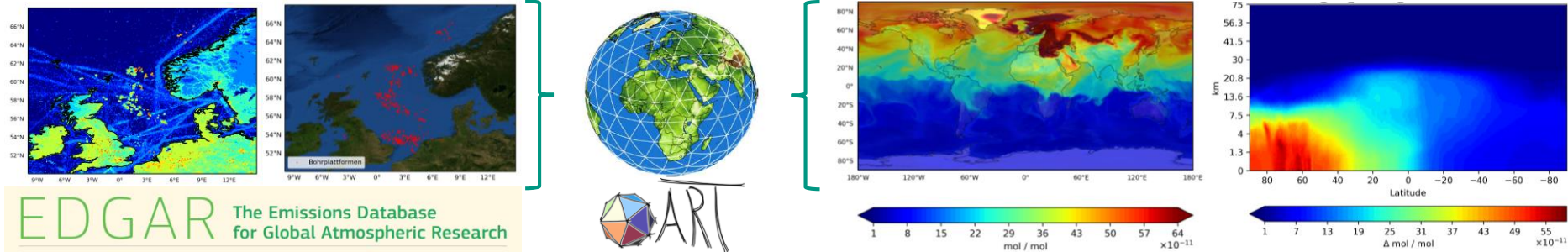
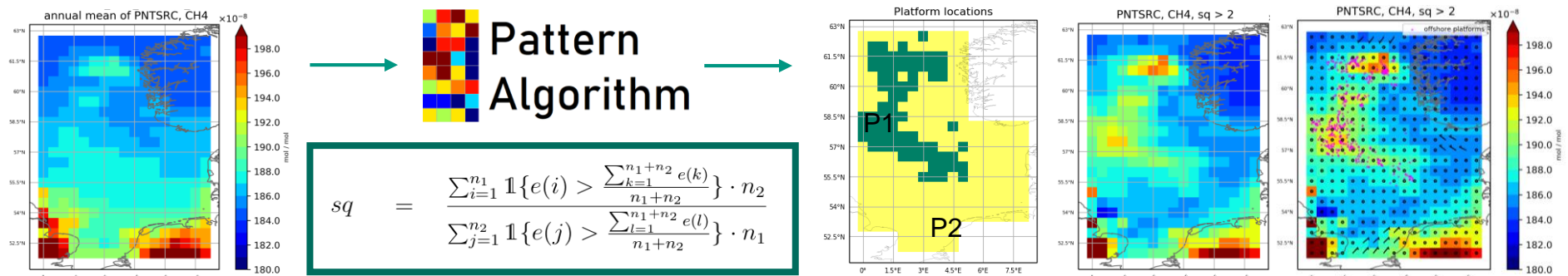


# MODELING METHANE FROM THE NORTH SEA REGION WITH ICON-ART



Emission fluxes from the EDGAR inventory are used as input for the global model ICON-ART. North Sea platforms are implemented as point sources. In this way we can adjust missing platform emissions and evaluate their impact on regional and global scale.



Compared to the annual mean (left), the distribution of the platforms is clearly visible as a hotspot area in the North Sea Region after the selection of the Pattern Algorithm was made (right). In addition to that the frames selected by the Pattern Algorithm show only weak wind signals in the North Sea Region which is a proof, that the Algorithm is working properly.