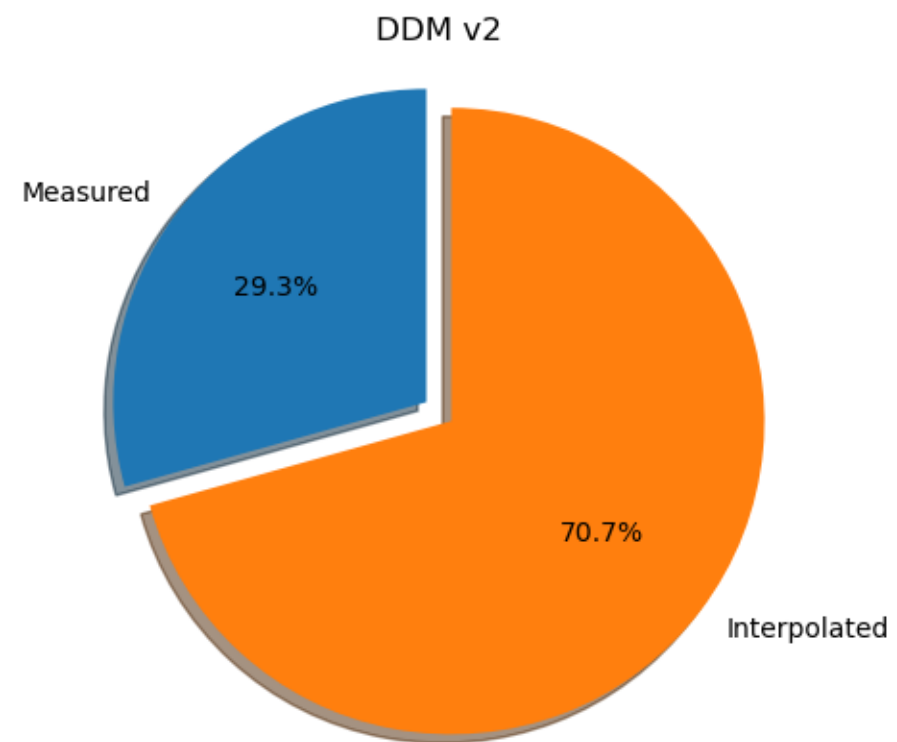
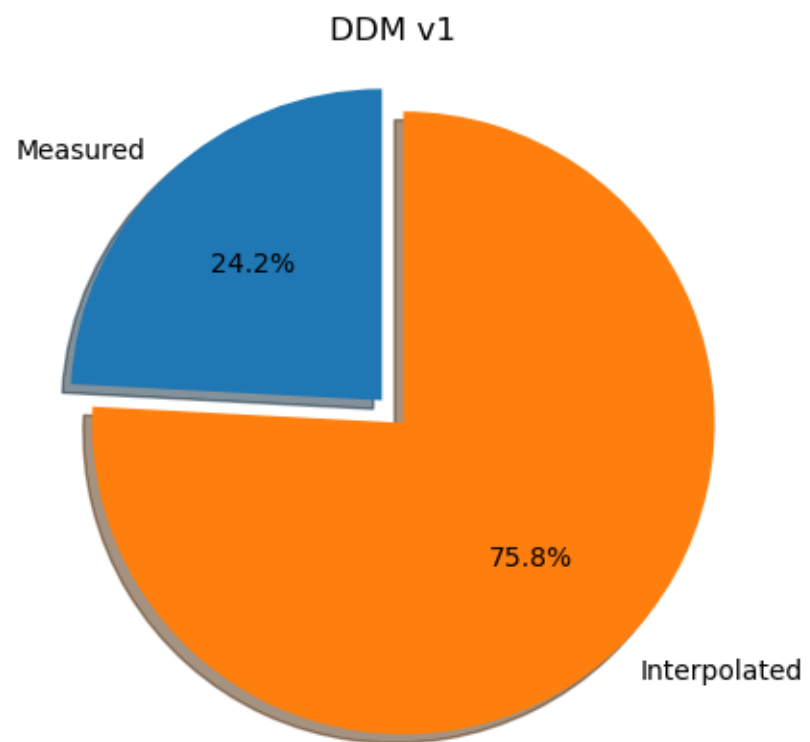
DDM v1



