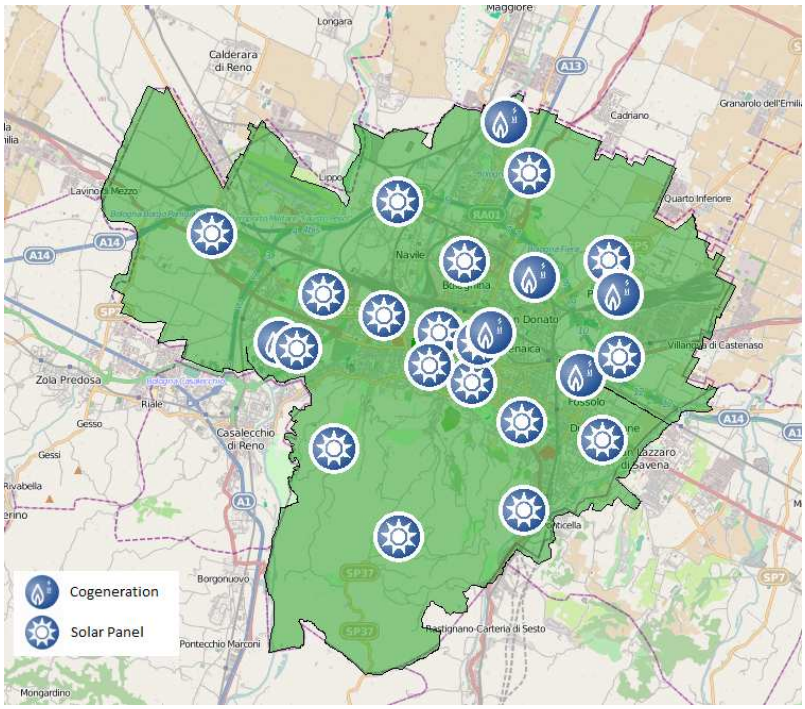
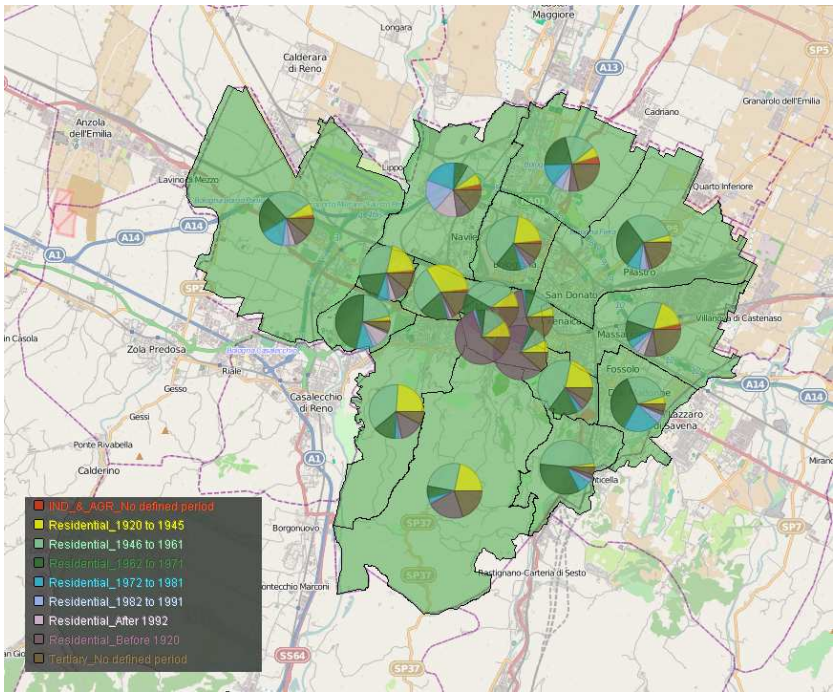
CitInES (www.citines.com) is a FP7 European project that aims to develop a decision-support software to help cities to undertake their Sustainable Energy Action Plan. Within this SEAP, municipalities plan and monitor actions to reach the 2020 CO2 emission reduction targets. Designing and implementing the SEAP requires the strong involvement of several technical services of the local government, elected representatives and citizens.

Bologna's SEAP first version was released in May 2012.

Thanks to CitInES FP7 project, Bologna is expecting to simplify its SEAP monitoring process by:

- Increasing data portability and consistency
- Improving collection of data from different services
- Offering spatial visualization of data
- Export results in a web server for easier communication
- Standardizing monitoring process
- Offering confidentiality management



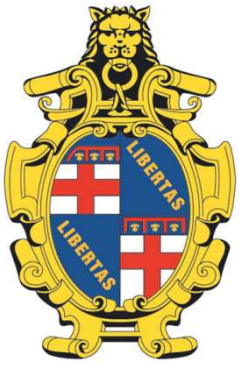


Bologna's experimentation:

The first step for Bologna's experimentation is to use Crystal City, the software developed within CitInES project, to monitor Bologna's SEAP:

- Model 2005 energy balance with sufficient level of details to correctly assess the impacts of energy actions.
- Model the SEAP actions and their impact on the energy system.
- Define action advancement indicators and configure the methodology to assess action impacts based on these indicators.
- Input through a simple interface updated action advancement and apply the scripted methodology to assess the action impacts in terms of CO2.
- Compare the SEAP advancement with plan.
- Publish action advancement and corresponding impacts.

Crystal City is currently under experimentation by the Energy Office. Results will be published beginning of 2014.

CitInES is co-financed by the European Commission, within the 7th framework programme.

CitInES consortium: