BEST PRACTICES AND SOLUTIONS FOR ENERGY TRANSITION

TYPE OF BEST PRACTICE:	**TECHNICAL SOLUTIONS**
TITLE:	**SIE - the energy management software.**
Keywords: *Please select from dropdown lists (cells B5-B9), up to 5 representative **keywords** that best describe the features of the best practice.*	Methodology / tool / solution Energy Efficiency in buildings
Country: *Please select from dropdown list (cell B10), the country where the best practice was implemented. If in more than one countries, select "multiple countries" and describe in cell B11.*	Spain
Region / Municipality / location: *Please provide further details on the territory where the best practice was implemented, as applicable (e.g. Region and/or Municipality and/or location of individual building).*	More than 500 city councils throughout Spain.
Short description: *(Up to **150** characters)*	A comprehensive solution to reduce the electric bill, energy consumption, and CO2 emissions of the municipal buildings.
Long description: *(Up to **1000** characters)* *Describe a best practice in the field of **Technical solutions** [e.g. innovative technical tools/methodologies/solutions developed to increase energy-efficiency in public buildings or sustainable mobility; case studies of successful implementation of such solutions in actual projects; etc.]*	The Energy Management Software is a comprehensive solution for municipalities to manage the supplies of all municipal buildings. The tool enables monitoring of energy consumption, whatever its origin, and water consumption. It is prepared to gather data from many different sources, such as billing, Distribution System Operator API, and web from trading companies. In most cases, these gathering capabilities automatize the data acquisition procedure, leading to increased implementation speed. Moreover, as the same information can be obtained from different agents, the billing and accounting of the different supplies can be validated. Indeed, taking advantage of the collected data, the software can proportionate several services to control energy consumption and reduce costs. These services are from optimization of the contracted power capacity or consumption analysis to over-consumption alarms.
Project full title / acronym: *The title of the Best Practice is inserted in cell B4. Please only fill in this field (cell B19) if the Best Practice was implemented as part of a "Project". The "Project" can be an EU project or a local / national initiative, a private initiative etc.* **Funding Programme:** *(If applicable)* **Project website:** *(If applicable)*	SIE (Energy Information System) https://www.inergybcn.com/en/sie/
Relevant images: *Photos, project logo etc.*	
Progress status - Start date:	*1/2012*
End date: *If relevant, please include any futher information as regards progress of the case study.*	-
Key benefits / outcomes: *Describe key benefits - key outputs from this best practice. Where available and relevant, use users' testimonies.*	Municipalities have a software of reference which enables them to track and manage efficiently their energy supplies.
References: *Provide relevant links or documentation (reports / photos / videos etc.) that relate to the described case study (Note: please only provide where it is acceptable to make the information publicly available online.*	https://www.inergybcn.com/en/sie/