- Higher feature resolution
- Extended coverage
- **Reduced interpolation**

DDM v2

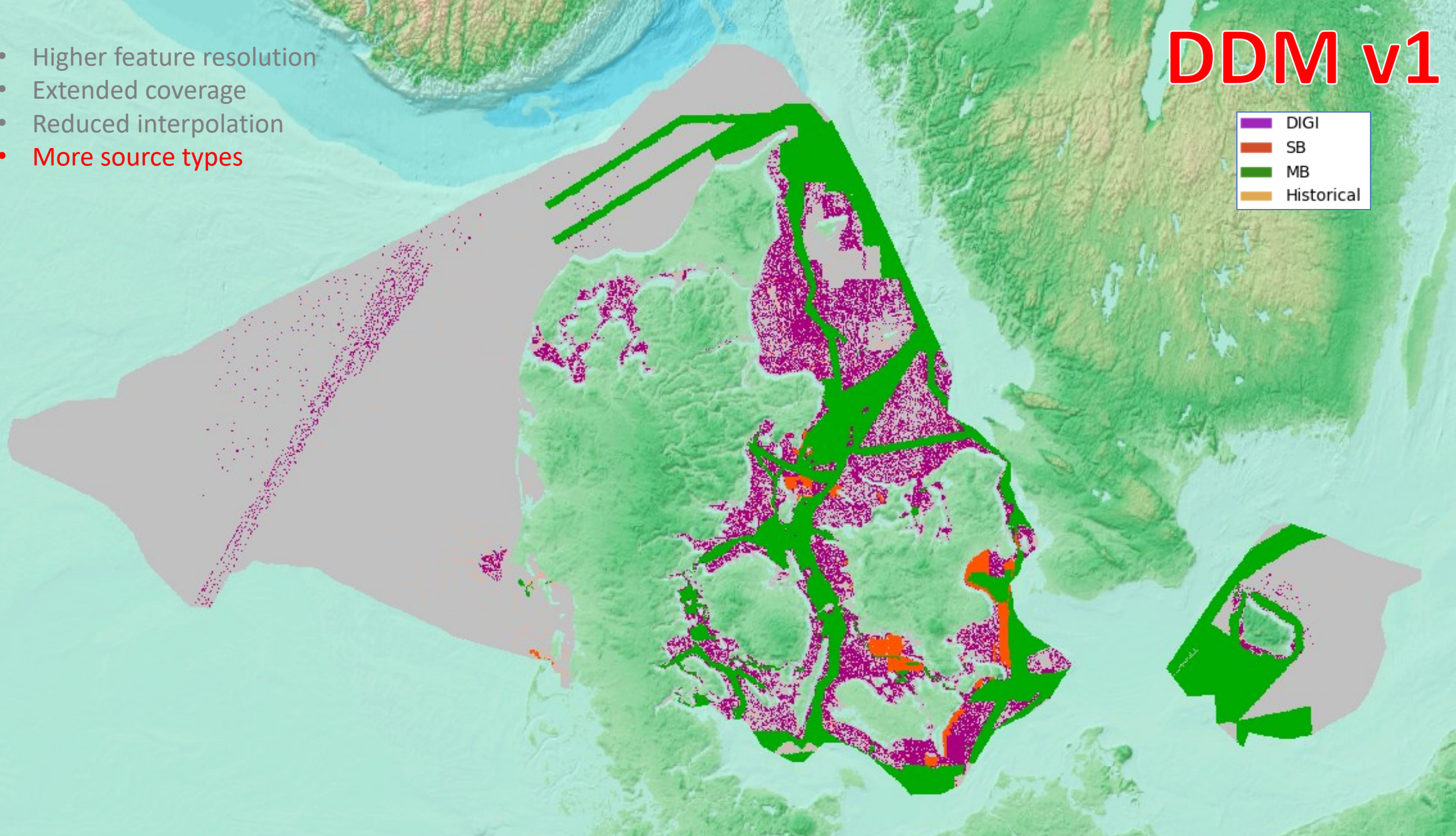
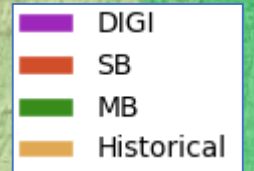




(-5.1%)

