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How does Moldova fare with greening its economy?

**Selected policy messages based on
the green growth indicators**

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State of play in 2021: What GGIs tell us about the current situation in Moldova?

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Environmental and resources productivity: **Main findings**

Economic growth partially decoupled from use of natural resources, but pressures remain

- Less energy and water consumption in the production process
- Relative stability of CO₂ emissions
- Increase in renewable energy supply
- Less production waste, but more household waste
- Use of mineral fertilisers is accelerating

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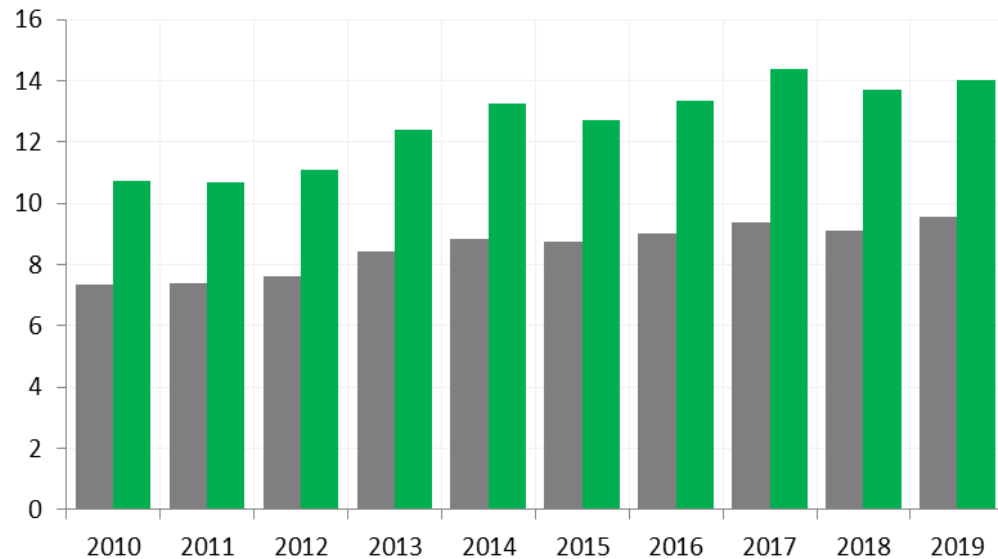
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Environmental and resources productivity: selected trends

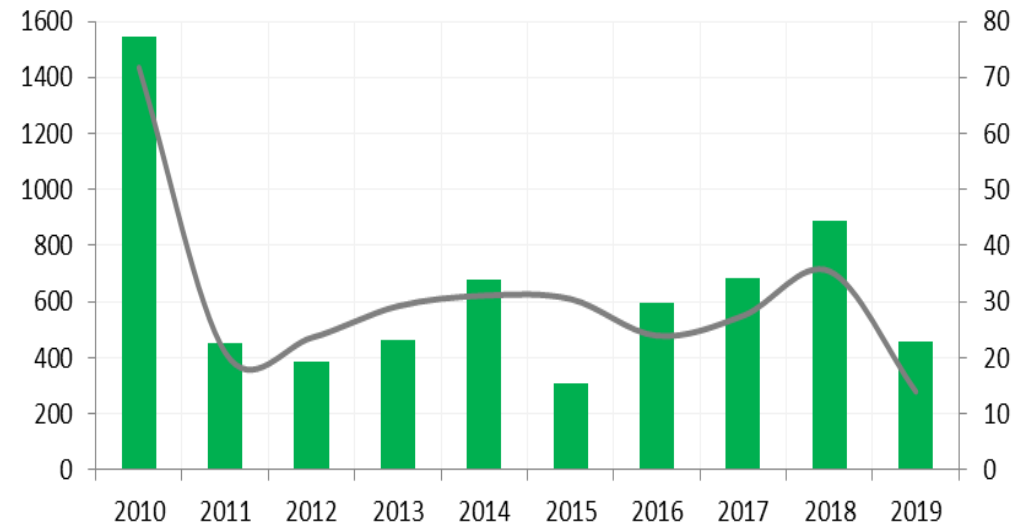
GHGs and carbon productivity in Moldova

- GDP/CO2 emissions, MDL (2010=1)/kg CO2 equivalent
- GDP/GHG emissions, MDL (2010=1)/kg CO2 equivalent



