




elicio
BY nethys

Moldova Business Week Green Energy

14th November 2019

- **Corporate Presentation of Elicio**
- **Serbian Support Scheme**
- **Comparative overview of the support systems for wind projects in Moldova vs Serbia**
- **Presentation of Alibunar wind farm - video**

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International producer
of renewable energy

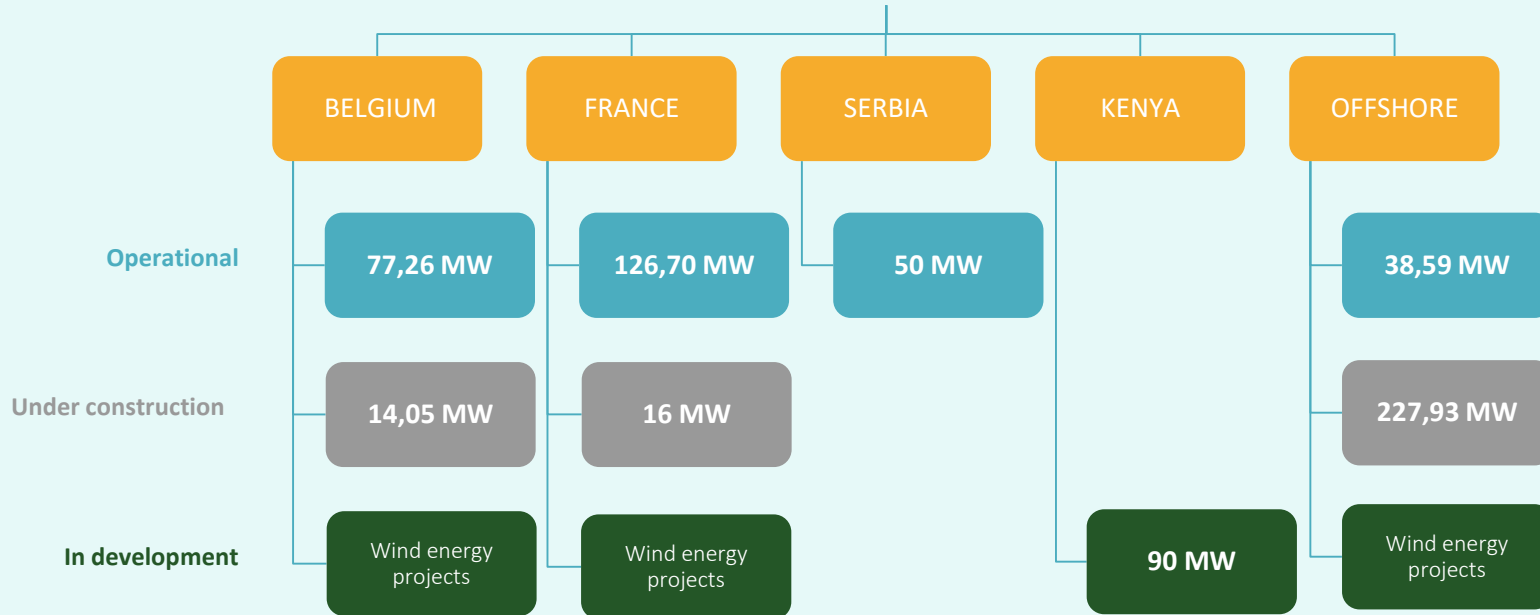
ELICIO IS ACTIVE AT EVERY STAGE OF A PROJECT:

- }- screening of new sites
- }- project development
- }- engineering
- }- financing
- }- construction
- }- operations
- }- repowering





WIND ENERGY: AN INDUSTRIAL EXPERTISE





WIND ENERGY, ONSHORE

32 operational wind farms in **Belgium, France** and **Serbia**

➤ **BELGIUM** : 16 operational wind farms with a gross output of **77.26 MW**

➤ **SERBIA**: 2 operational wind farms with a gross output of **50 MW**

➤ **FRANCE**: 14 operational wind farms with a gross output of **126.70 MW**

1 wind farm under development in **Kenya**

➤ **KENYA**: 1 wind farm of **90 MW**

A portfolio of wind energy projects in development

➤ **ONSHORE** : in Belgium and France

IN TOTAL:

THE CURRENT WIND FARMS GENERATE **548,750** MWh/YEAR GROSS

TOTAL INVESTED (GROSS) OUTPUT **253.96** MW

ELICIO POWERS THE EQUIVALENT OF **173,800** HOUSEHOLDS PER YEAR

1 operational wind farm in the **Belgian North Sea**

2 wind farms under construction in the **Belgian North Sea**

A portfolio of offshore wind energy projects

Rentel (www.rentel.be):
Gross capacity: **309 MW**
Net for Elicio: **38.59 MW** (12,5%)

Norther (www.norther.be):
Gross capacity: **370 MW**
Net for Elicio: **184.8 MW** (50%)