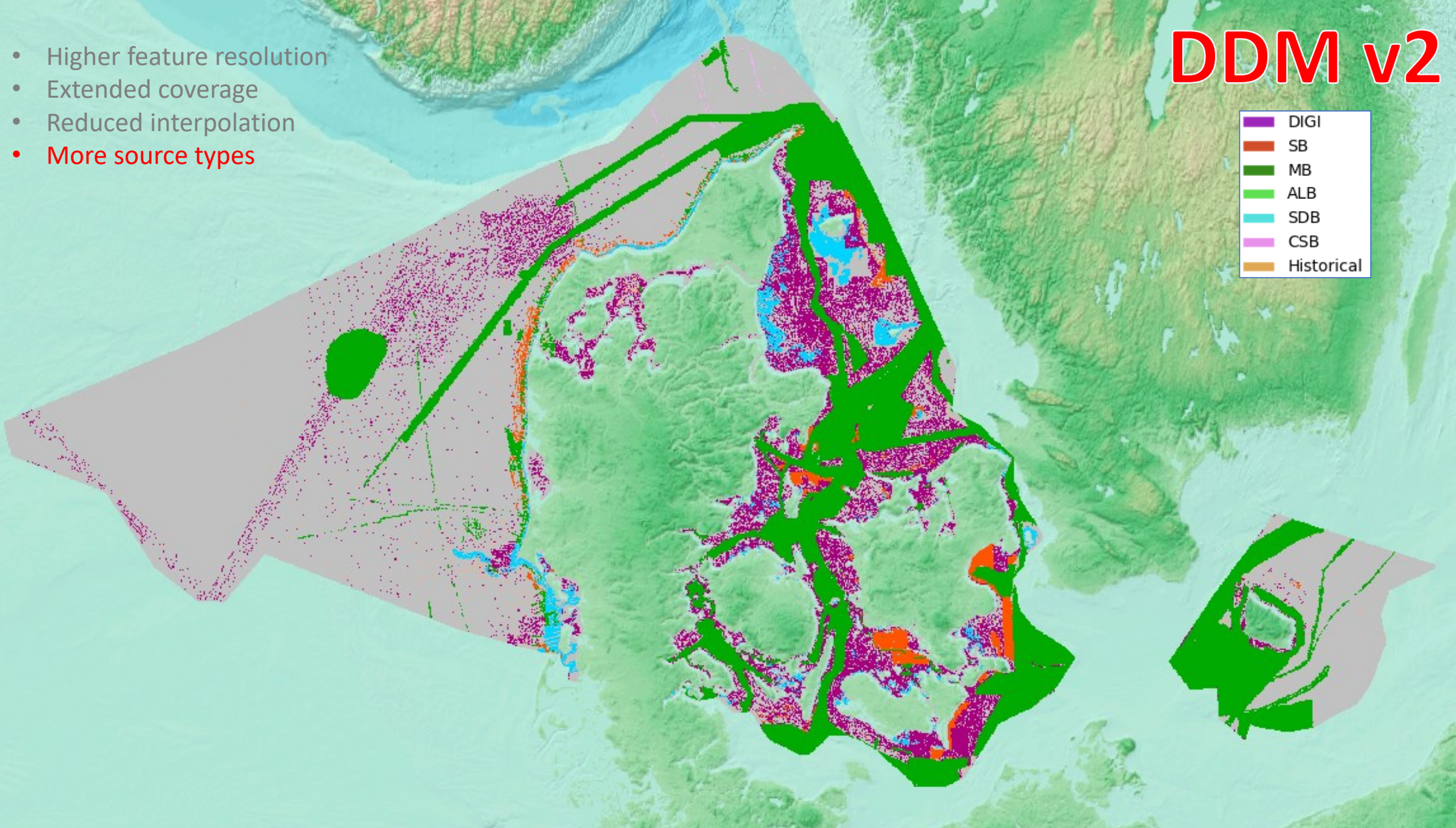
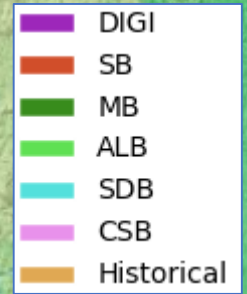
- Higher feature resolution
- Extended coverage
- Reduced interpolation
- **More source types**

