

Why should you choose flowbox for Advanced Energy Management?

Czech company FLOWBOX has over 300 installation of its autonomous tool for advanced energy management. From clients' experience, we know that the biggest barrier to savings is the opacity of the current state and all the possibilities of managing energy flows.

How much wind power does Morocco have?

Total installed capacity from solar energy currently stands at 831 MW. According to the Ministry of Energy Transition, and Sustainable Development, Morocco could potentially generate 25,000 MW of wind power. At present, Morocco has an installed capacity from wind energy of 1553 MW, the second largest volume in Africa behind South Africa.

Why has Morocco expanded its pumped storage hydropower plants?

Anticipating the projected decrease in precipitation, Morocco has expanded the capacity of its pumped storage hydropower plants, which are less dependent on precipitation than other types.

Are Moroccan hydropower plants facing increased aridity?

Source: International Energy Agency (IEA) . Moroccan hydropower plants facing increased aridity under various climate scenarios from 2021 to 2100. Source: International Energy Agency (IEA) .

Will Morocco replace coal power plants with natural gas power plants?

Morocco's strategic initiative to replace coal power plants with natural gas combined-cycle power plants emerges as a potential solution to enhance power system resilience against water stress. The national plan aims to install an additional 2,400 MW of natural gas power plant capacity by 2030 and completely phase out coal-fired plants by 2050.

How can Morocco improve energy security?

The Government of Morocco seeks to increase security of supply by reducing dependence on energy imports, including increasing use of renewable sources for electricity production. As of the end of 2022, the share of renewable energy in the electrical capacity mix stood at 38 percent, or 4,154 MW.

FLOWBOX EMOS is an advanced system for real-time monitoring, optimization and management of energy flows within energy communities based on actual consumption and resource availability, ensuring stable and efficient operation of the energy community.

This easy process, described in steps 1-5, shows how FLOWBOX Energy Data Intelligence takes you from data collection to smart decisions and significant savings. However, achieving the best results also requires active involvement from the customer and the use of the software. At critical stages, it is necessary to evaluate the identified areas ...

And two years after that, Flowbox is celebrating again - as the only Czech company mentioned in the Gartner Hype Cycle 2024 for low-carbon energy technologies. "This is recognition not only for the company itself but also for the entire Czech Republic," says COO Pavel Jirnek.

The FLOWBOX software is an acclaimed tool for the digitalization of the energy sector, used by over 300 clients worldwide. It is utilized across various sectors from industry, real estate, to municipalities and cities. FLOWBOX is synonymous with technological innovation in energy management. Do you want to prepare for the future?

How about saving hundreds of thousands of euro every year? This is the kind of energy savings that the award-winning startup FLOWBOX offers to companies of all sizes and segments. Its ...

From managing and optimizing energy distribution, forecasting demand, to charging electric vehicles and ensuring security, artificial intelligence is becoming a key element in the energy sector. But can it really solve all the unique energy puzzles of the Czech Republic? And might AI itself ironically become the biggest energy consumer in the future? These questions and more ...

FLOWBOX Energy is a key partner of Czech town of Jindřichův Hradec in an innovative municipal energy community project. Participating institutions will use common renewable energy sources from next year. FLOWBOX Energy has prepared the concept, technical solution and also subsidy coverage of the town project. ...

SDX Energy's portfolio contains interests in 6 concessions in Egypt and Morocco. In Egypt, SDX has a working interest in two producing assets: a 36.9/67% operated interest in the South Disouq concession in the Nile Delta and a 50% non-operated interest in the West Gharib concession located onshore in the Eastern Desert adjacent to the Gulf of Suez.

We're thrilled to announce that FLOWBOX has been recognized as a Sample Vendor in the prestigious Gartner's Hype Cycle(TM) for Low-Carbon Energy Technologies, 2024! The Gartner Hype Cycle provides a comprehensive analysis of key low-carbon energy technologies, showcasing their current maturity, impacts, and risks. FLOWBOX's recognition as a rapidly ...

Similar companies Flow-Box Intelligent company-wide end-to-end energy management system Fusebox Energy Our software enables energy flexibility in smart assets across most sectors PowerBox Technology LLC Bringing Advanced Energy Systems to Latin America and Caribbean Mob Box Mob Box empowers companies through sustainable mobility strategies. FlowActive, ...

Efficient management of energy flows in operations can lead to significant cost savings for companies. Thanks to the installation of an autonomous platform that consolidated the management of energy flows, the industrial plant BAUMRUK & BAUMRUK reduced lighting costs by 40% and heating costs by up to 86%. The overall

energy costs of the company decreased ...

COO at Flowbox | Energy Efficiency | Smart Buildings | ESG · Pracovní zku?enosti: FLOWBOX Energy · Lokalita: Hlavní m?sto Praha · P?es 500 spojení na LinkedIn. Podívejte se na profil u?ivatele Pavel Jiranek na LinkedIn, komunit? profesionál? s miliardou ?len?.

Jet Energy. Location: Casablanca, Morocco Company type: Wholesale, Installation Year founded: 2008 Main product: Solar Panels, Solar Inverters, MPPT Charge Controller, Solar Battery, Solar Pumping, Photovoltaic lighting. Jet Energy. Jet Energy stands as a prominent figure in Morocco's solar industry, offering a comprehensive array of solar solutions ...

FLOWBOX co-owner, Tomas Rendla, recently presented our EMOS software at the DigiStage of the National Center of Industry 4.0 at MSV. Energy Management Optimization System (EMOS) is an innovative energy management software that helps industrial companies to better use energy, optimize operations and reduce their carbon footprint.

Building and business owners are looking at how to optimize energy costs and generally, how to correctly set up their energy concept. They are aware that they must improve their energy management, as energy costs will significantly determine a company's competitiveness in the near future. Easily achievable savings are often already exhausted, and it becomes necessary ...

FLOWBOX, a pioneer in advanced energy management and optimization systems, announced its inclusion in the prestigious Gartner® Hype Cycle(TM) for Low-Carbon Energy Technologies, 2024. According to FLOWBOX, this recognition highlights the company's innovative contributions to the energy sector, particularly in the category of Energy Management and Optimization Systems ...

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