



Energy & Data Centers Romania – The Strategic Entry Moment

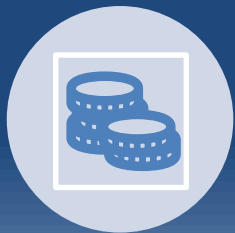
Exploring New Investment Opportunities

Liviu Manole
CCIB UK Representative

CCIB & UK Office – Institutional Gateway ^{LCCI}



Romania: Economic Growth



GDP per capita vs. EU average: ~44% in 2007
→ ~78% in 2025



One of Europe's strongest growth trajectories



EU Member State – Full Single Market Access



Strategic East–West infrastructure position

Energy Transition at Scale

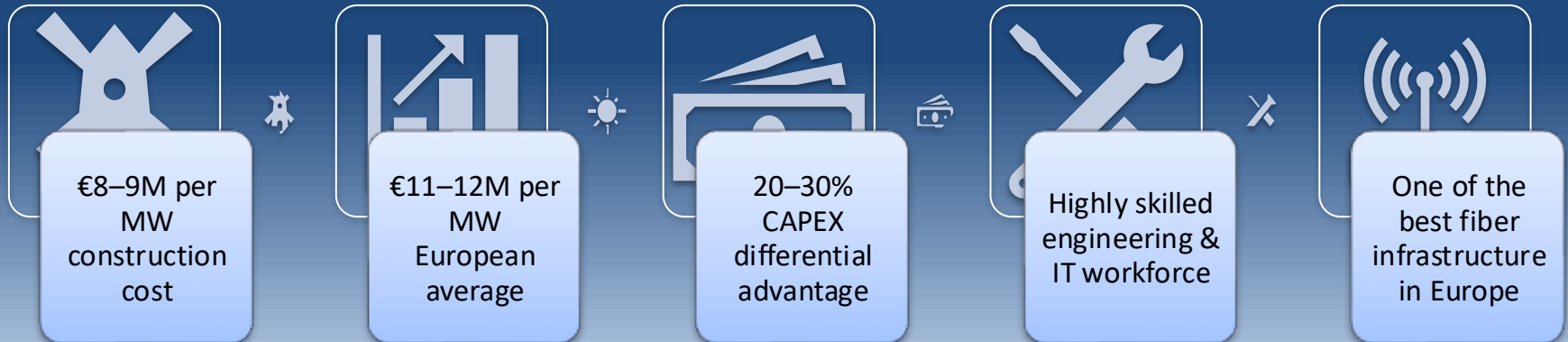
Large renewable pipeline: wind, solar, hydro + storage

Nuclear capacity expansion underway

EU-funded green transition acceleration

Long-term stabilisation of energy supply mix, grid investment

Data Centre Structural Advantage



Now is the Strategic Entry Window

Rapidly growing economy connected to European market

Renewable acceleration reshaping supply

Structural CAPEX advantage in DC sector

Early positioning drives returns

Engage with CCIB for opportunities

Contact

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DC Investment Opportunities in Romania



The
data centre
trade association

www.dcauk.org

MARK ACTON

LCCI / CCIB PRESENTATION

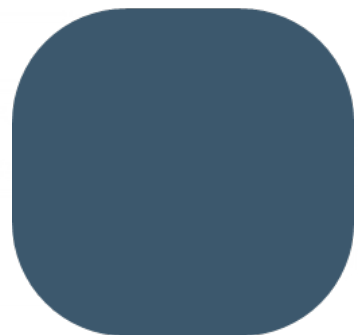
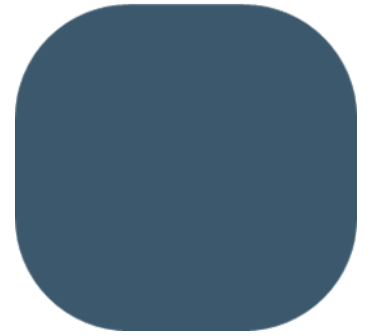
24TH FEBRUARY 2025

THE DATA CENTRE MARKET

The data centre market is driven by a number of key factors.

Including but not limited to:

- **Power** – Immediacy of availability, Capacity, Energy Source, Cost
- **Policy** – The ease of transaction, government support for digital development
- **Planning and Permitting** – Ease of planning approval, digital growth zones
- **People** – Is there workforce available to support projects and local population demand
- **Product** – Is it easy to ship and then support the infrastructure components required
- **Public** – Positive perception and attitude



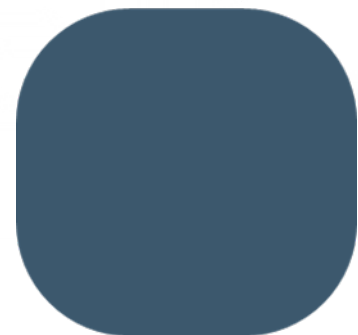
TRADITIONAL MARKET CHALLENGES

The traditional data centre market is facing constraints.