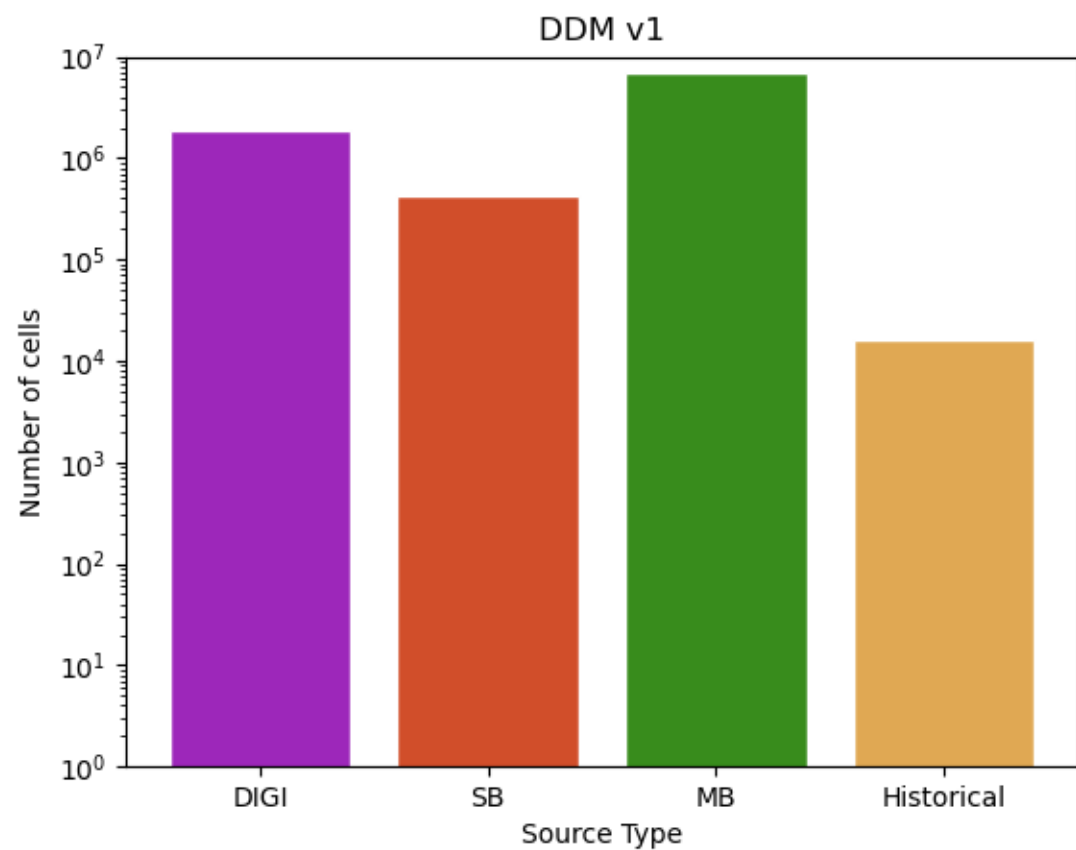
DDM v1



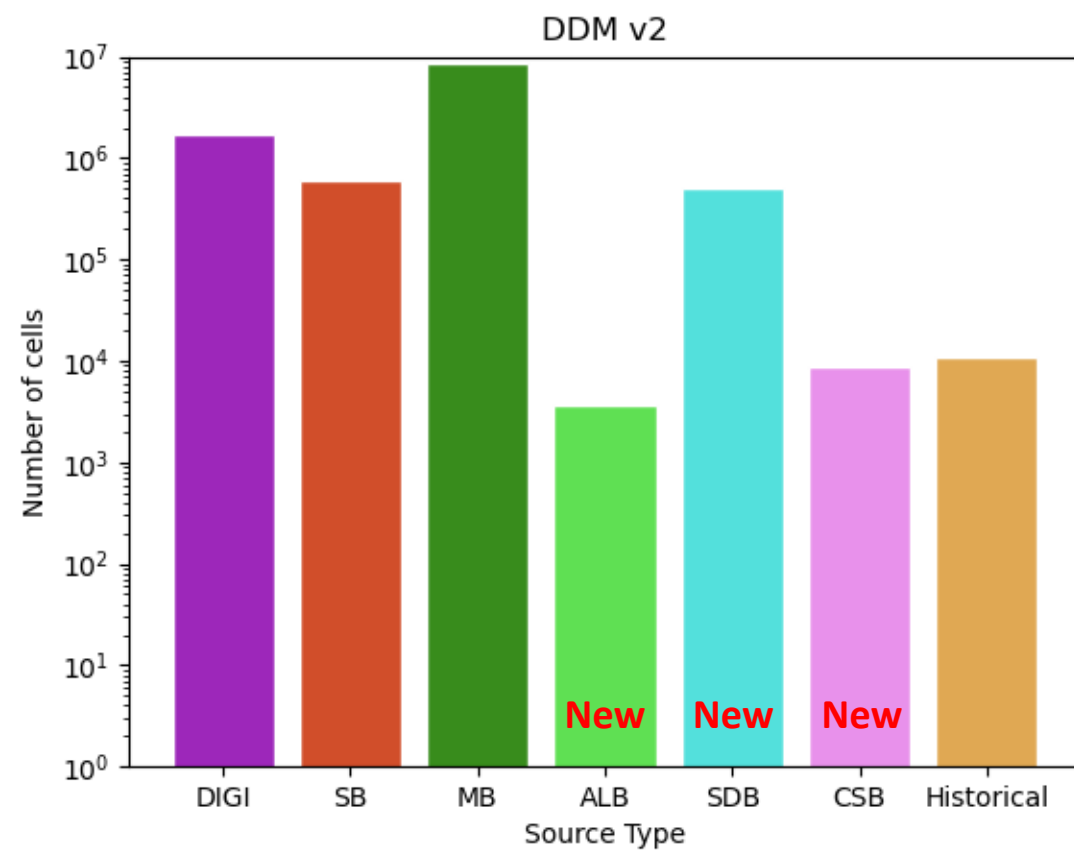
- Higher feature resolution
- Extended coverage
- Reduced interpolation
- More source types