Seamade (www.otary.be):
Gross capacity: **478.2 MW**
Net for Elicio: **42.63 MW** (8,75%)

France: Dunkerque in tender phase

IN TOTAL (Rentel):

THE CURRENT WIND FARM GENERATES **1,175,000 MWh/YEAR GROSS**

TOTAL INSTALLED (GROSS) POWER

309 MW

ELICIO POWERS THE EQUIVALENT OF

335,000 HOUSEHOLDS PER YEAR



Internationally active in
the wind energy sector

Both in Belgium and internationally,
ELICIO is developing a portfolio of wind
projects with a total capacity of

954 MW





Elicio NV (HQ)

John Cordierlaan, 9
8400 Ostend - Belgium

T. +32 (0)59 56 97 00

F. +32 (0)59 56 97 01

info@elicio.be
www.elicio.be

Elicio France SAS

30 Boulevard Richard Lenoir
75011 Paris - France

T. +33 (0)1 85 56 06 90

F. +33 (0)1 85 56 06 95

info@elicio-france.fr
www.elicio.be/fr



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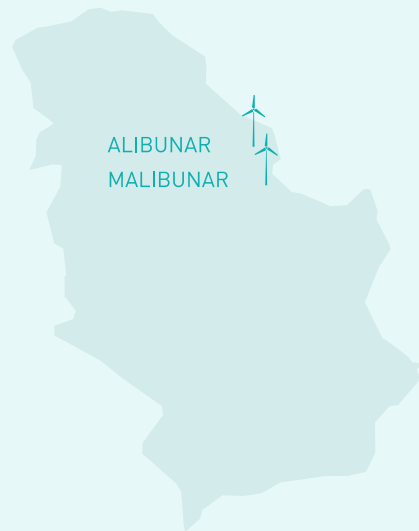
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SERBIA – OPERATIONAL WIND FARMS



LOCATION	COMMISSIONED	POWER IN MW	% OF SHARES	TOTAL MW
ALIBUNAR	2018	42	100%	42
MALIBUNAR	2017	8	100%	8
		50		50



ALIBUNAR
MALIBUNAR



ALIBUNAR
MALIBUNAR

42

MW



36,000

6,900

households/
year



88,200

16,800

tons of CO2
avoided/year



SERBIA – SUPPORT SCHEME

In Serbia, the support scheme for the production of electricity from renewable energy sources is a **feed-in tariff (FiT), regulated by the Energy Law and special Decrees passed in 2016.**

The producers need to obtain the status of a „privileged power producer” in order to acquire the right to sign a power purchase agreement (PPA) with the guaranteed supplier Elektroprivreda Srbije, and to receive the FiT **for an incentive period of 12 years.**

The amount of the FiT is regulated in the Decree on Incentive Measures for Electricity Generation from Renewable Energy Sources and it mainly depends on the type of RES technology.

For wind technology, **the FiT is of 92 EUR per MWh**, payable for a maximum operation time for the quarter of the incentive period for wind energy is 9,000 hours.



SERBIA – SUPPORT SCHEME

The maximum total installed power of wind energy which can benefit from the support scheme (the cap) was limited to **500 MW**.

Currently, the cap has been fully occupied and out of 500 MW, **398 MW are already installed / operational**.

Our wind farms, Alibunar and Malibunar, were the first ones to receive the status of privileged power producers and are currently fully operational, **supplying clean energy for over 38,000 households in Serbia**.

After a successful implementation of the first scheme, according to unofficial information, the Serbian Ministry of Mining and Energy engaged an external consultant to propose a new support scheme for the future.

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MOLDOVA compared to SERBIA – SUPPORT SCHEME

	Moldova	Serbia
Support system	Feed-in system with tendering procedure	Feed-in system with administrative procedure (no tenders)
Cap for wind energy	80 MW	500 MW
Support instrument	Ceiling price for tenders	Fixed feed-in-tariff
Amount (support level)	~75 EUR/MWh (ceiling tender price)	92 EUR/MWh (fixed FiT)
Duration of the support	15 years	12 years
Access to the grid	Free-of-charge access to the grid, limited to the 1000 MW grid capacity.	Guaranteed free-of-charge access and use of the grid. Reinforcement works required on case-by-case basis.
Balancing responsibilities	No balancing responsibility or costs for RES producers until the electricity market is declared liquid by the regulator.	No balancing responsibility or costs for RES producers



MOLDOVA compared to SERBIA – SUPPORT SCHEME

	Moldova	Serbia
Payment security instruments	Ongoing regulation	Blank bills of exchange with a “waiver of protest” clause and unlimited period of validity (without date of expiration), registered at the National Bank of Serbia.
Commitment of no changes to the legislative framework	Ongoing regulation	In case of legislative amendments, the PPA is adjusted for the purpose of putting the producer in the same financial standing as it had prior to the date of the respective amendments.
Restrictions on use of land	Use of sites/land parcels with a Soil Potential Index above 60 points is forbidden.	No restrictions.

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