Resulting in a move to Tier 2 and Tier 3 markets away from FLAP -D

Among these are:

- **Power** – Capacity limits and long delivery lead times
- **Policy** – Ambiguous. Rhetoric not matched by action
- **Planning and Permitting** – Difficult with no clear data centre guidelines
- **People** – A shortage of skilled labour in traditional locations
- **Product** – Straightforward
- **Public** – Negative public perceptions and attitudes

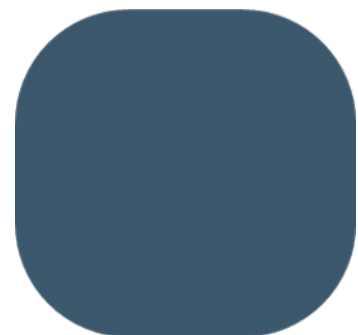
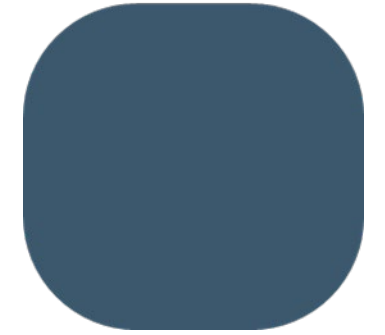


WHAT ABOUT ROMANIA?

The areas where Romania can support the digital developments and become a destination of choice for data centre development:

- ✓ Use of former industrial zones with power available
- ✓ Rapid power availability with sufficient capacity
- ✓ Clear digital policy with ease of planning (TBC)
- ✓ A well - educated local engineering workforce
- ✓ Limited negative public perception issues and positive approach to digital infrastructure improvements

RESULT: OPPORTUNITIES FOR DATA CENTRE GROWTH



DCA news and updates

BY STEVE HONE, CEO, THE DCA

THIS MONTH Data Centre Solutions editorial theme has a number of topics Edge, 5G and Energy Efficiency. The DCA have chosen to focus on Energy Efficiency. We have three articles from DCA Partners. I'd like to thank EnerSys, Carbon 3IT and Enel X (along with Digital Realty) for taking the time to write these articles which I hope you will find them interesting.

Michael Sagar, Direct of Marketing Energy Systems, EnerSys provides an informative piece titled – 'Unlocking the Potential: Data Center Energy Storage's Dual Function in Backup and Grid Balancing'. Michael's article explores how data centre energy storage can play a dual role in backup and grid balancing, not only ensuring customer data integrity but also facilitating the clean energy transition, lowering the overall carbon footprint.

John Booth, MD Carbon3IT & Chair DCA Energy Efficiency SIG has spent time considering AI and Data Centres - 'Beware the AI'ds of March (The Ides of March)' – John points out that AI is THE dominant topic at most of the data centres events he's attended recently. His observation - AI, is taking over all rational thought and perhaps we should all take a deep breath, and consider what we are doing...

John Byrne, Managing Director – Ireland, Enel X, and Evan Barker, Manager - Facilities Engineering, Digital Realty have collaborated, producing an article that relates to how leveraging the flexibility of data centre UPS through Enel X and Digital Realty's award-winning collaboration avoids over 30,000 tonnes of CO2 emissions and supports Ireland's renewable energy transition. 'Grid-interactive UPS – How data centres can actively enable Ireland's renewable energy transition'.



The DCA's - Data Centre Transformation 2024
22 October 2024 at The IET, Birmingham

The event comprises of panel sessions, workshops and updates from Government and Industry Experts. The conference programme starts at 10.00am and finishes at 17.00pm, followed by informal networking drinks and The DCA Dinner. All DCA Members and Partners are welcome at DCT along anyone else who has an interest in the Data Centre Industry.

Don't miss this fantastic one-day event!
[Click here to register for Data Centre Transformation 2024!](#)

To find out more information about The DCA [click here](#) or email us mss@dca-global.org

INTRODUCTION TO THE DCA

The Data Centre Alliance is the representative body for the UK data centre community.

As the Trade Association to the Data Centre sector in the UK, The DCA's aim is to ensure the industry is educated and well informed.

For 16 years we have supported our Members and Partners across the sector by providing technical information and contacts as well as enabling them to publish their content in DCA features and at DCA supported events.

We are proud to have published hundreds of separate articles and spoken at multiple events each year, each one **thought leadership** based, and all designed to address key topics affecting the sector.

