



## Expression of Interest

Invitation to participate in selection of a Solar EPC and O&M Contractor for Engineering, Procurement, Construction and Operation & Maintenance Services for Solar PV Project with tentative capacity of 134 Mwe(dc) in Romania

# Key investment highlights

Unique opportunity to contribute to the development of the largest solar photovoltaic project in Romania.

<b>Favorable market environment</b>	<ul style="list-style-type: none"> <li>• Romania is consolidating its sizeable economic presence in the CEE space, converging with regional powerhouses like the Czech Republic and Poland.</li> <li>• Strong macroeconomic fundamentals, fastest growing economy in CEE during the last 5 years, 5% CAGR GDP growth vs 3.7% for the region.</li> </ul>	<b>Strategic location and access to infrastructure</b>	<ul style="list-style-type: none"> <li>• Strong presence of TSO and DNO in the area nearby site 1 (Giurgiu) due to the vicinity with the capital city, where the electrical grid is dense.</li> <li>• Sites locations can be easily accessed using the existing road network infrastructure.</li> </ul>
<b>Favorable regulatory framework</b>	<ul style="list-style-type: none"> <li>• Favorable energy policy context with encouraged shift towards renewable energy sources, both at EU and national levels.</li> <li>• No additional regulatory barriers expected for solar power projects in the long-term, as Ruserio's contribution is crucial for the achievement of the national E-RES targets.</li> </ul>	<b>Financial overview and upside potential</b>	<ul style="list-style-type: none"> <li>• Power generation capacities which are expected to be decommissioned in the future generate the need for additional capacities to be developed, as to cover future demand, which is expected to increase.</li> </ul>
<b>PPA law</b>	<ul style="list-style-type: none"> <li>• The government Emergency Ordinance no. 143/2021 finally removes the PPA ban from the Energy Law no. 123/2012, after almost 10 years</li> </ul>	<b>Proven technical solutions</b>	<ul style="list-style-type: none"> <li>• High power density and high energy yield Bifacial PERC Si-mono silicon modules to leverage the total investment cost per kilowatt.</li> </ul>
<b>Largest solar project in Romania</b>	<ul style="list-style-type: none"> <li>• Project already gained momentum and is now in pre-construction phase, with grid connection study already in development and land already acquired in strategic locations for 2 PV projects.</li> <li>• All 14 permits required for the construction of the facility have been granted.</li> </ul>		<ul style="list-style-type: none"> <li>• The modules also harvest energy from the rear side, demonstrating higher energy yields.</li> <li>• Monocrystalline 2x78 cell modules with peak power of 570Wp and maximum efficiency of 99%.</li> <li>• Guaranteed yearly average performance ratio of 82.8% for the 1st year.</li> </ul>

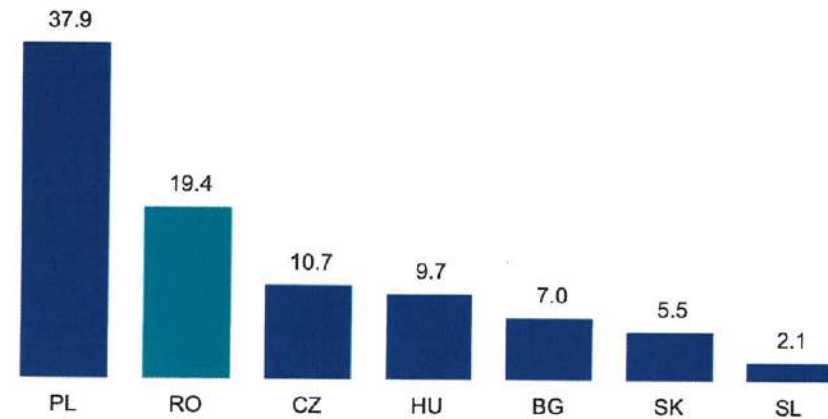
# Macroeconomic overview (1/2)