DDM v2





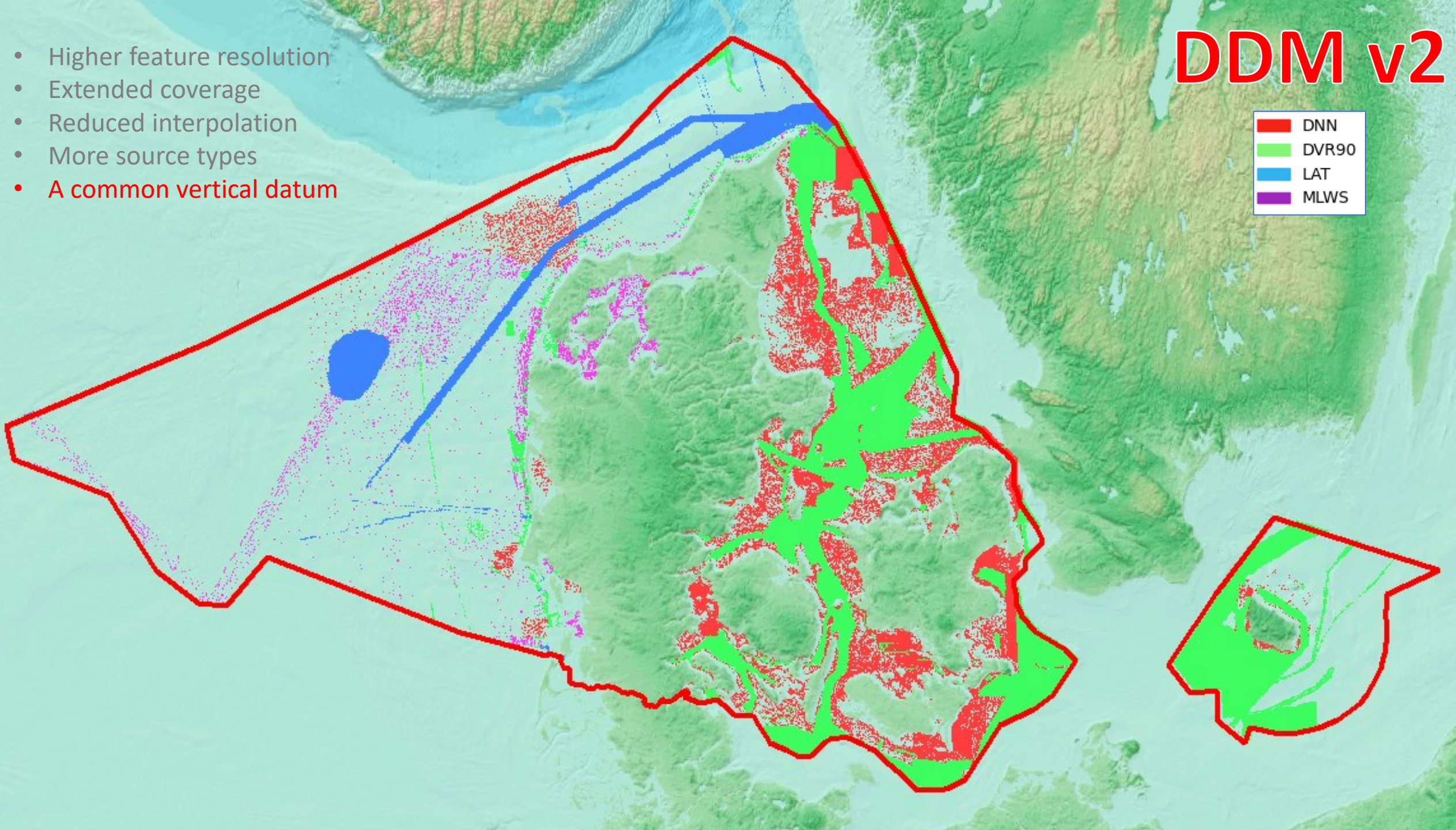
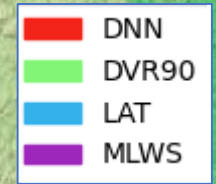
6,936,279



8,630,708
(+24.4%)

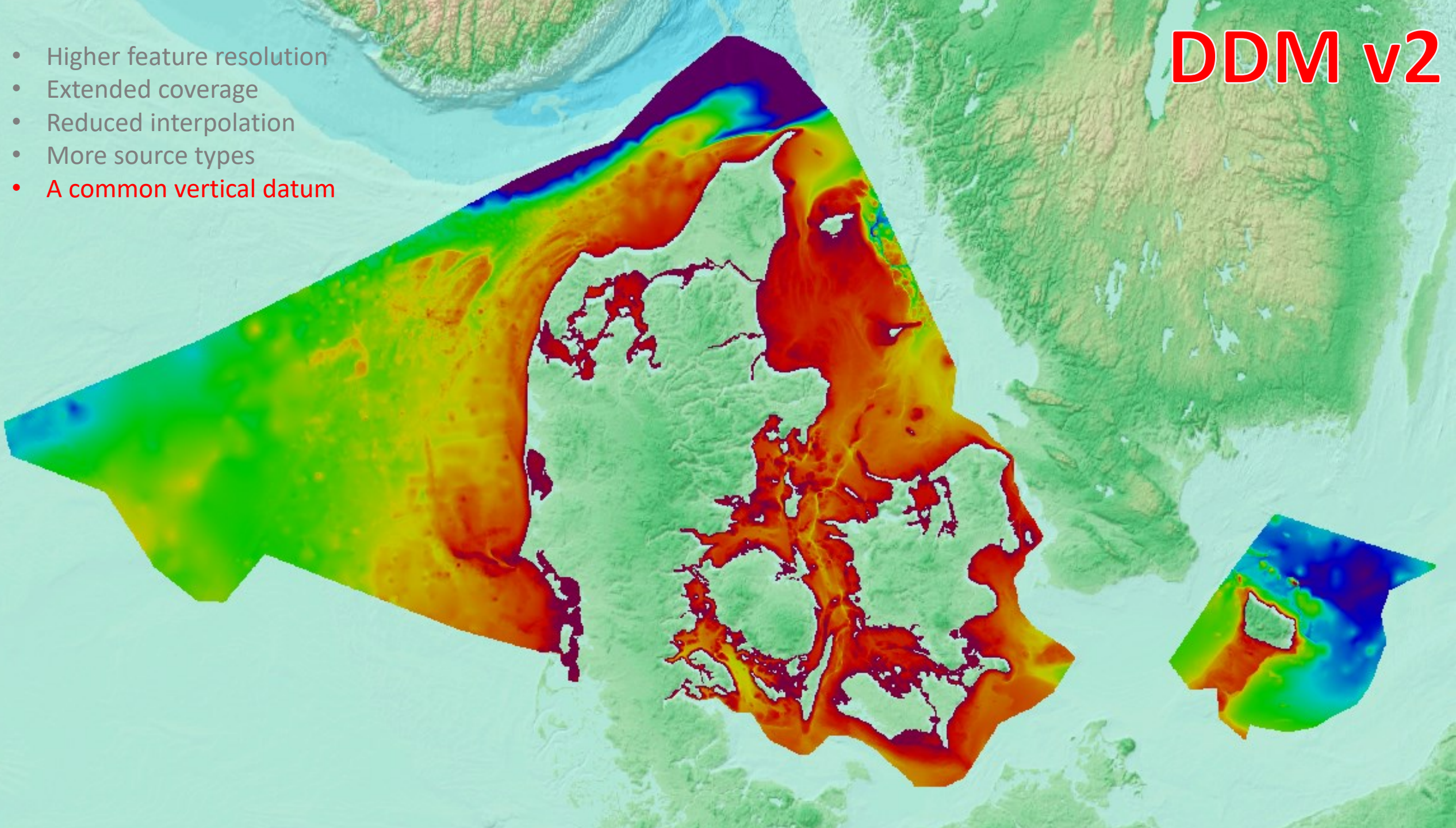
- Higher feature resolution
- Extended coverage
- Reduced interpolation
- More source types
- A common vertical datum