DCA Member and Partner articles continue to influence key decision makers in the sector.



The
data centre
trade association

QUESTIONS & CONTACT DETAILS

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MONSSON, BEYOND THE MEGAWATT

Data Centers in Romania. The Next Wave

One Group. Four Specialized Divisions.

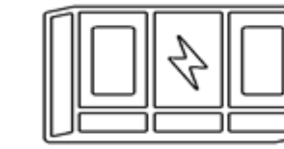
Monsson's integrated model is built on four specialized companies, each a leader in its own field:



Wind



Solar PV



Battery Storage

Group Key Figures for 2024

Turnover

€300 m



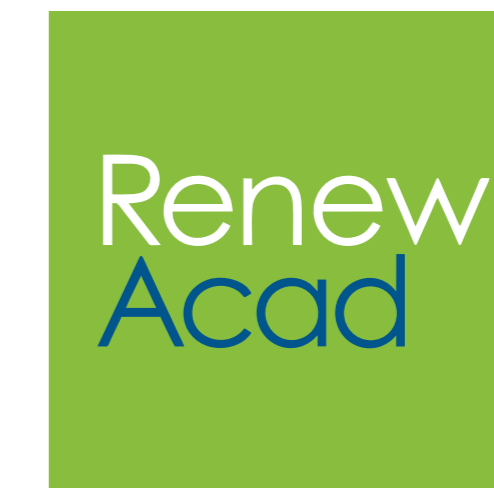
Monsson Ltd. develops utility-scale renewable projects, including wind, solar, hybrid, storage, and hydrogen, with end-to-end services from land and grid studies to RTB and EPC coordination.



Monsson Trading manages the commercial side of renewable production – delivering smart strategies, portfolio optimization, and flexible supply solutions.



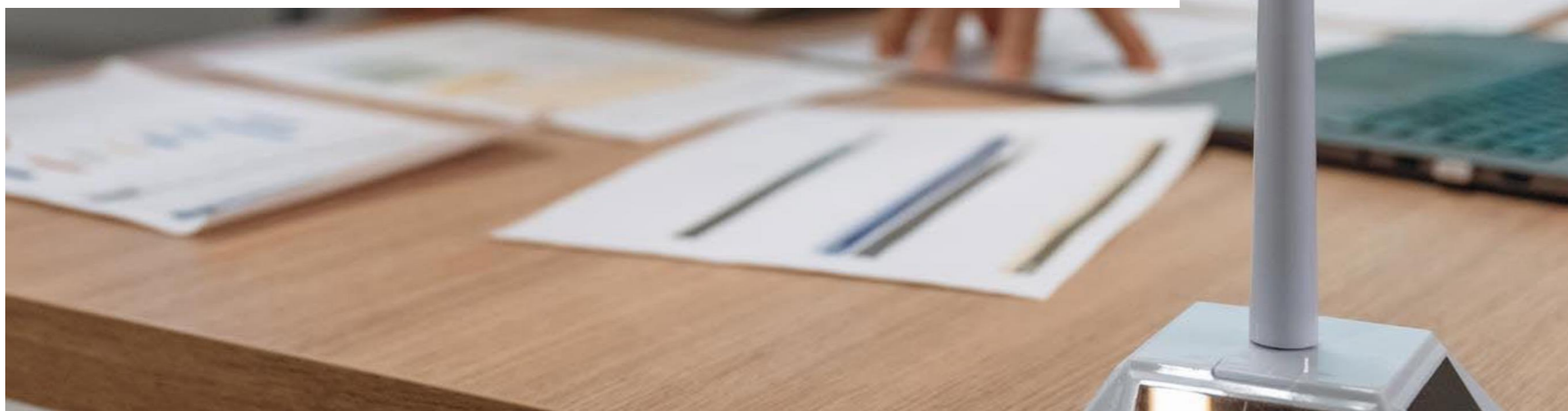
Monsson Operation ensures that renewable energy assets perform at their highest level, with 24/7 dispatch, SCADA monitoring, and full-scope O&M services.



RenewAcad trains the next generation of clean energy professionals, offering international certification, reskilling programs, and hands-on technical learning.

