

EMPOWER

Final Conference

ARRR RAP actions



ARRR

Sergio Gatteschi

sergiogatteschi@yahoo.it

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Action 1

**Develop the Smart Control Room
of the Firenze metropolitan area
in a more integrated system**



**The new SCCR : physical sharing of
spaces to better manage the city for
a better life**

EMPOWER
More carbon reduction by dynamically monitoring energy
efficiency



*Reconciling the
beauty and
tradition of the
city with
technological
innovation*

Infrastructure as
an enabler: the
new SCCR



Action 2

Implementation of a new monitoring system for regional buildings

- The CET, as planned and with its own funds, has initiated and systemized the collection of energy consumption data (electricity and methane) of all regional buildings
- ARRR is creating a database for the Tuscany Region where energy consumption data (methane and electricity) and related costs as collected and supplied by the CET will be entered.
- The development of the software will be completed at the beginning of 2022

Action 2

In particular, the ARRR software “Energy Manager” will allow you to:

- view all energy consumption centers: buildings, means of transport, public lighting systems and any other structures;
- create the personal data and enter the technical data of each building / consumption center:
- enter the data and information of air conditioning systems, electrical systems and production plants from renewable sources;
- enter the monthly and annual electricity and thermal consumption and the related costs as well as other data necessary to evaluate the efficiency of the supply (power available by contract, consumption by time bands, etc.);
- graphically represent the consumption trend and calculate energy performance indicators,

The screenshot shows the 'ENERGY MANAGER' web application. The browser address bar displays 'gita.artelenergia.it/energy/centridiconsumo.php?what=centridiconsumo'. The page header includes the 'ENERGY MANAGER' title, a session status 'Sessione attiva: 18:04:27', and logos for 'REGIONE TOSCANA' and 'AGENZIA REGIONALE RECUPERO RISORSE'. A navigation bar contains 'Gestione', 'Strumenti', and 'Aiuto'. The main content area is titled 'Gestione Centri di Consumo'. On the left, there is a 'Ricerca' (Search) form with fields for 'Ubicazione' (Location) including 'Provincia', 'Comune', 'Via', and 'Civico', and 'Denominazione' (Name). Below these are 'Tipologia' (Type) and 'RICERCA PER SA' (Search by SA) sections. A 'Cerca' (Search) button and an 'Azzerà filtri' (Reset filters) button are at the bottom of the form. The main table area shows a message: 'Inserire i parametri di ricerca e cliccare sul pulsante CERCA. I risultati verranno visualizzati nella tabella.' Below this is a table with columns: 'Id', 'Tipologia', 'Denominazione', 'Ubicazione', and 'Amministrazione'. The table is currently empty, displaying 'Nessun record per le impostazioni selezionate.' and pagination information: 'Risultati per pagina: 20 / Risultati da 1 a 20 su 0' and '<-- Pagina precedente | Pagina successiva -->'. On the right side of the main content area, there are two icons: 'Nuovo Centro di Consumo' (New Consumption Center) and 'Ricarica' (Refresh).

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Thank You – Any Questions

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