DDM v2



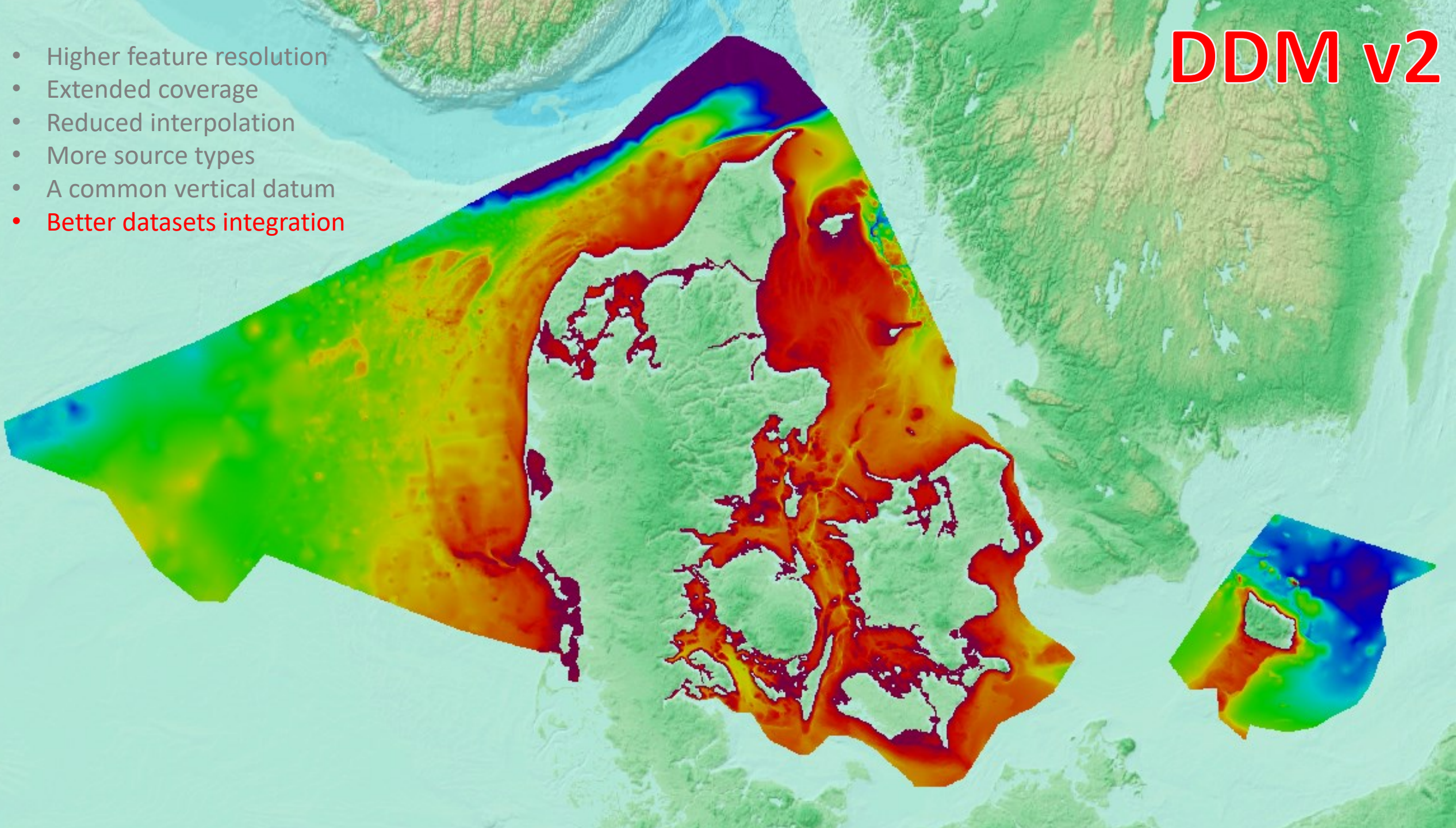
- Higher feature resolution
- Extended coverage
- Reduced interpolation
- More source types
- A common vertical datum