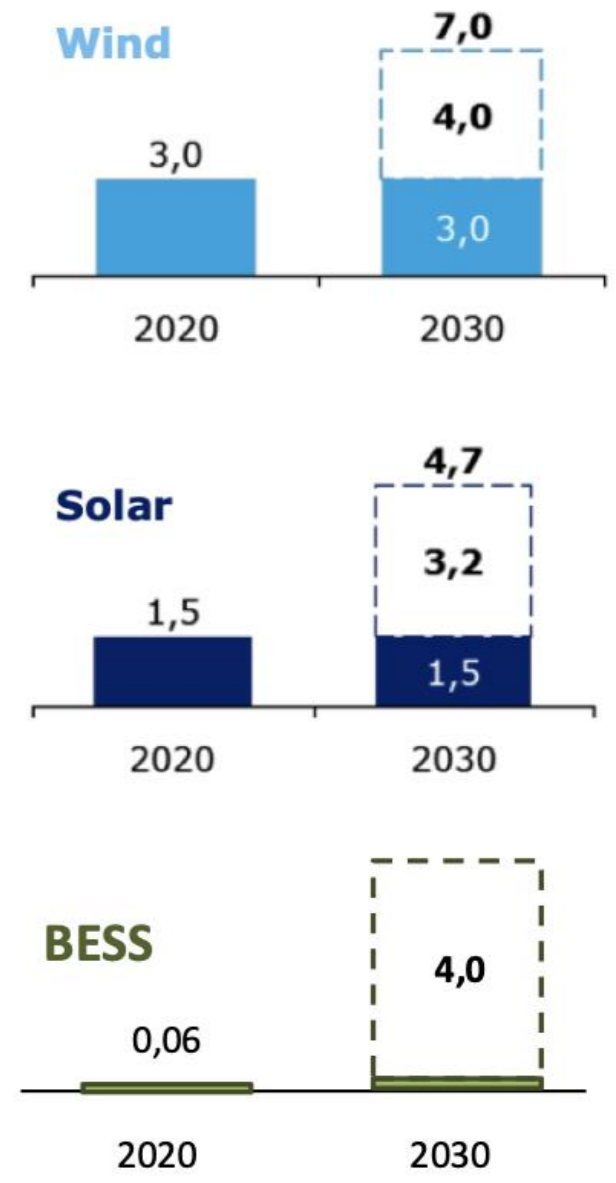
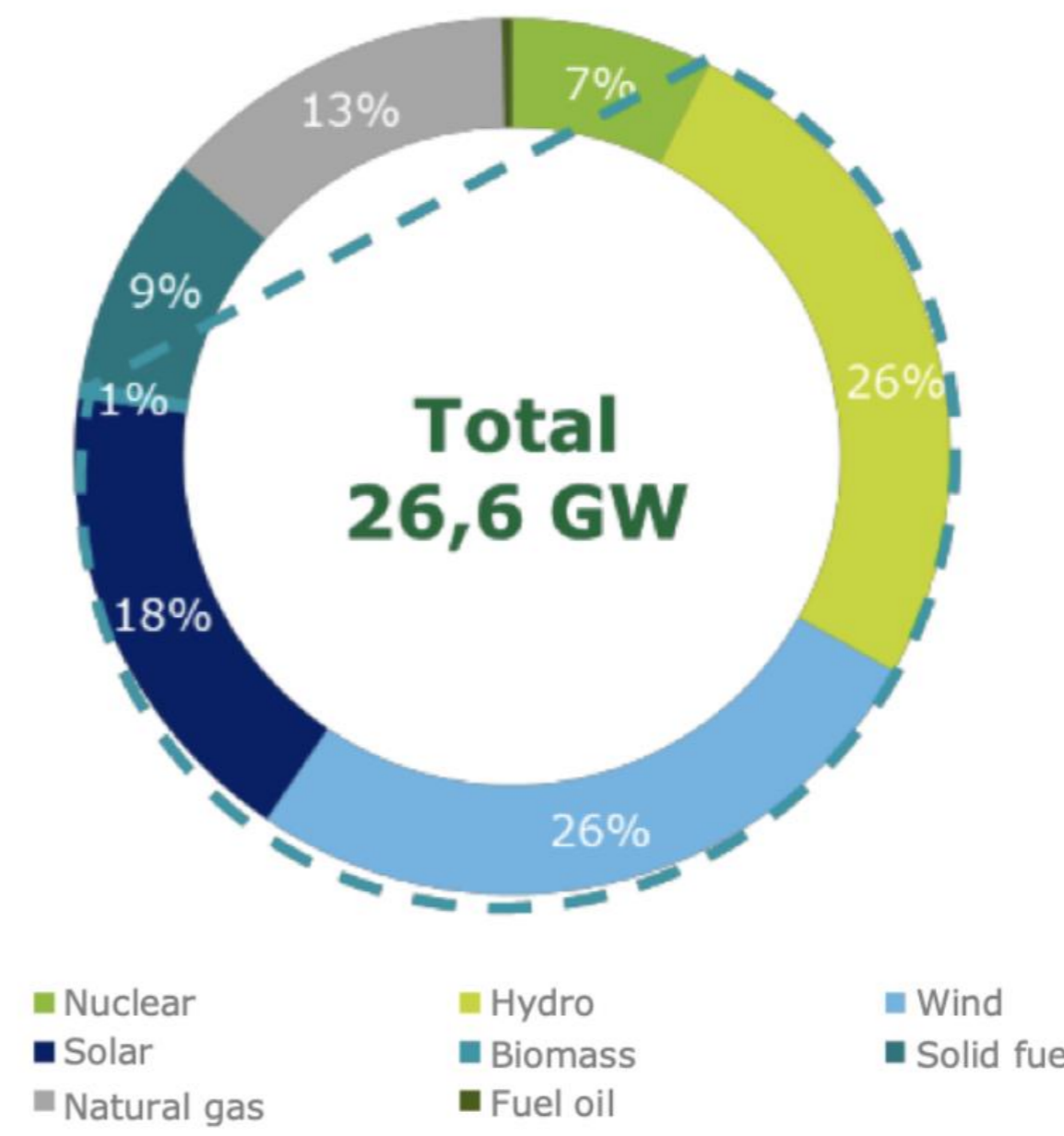


