

How many trams will the city of Bologna supply?

The City of Bologna (Comune di Bologna) has awarded CAF the Framework Contract to supply up to 60 trams, which includes the maintenance of the units for 4 years, as well as the supply of spare parts and special tools for the fleet.

How many tram lines are there in Italy?

The tram network will comprise four lines (red, yellow, green, and blue) and will be operated by the company TPB, owned by TPER (Trasporto Passeggeri Emilia Romagna), the same operator that awarded the CAF Group the contract to supply 127 hydrogen-powered Solaris buses last year.

Will Italy's energy transition become clear?

The energy transition in Italy could soon gain clarity through the so-called FER-X interim decree for future tenders for onshore wind energy and photovoltaic projects, as well as the FER-2 decree for offshore wind farm projects, regarding the decisive initial phase of its progress towards 2030.

Does ATAC have a tram extension option in Rome?

In addition, the Italian operator ATAC S.p.A., the company that manages public transport in the Rome metropolitan area, has made use of a first extension option provided for in the Framework Agreement for the tram supply project, which CAF was awarded at the end of last year.

What is a CAF-designed Urbos tramway?

The CAF-designed units pertain to the Urbos tramway platform, a model with more than 1,000 vehicles already in service in more than 20 countries on five continents. In this case, the tram will comprise 5 modules and will have a capacity for more than 200 passengers along its 35-metre length.

How much is CAF's tram contract worth?

It has been awarded the Framework Contract for the supply and maintenance of trams for Bologna, and has also reached an agreement with the Rome operator ATAC S.p.A. to extend the tram contract that CAF is currently undertaking for the Italian capital. As a whole, these new awards are worth approximately EUR200 million.

The energy transition is moving fast at KEY - The Energy Transition Expo. The numbers speak for themselves: +20% increase in total attendance with +40% from abroad compared to 2024; over 1,000 exhibitors - more than 30% from ...

On the Paris T3 tramline, a Citadis tram has been fitted with a bank of 48 supercapacitors to simulate catenary-free running. Alstom is also trialling flywheel storage on a tram in Rotterdam. This is roof-mounted and runs in a vacuum at speeds around 20,000 rpm providing a net energy storage of 4kWh and 325 kW peak power.

HyperStrong is a leading energy storage system integrator and service provider. Founded in 2011, with over 13 years of R&D and experience garnered through more than 300 projects and over 20GWh of deployment, ...

Italy's shift toward renewables has highlighted the need for energy storage in the commercial and industrial sectors, which consume over half of national electricity and face ...

En Irizar e-mobility ofrecemos soluciones integrales de electromovilidad para las ciudades, tanto en lo que respecta a la fabricación de vehículos 100% eléctricos

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Trams, for their merits of comfortable, environmentally friendly, great passenger capacity, low energy consumption and long service life, are popular public transport in large and medium-sized cities [1]. Proton Exchange Membrane (PEM) fuel cell (FC), due to higher efficiency than the traditional combustion engine and practically null emission of polluting agents [2], is ...

We are excited to welcome you in Rimini from March 5-7 at the VSB Italy booth at KEY. The event will feature seven exhibition areas: Solar, Wind, Hydrogen, Energy Efficiency, E-Mobility, Sustainable City, and Storage. This year, the ...

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China Power Energy Storage Wins Two Annual Awards for Energy Storage. Yishui 300 MW/600 MWh Energy Storage Power Station Project (Phase I) in Shandong Province won the 2023 Award for Best Grid-Side Application Scenario Innovation. China Power Energy Storage exhibited its products including 1500 V liquid-cooled energy storage system

In this case, the tram will comprise 5 modules and will have a capacity for more than 200 passengers along its 35-metre length. It will also be fitted with the OESS (On Board ...

SRNE showcased its latest solar energy solutions at the KEY 2024 exhibition in Rimini, Italy. The company presented cutting-edge solar inverters, smart energy storage systems, and integrated photovoltaic solutions, emphasizing innovation and sustainability.

In 2023, residential energy storage continued to dominate Italy's energy storage landscape, representing the largest application scenario for newly added installations. Residential PV systems retained their prominence, ...