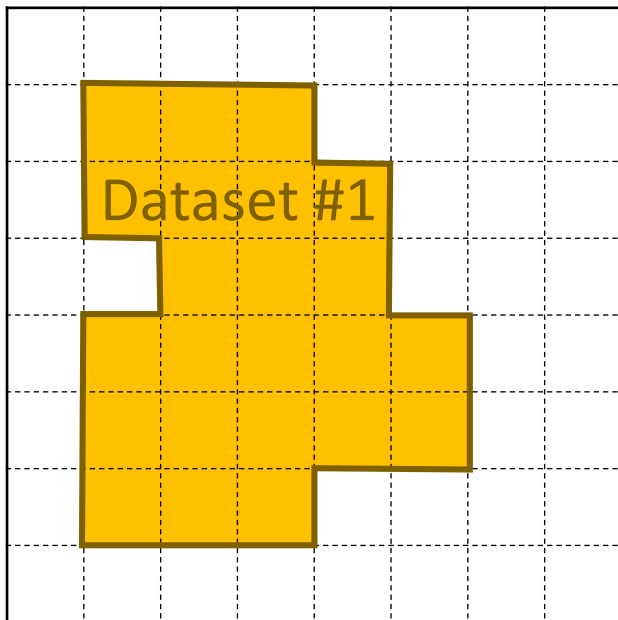
DDM v2



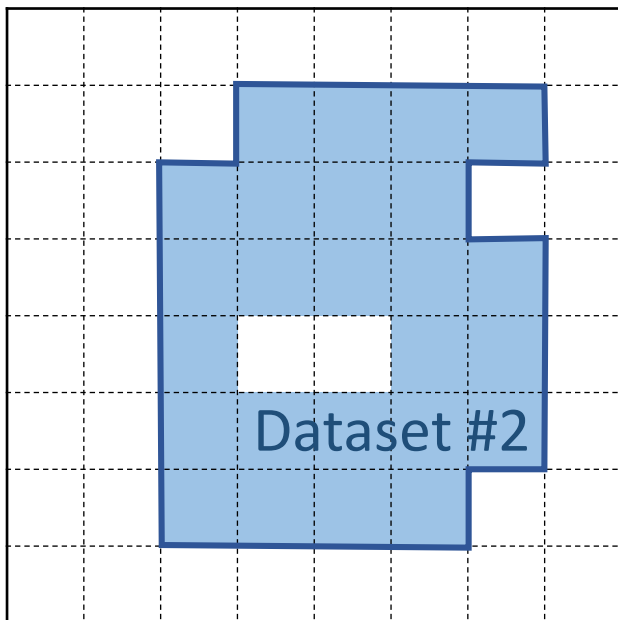
- Higher feature resolution
- Extended coverage
- Reduced interpolation
- More source types
- A common vertical datum
- **Better datasets integration**

