



E² Impact



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E²Impact is a model supporting the evaluation of energy consumption, emissions and effects of microscale measures (single plant, single infrastructure) with respect to greenhouse gases and major air, water and soil pollutants.

E²Impact allows for a rapid energy evaluation and emissions inventory for a plant or an infrastructure (a preliminary and consistent assessment of pollutants quantities emitted into the environment).

E²Impact is structured so that:

- to insert directly emissions (as measured or evaluated by the management of the plant or infrastructure);
- to estimate emissions from quantitative data on the activity considered and appropriate emission factors contained in our database model.

E²Impact for installations and facilities supports:

- environmental impact assessment;
- energy audit;
- emissions estimate.

E²Impact is the evolution of the model RAAP already developed by Techne Consulting.



E²Plan



E²Gov



E²Port



E²Road



E²Diffusion



E²Airport



E²Impact



E²Polis CO₂

E²Plan is a complete system for Environment and Energy Planning developed by Techne Consulting.

The system was founded originally as a system aimed to study air pollution (AirSuite) and has evolved over the years towards a system for integrated assessment in different environmental media under the name EnviPlan.com.

The new version in the Web environment E²Plan released at the end of year 2010 by Techne Consulting extends the functionality of the system to the environment and energy government by managing and processing basic data and indicators, evaluation models and diffusion, transport and transformation of pollutants models.

E²Plan is designed as a complete support system in energy and environmental planning and includes:

- the system for managing and processing data and basic indicators in the fields of energy and environment, the development of inventories of emissions and energy balances and their future projections (E²Gov);
- models for the evaluation of driving forces, energy consumptions and emissions from road transport (E²Road), air transport (E²Airport) and shipping (E²Port);
- the model for the evaluation of energy consumption and emissions of carbon dioxide (CO₂) in municipalities and to support the Covenant of Majors (E²Polis CO₂);
- the system for assessing "quick" energy consumption and pollution E²Impact;
- the interface to the models for the assessment of transport and diffusion of pollutants in different media (air, water, soil) E²Diffusion.