Renewable Energy - Italy trade shows, find and compare 59 expos, trade fairs and exhibitions to go - Reviews, Ratings, Timings, Entry Ticket Fees, Schedule, Calendar, Venue, Editions, Visitors Profile, Exhibitor Information etc. List of 17 upcoming Renewable Energy - Italy expos in Italy 2023-2024 1. Key Wind, 2. Elettroexpo, 3. Mostra Convegno Expocomfort, 4.

Upcoming Events; RE+ Events; RE+ 2025 Las Vegas. RE+ is the largest energy event in North America and RE+ 2025 Las Vegas will be the premier business-to-business event and the best place to connect with professionals from the solar ...

Each year, EES Europe, Europe's largest and most international exhibition for batteries and energy storage systems, provides a networking opportunity for the industry's key players, such as manufacturers, distributors, project developers, ...

Can the exhibition promote the participation of southern European companies in Italy's energy transition by showing them the opportunities for value creation through a comprehensive energy transition: an energy transition not ...

The second edition of RENMAD Storage Italia (April 2-3, 2025) will bring together leading experts and industry leaders to discuss the evolving energy storage landscape, exploring both the opportunities and challenges ahead. Be part of ...

From March 5-7, 2025, LuxpowerTek participated in Key Energy 2025 at Rimini Expo Centre, Italy. The event focused on renewable energy and energy storage. LuxpowerTek showcased ...

Energy Storage Summit Central Eastern Europe. 23 Sep - 24 Sep 2025; Warsaw, Poland; Revenues and Regulations: Enabling Large-Scale Regional Energy Storage Deployment The Energy Storage Summit Central ...

tram italy energy storage exhibition Technical and economic feasibility of increasing tram system A further economic feasibility on the single ESS installation at Shalesmoor was conducted to ...

Trams run from 5:30 am until midnight every day, like the city buses in Rome. At night, the trams are replaced by night buses. Remember to validate your ticket. Remember when you get on any tram to validate your ticket at their validation ...

The upcoming MACSE auctions, a mechanism introduced by Terna, Italy's electricity transmission system operator, to procure energy storage capacity, are poised to drive exponential growth in ...

The energy balance of separate and common OCS has been well investigated, but there exists little research that directly compares the energy balances based on the same light-rail or tram system. An energy storage

system (ESS) is considered as an effective measure to improve regenerative

campers the demand energy and the generated ones together and talks about the benefits. In conclusion, the thesis argues the methodology of the operation of a sample tram with solar panels on rooftop and onboard battery as energy storage space and catenary as alternative energy, particularly for rainy days and night times.

392Ah top energy storage battery cell is launched! From battery cells to systems, REPT BATTERO releases full-scenario energy storage solutions! ... The 13th Energy Storage ...

As the photovoltaic (PV) industry continues to evolve, advancements in Energy storage in Italy have become critical to optimizing the utilization of renewable energy sources. From innovative battery technologies to intelligent energy management systems, these solutions are transforming the way we store and distribute solar-generated electricity.

The future of energy meets at KEY. The energy transition is gathering speed and the big, record-breaking numbers at KEY - The Energy Transition Expo, the IEG-Italian Exhibition Group event of reference in Europe, Africa and the Mediterranean basin, which closed today at Rimini Expo Centre, are the proof. With a +20% increase in total attendance (of which +40% from abroad) ...

Key Storage Expo. Among the new features of KEY 2024 there is also a thematic area, which adds to and complements the previous 6 and emphasizes storage.. The importance of developing storage projects has grown and is growing ...

In Italy, Rome will also start seeing new trams on its streets this year as part of a EUR 457 million deal to supply 121 new trams that can take up to 215 passengers. The new ...

47900 Rimini Italy, :ITALIAN EXHIBITION GROUP SpA,, ... ?(The Energy Transition Expo ) ...

PNIEC envisages the 2030 energy storage scenario to consist of 8 GW of hydroelectric pumping systems (most of which are already in place), 4GW of distributed energy storage systems (i.e. smaller scale storage systems integrated with residential, mostly photovoltaic plants - many of these distributed energy storage systems are also already in ...

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