DDM v2

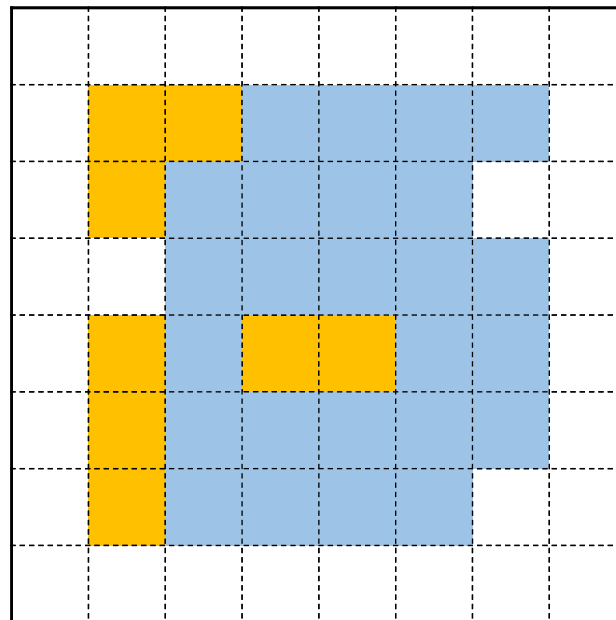




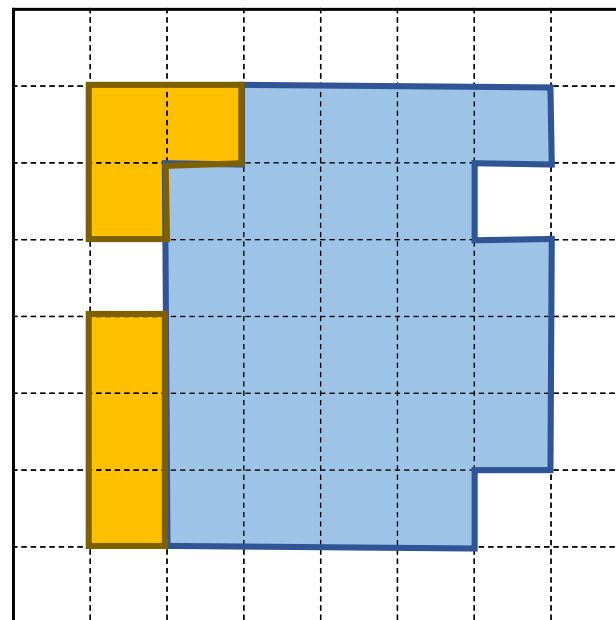
+

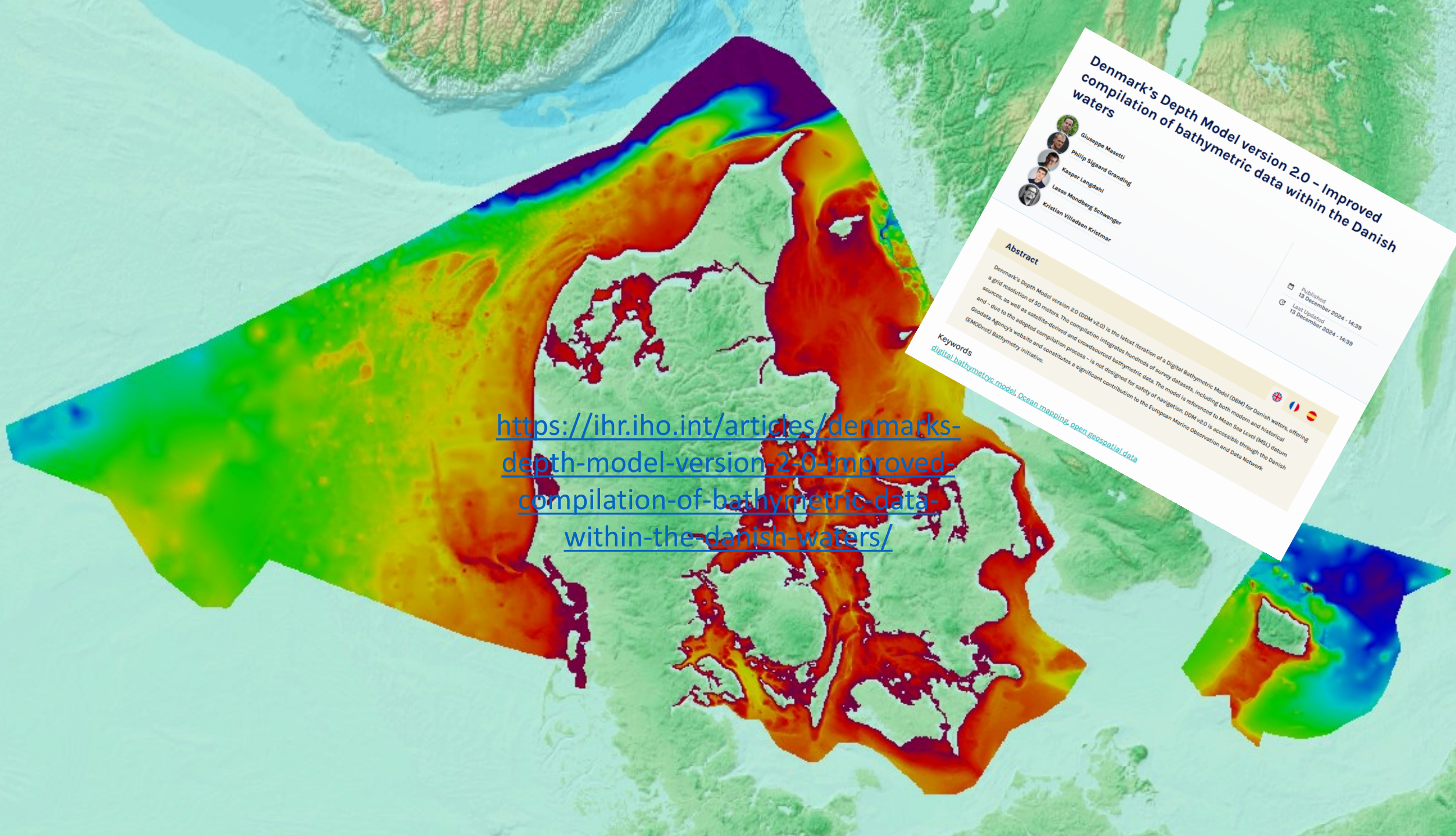


DDM v1
(cell-based)



DDM v2
(polygon-based)





Denmark's Depth Model version 2.0 – Improved compilation of bathymetric data within the Danish waters

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Abstract

Denmark's Depth Model version 2.0 (DDM v2.0) is the latest iteration of a Digital Bathymetric Model (DBM) for Danish waters, offering a grid resolution of 50 meters. The compilation integrates hundreds of survey datasets, including both modern and historical sources, as well as satellite-derived and crowdsourced bathymetric data. The model is referenced to Mean Sea Level (MSL) datum and – due to the adopted compilation process – is not designed for safety of navigation. DDM v2.0 is accessible through the Danish Gooddata Agency's website and constitutes a significant contribution to the European Marine Observation and Data Network (EMODnet) Bathymetry initiative.



Keywords

[digital bathymetric model](#), [ocean mapping](#), [open geospatial data](#)

<https://ihr.iho.int/articles/denmarks-depth-model-version-2-0-improved-compilation-of-bathymetric-data-within-the-danish-waters/>



Questions?