Recycled waste and waste generated by enterprises

- Ratio between used waste and production waste, %, right axis
- Used waste, thousand tonnes



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Environmental and resources productivity: Policy messages

To the Government

- Develop programmes to increase energy efficiency
- Harness the potential of renewable energy sources
- Invest in waste collection, processing, treatment and disposal capacities

To donors

- Grant preferential financing lines through green financing facility programmes
- Supplement public spending for waste management projects

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Natural asset base: Main findings

Moldova needs action on several fronts to protect its natural resources

- Large water losses during transportation
- Limited forest resources – 11.3% from total surface
- Deteriorating quality of soil and rapid advancing of erosion
- Slow transition to organic agriculture
- Visible depletion of biological diversity

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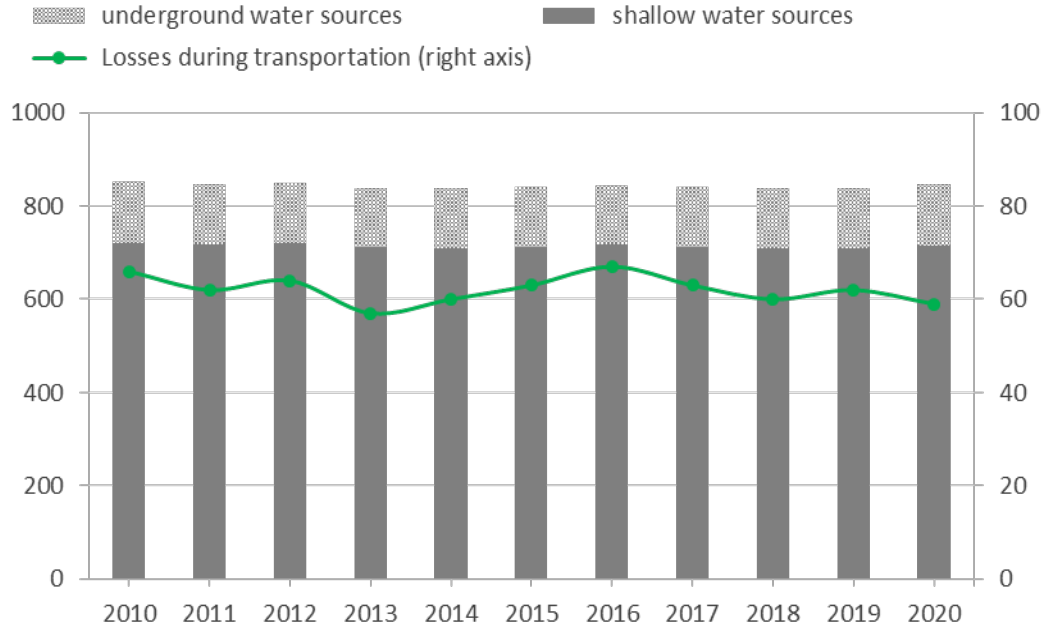
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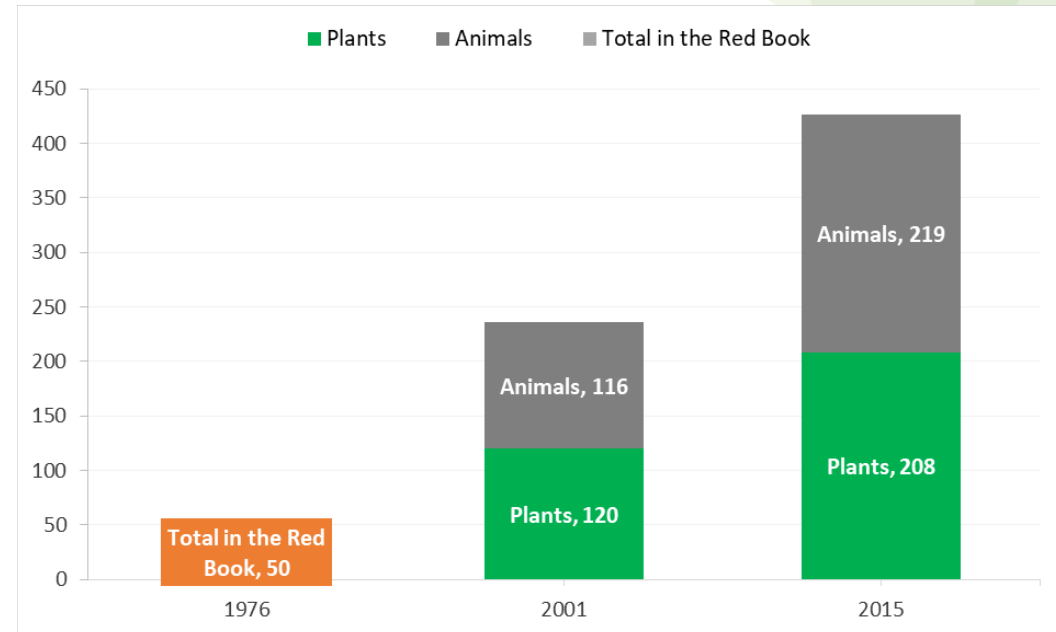
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Natural asset base: Selected trends

