

A TOOL TO EVALUATE IN REAL-TIME AND FORECASTING MODE THE AIR QUALITY IMPACT OF INDUSTRIAL EMISSIONS

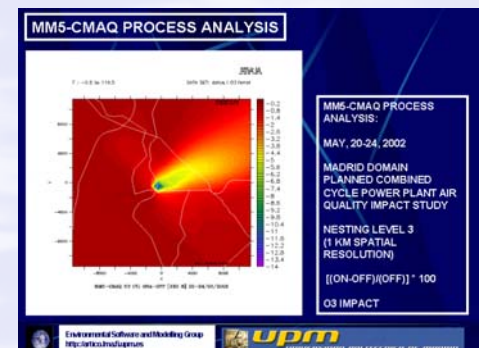
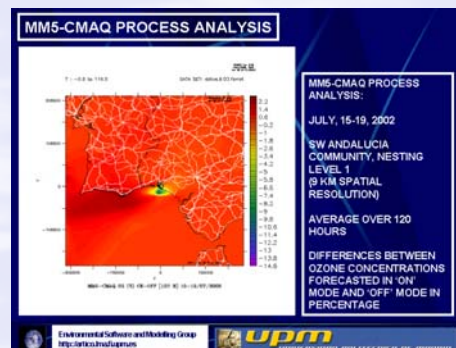
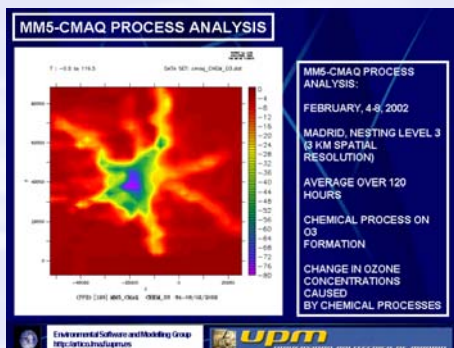
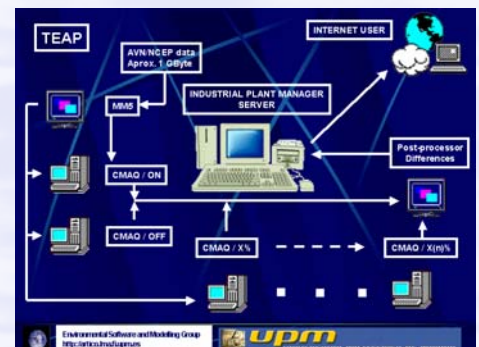
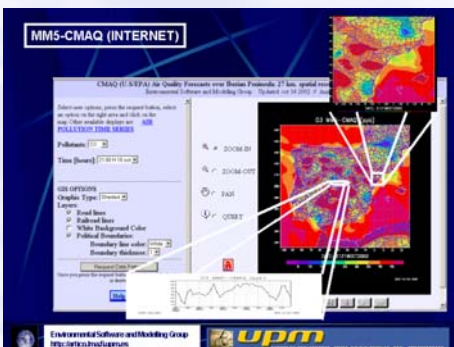
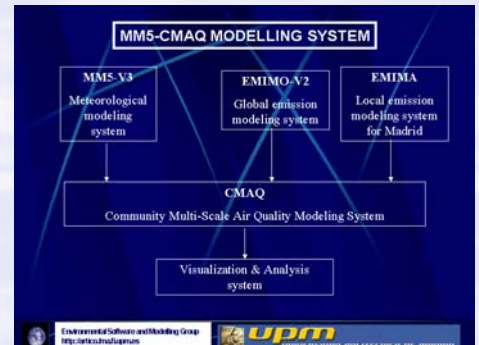
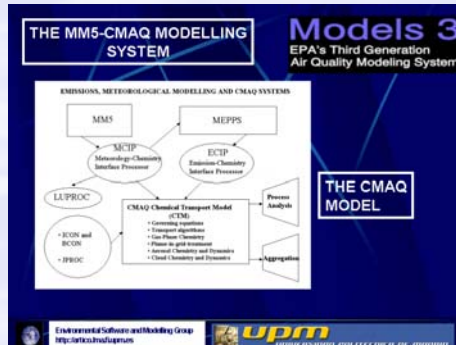
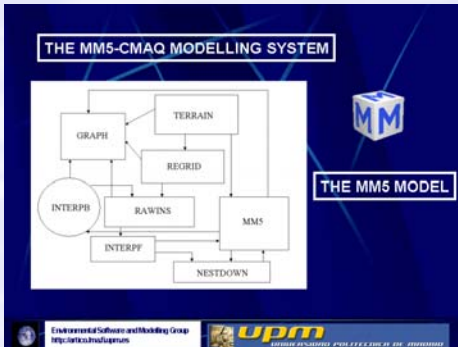
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This tool uses the most advanced meteorological and dispersion models (with aerosol chemistry). It provides a full analysis of the impact of the industrial plant emissions in time and space. It can be run in real time and forecasting mode and it can also be used for Air Quality Impact Analysis for pre-operational analysis for power plants and general industrial plants. The tool is developed under the EUREKA project TEAP.

- MM5 is a non-hydrostatic mesoscale mode developed by PSU/NCAR (USA).
- CMAQ is the Community Multiscale Air Quality Modelling System developed by EPA (USA)
- EMIMO is an emission inventory model developed by UPM (Spain).

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