Positioned strategically, 2<sup>nd</sup> most populous CEE country

## Romania – 2019 snapshot



## Population in 2019 (mn)



### Favorable economic position in CEE

2<sup>nd</sup> most populous CEE country after Poland

2<sup>nd</sup> fastest growing economy in 2019 after Hungary

2<sup>nd</sup> largest economy after Poland

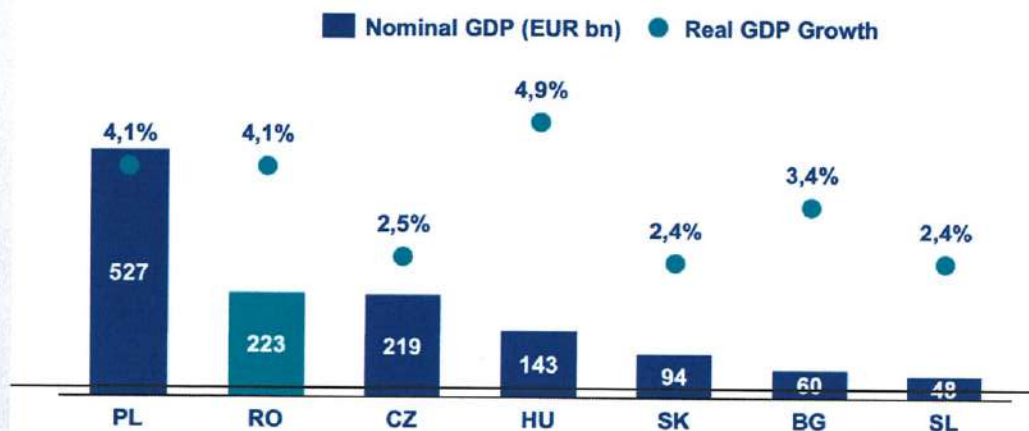
Source: EIU

# Macroeconomic overview (2/2)

Strong macroeconomic fundamentals, fastest growing economy in the last 5 years

## Strong macroeconomic fundamentals, fastest growing economy in the last 5 years

Strong economic development in 2019



- Romania is consolidating its sizeable economic presence in the CEE space, converging with regional powerhouses like the Czech Republic and Poland.
- The country has developed based on solid fundamentals, with low levels of debt, and controlled inflation all while maintaining high levels of labor productivity.
- In 2019, following outstanding years from a macroeconomic perspective, Romania registered the second fastest growth rate in CEE.
- GDP is expected to decrease in 2020 due to COVID-19 prevention measures, followed by a recovery process starting from 2021.

Romanian GDP evolution forecast

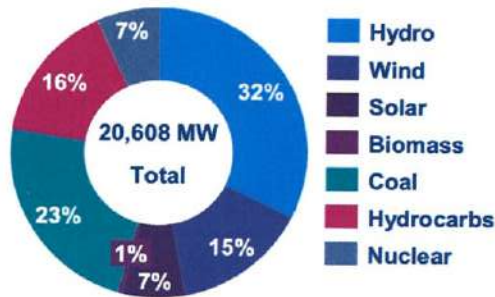


- The COVID-19 crisis brings uncertainty in the economy making it difficult to predict economic consequences; The EIU predicts a contraction of 4% in real GDP during 2020, the IMF a 5% decline, while the World Bank is the most optimistic with a 0.3% expected increase. All three, forecast a rebound starting from 2021.
- Compared to the 2010 crisis, government has been involved at an early stage in socio-economic affairs, through social protection measures, which have eased the lockdown's consequences and paved the way for a linear recovery process

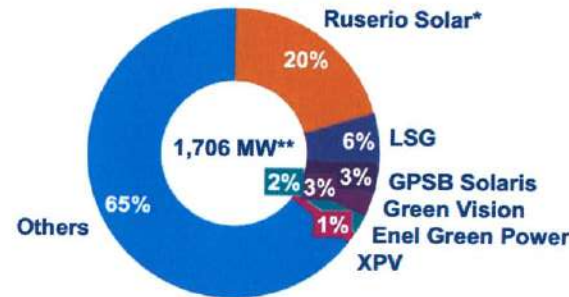
# Renewable Energy Market

Favorable energy policy context with encouraged shift towards renewable energy sources

Romanian EE – Installed capacity

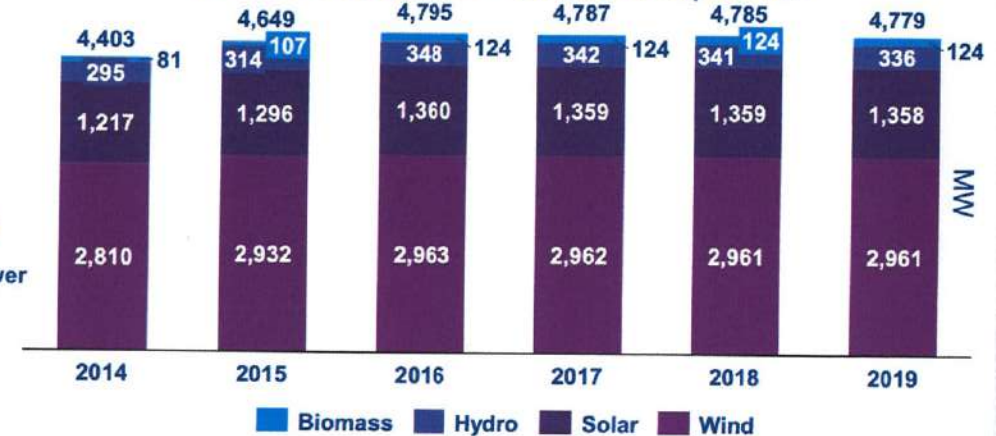


Solar PV Generation units – Installed capacity



\* Representation of Ruserio solar in the current E-RES market  
 \*\* 1,358 MW without Ruserio

E-RES Producers – Installed capacities



- Solar energy accounted for 28% of E-RES installed capacities in 2019. \
- Conventional sources of electricity production (namely thermo-energy groups) require reengineering and modernization, approx. 80% of them having exceeded their useful life and few of such power plants being equipped with GHG emission reduction facilities.
- Historically, Romania has been a net exporter of electricity. The gap between net internal consumption and net production has been lowering. Romania has become a net importer of electricity in 2019.

- While the baseline scenario in SEN development plan assumes the increase of E-RES installed capacities until 2027 by 23.5% (+1,056 MW), the green scenario (which implies major investments, integration of E-RES sources, increased energy efficiency, reduction of CO2 emissions, maximum development of Smart Grid solutions and energy storage capacities) assumes the increase of E-RES installed capacities until 2027 by 46.3% (+2,056 MW).
- Sustainability of the energy sector along with energy security and green energy generation are among Romania's key strategic objectives.