Water intake (million m3)



Protected plant and animal species included in the Red Book of Moldova (1976-2015)



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Natural asset base: Policy messages

To the Government

- Complete the institutional reform of the Waters of Moldova Agency
- Timely development of the National Afforestation Programme and appropriate budget allocation for its implementation
- Promote conservation agriculture
- Expand state-protected natural areas

To donors

- Provide technical assistance to strengthen capacities of state institutions in the field of environment
- Provide financial support for implementation of state commitments in this field

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Quality of life: Main findings

Some indicators point to progress in improving quality of life, while others identify challenges

- Air emissions have been rising in Moldova since 2010
- People's access to safely managed drinking water services has increased, but
- Connection to sewerage systems lags behind significantly

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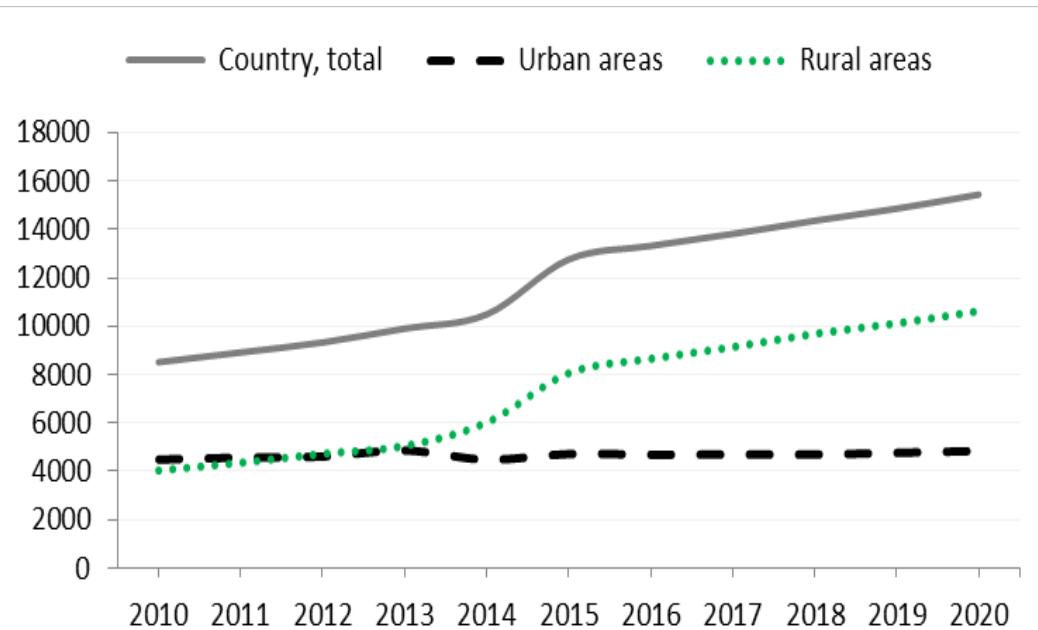
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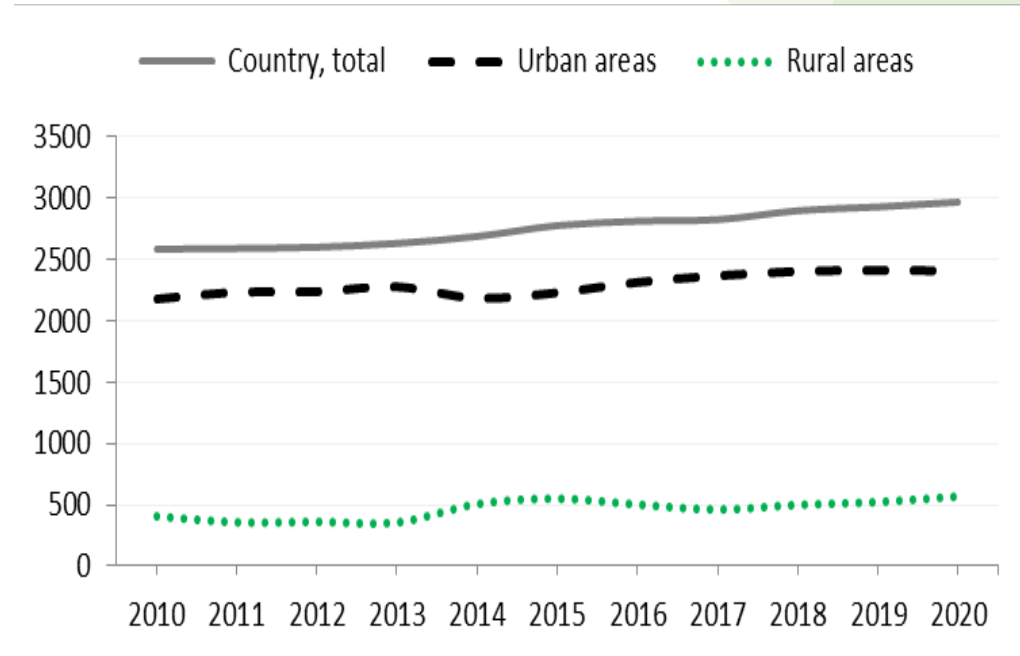
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Quality of life: selected trends

