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## Nowcasting and forecasting ionospheric space weather over Europe: DIAS Project

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The main objective of DIAS project (European Digital Upper Atmosphere Server) is to develop a European digital data collection for the ionospheric part of the upper atmosphere based on historical data collections and on the real-time information provided by the ionospheric stations participating in DIAS network. This collection will be managed and distributed by a new digital server (DIAS). New added value products and services will be developed and released to serve the needs of operational applications managed by the European space industry. The basic products that will be available by DIAS server are ionograms and some important ionospheric characteristics provided in real-time, as well as maps of the state of the ionosphere over Europe suitable for nowcasting and forecasting purposes.