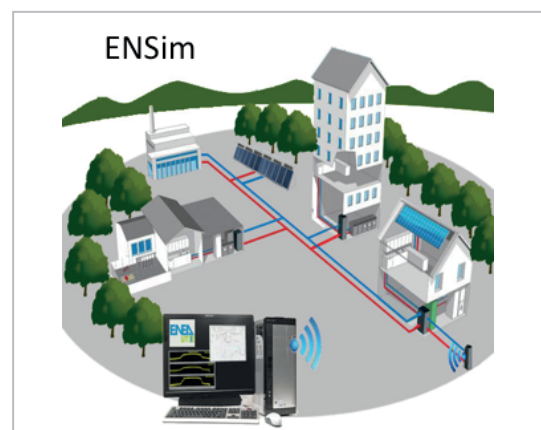


SIMULATION AND EVALUATION OF POLYGENERATIVE SOLUTIONS OR DISTRIBUTED GENERATION PLANTS

Innovations and Benefits - The two software platforms (ODESSE and ENSIM) developed by ENEA make it possible to carry out, at low cost, feasibility analyses and evaluation of the technical-economic performance of building air conditioning systems and innovative district heating networks. The two platforms use dynamic calculation codes and simulate real operating, tariff, fiscal and regulatory conditions, for real users. The ENSIM platform allows to analyze advanced technological solutions for existing energy networks and new installations, evaluating possible extensions of the services offered to end users (e.g. configurations with prosumer users, etc.).

Use - Tools for all technicians involved in the design and development of new production systems and new solutions for distributed energy production and poly-generation networks.

Applications and ongoing Activities - Collaboration and demonstration activities with various stakeholder, funded the Italian Ministry of Economic Development on the Electric System Research Programme, 2012-2014 and 2015-2018.



Characteristics:
STANDARD The design and simulation service is rendered in standard mode