Overview of Romania's Energy Landscape



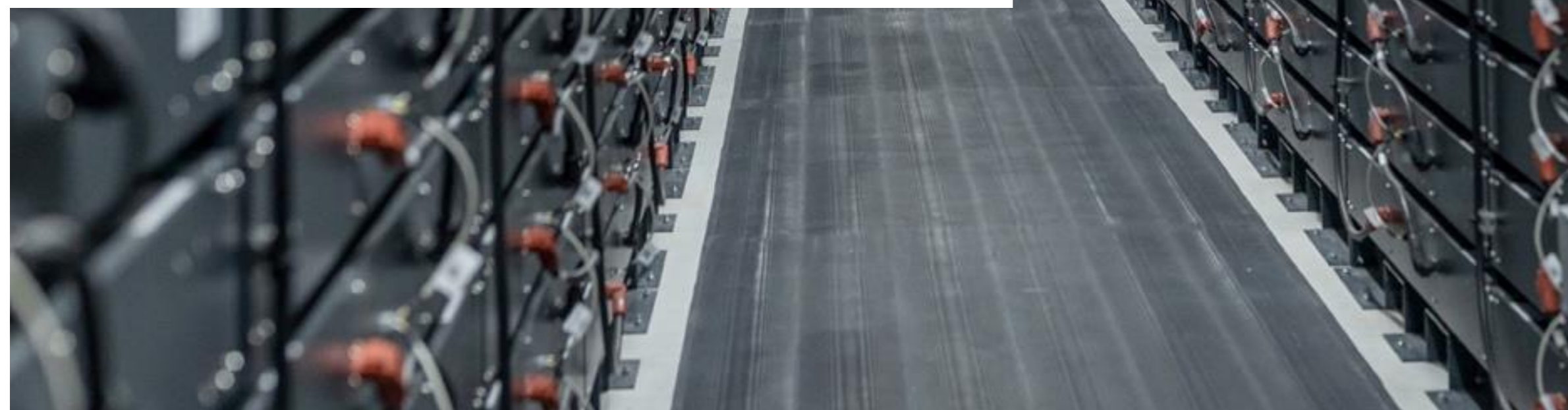
- As the third-largest economy in Central and Eastern Europe, Romania has shown impressive GDP growth, positioning itself as a regional economic leader.
- Following trends in other EU economies, the high inflation rate seen in 2023 (estimated at 10.7%) is projected to decline to 3.6% by 2025.
- Domestic demand is expected to remain the primary driver of growth, bolstered by EU fund absorption and a resilient labor market.
- With continued convergence towards European economic standards, Romania is well-positioned for sustainable growth, supported by a low unemployment rate (below the EU average), rising disposable income, and the stabilization of medium-term inflation.

Net installed capacity depending on the source 2030 [% , GW]





What is NEXT? Data Centers



Renewables have a +200% increase yearly

RES Associations did a lot of education to the government and promoted RES

- Create a Fast-Track-Permitting law for DC's
- Educate people to new jobs with new digital skills
- Connect DC's to RES + BESS Power Plants
- Less than 6 months permitting and environmental
- Close to strategic borders
- Lower grid connection costs

We're not chasing the future.
We're engineering it.

Let's Shape the Future Together

Whether you're a utility, investor, developer, or public stakeholder, we bring deep market insight, integrated services, and a track record of delivery. Let's build an energy system that works smarter – and lasts longer.



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