Public water supply networks length (km)



Length of public sewerage networks (km)



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Quality of life: Policy messages

To the Government

- Build/rehabilitate water supply networks, sewerage and public wastewater treatment plants
- Timely and efficient implementation of the National System for Integrated Monitoring and Air Quality Management
- Financing state projects related to the greening of business activities

To donors

- Technical support for adjusting the legal framework to the EU regulation
- Support grant programmes stimulating the private sector to invest in clean technologies

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Policy responses: Main findings

More economic opportunities associated with green growth can be unlocked

- Public investments in environment protection are modest
- Limited number of companies applying eco-innovation
- Energy subsidising targets mainly energy consumption rather than investments in energy efficiency
- Volume of subsidies in organic agriculture are extremely small

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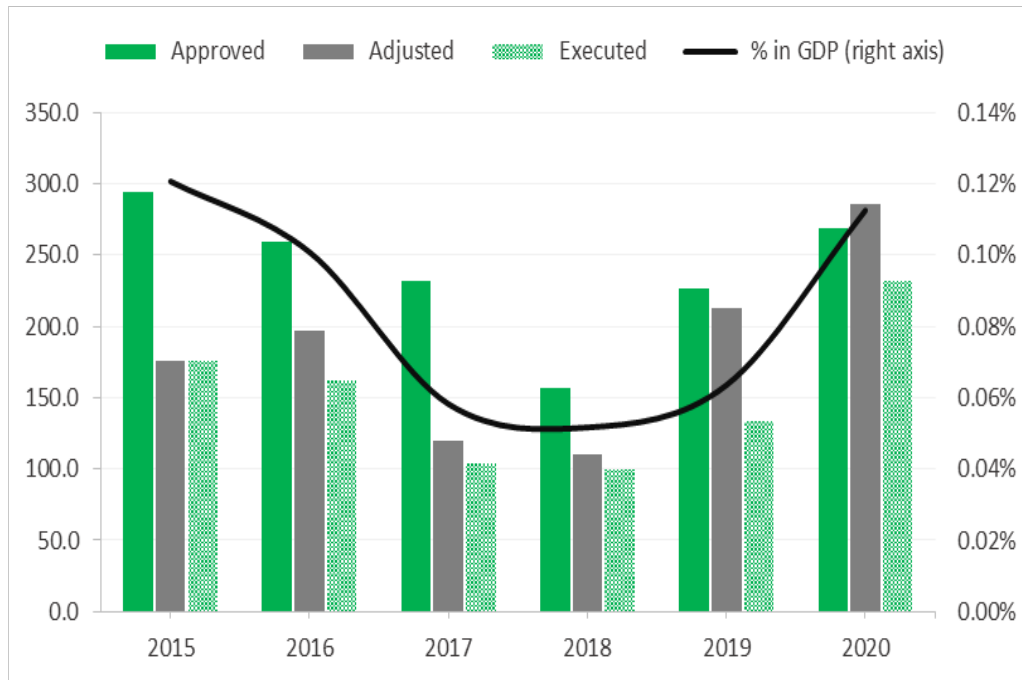
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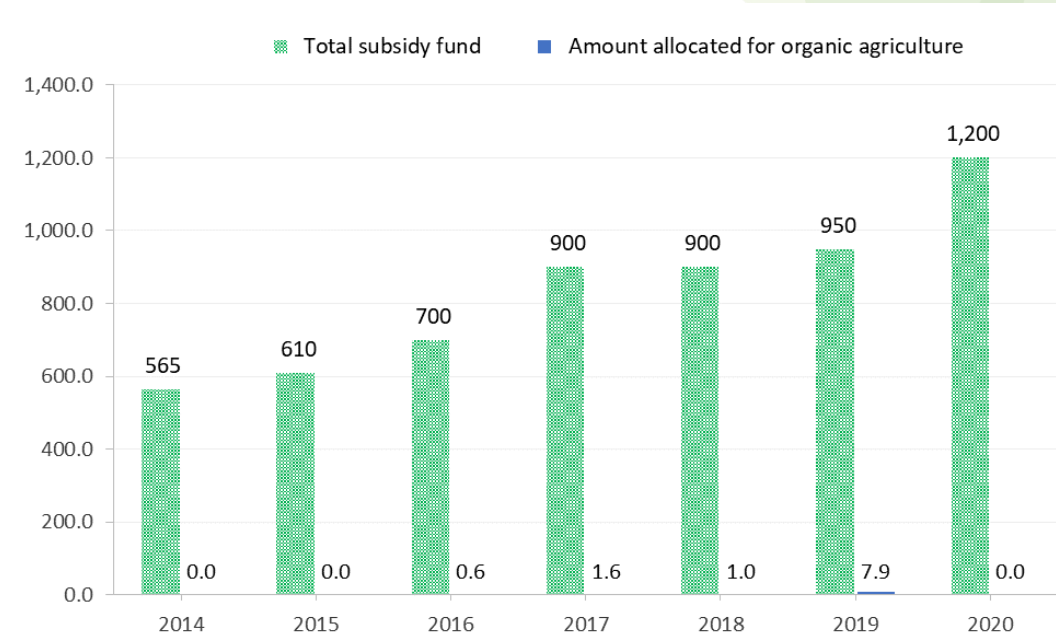
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Policy responses: Selected trends

State budget allocations for environmental protection (million MDL)



Volume of subsidies in organic agriculture (million MDL)



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Policy responses: Policy messages

To the Government

- Improve the collection of income to state budget and
- Expand public spending on environmental protection
- Tax incentives and support programs to help businesses switch to sustainable production models

To donors

- Finance consultancy and support programmes for greening business processes
- Research grants abroad for doctoral students

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Use of green growth indicators in policy-making

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GGIs contribution to better policies in Moldova

- **New Green Economy Programme and its 5-year Action Plan 2023-27**
- **Environment Strategy 2030**

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Digital platform on green growth indicators, hosted by the Ministry of Environment

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Digital platform

- First of its kind digital platform among the EaP countries
- Hosted by the Ministry of Environment

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Next steps – ways forward

- Ensure the international comparability of all environmental indicators from the National Programme
- Ensure availability of data on environmental indicators at the national level (e.g. material productivity, loans granted for green technologies, exposure to fine particulate matter, share of environmental technologies in all technologies developed)

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