



INTEGRATED WATER MANAGEMENT - A NECESSITY IN ROMANIA

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Abstract: *Water is a renewable natural resource, an indispensable element for life and society, a determining factor in maintaining ecological balance. Currently, this resource has become, in some situations, vulnerable and limited, or, on the contrary, in others, it may appear in excess. Thus, water can represent a risk factor*

• Introduction

Therefore, sustainable water management must be an integrated activity that, to be successful, must involve all stakeholders in water use: civil society, institutions, public authorities and the private sector. Water management is also a long-term process that requires a vision that goes beyond decades.[5,6] Such a vision is materialized through a common strategy, which takes into account the natural conditions, technological solutions and regional and national realities of each country.

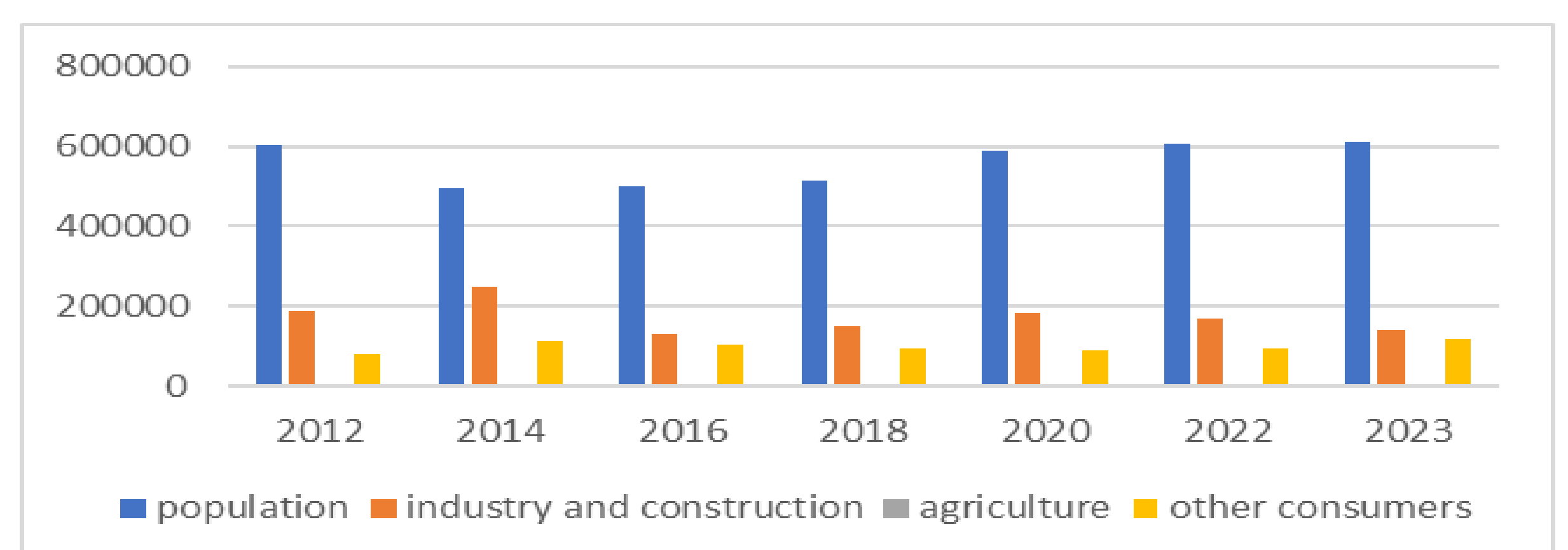
• Material and method

The methodology research is based on the processing and interpretation, at the Romanian level, of statistical data relating to the package of indicators linked to Goal 6.

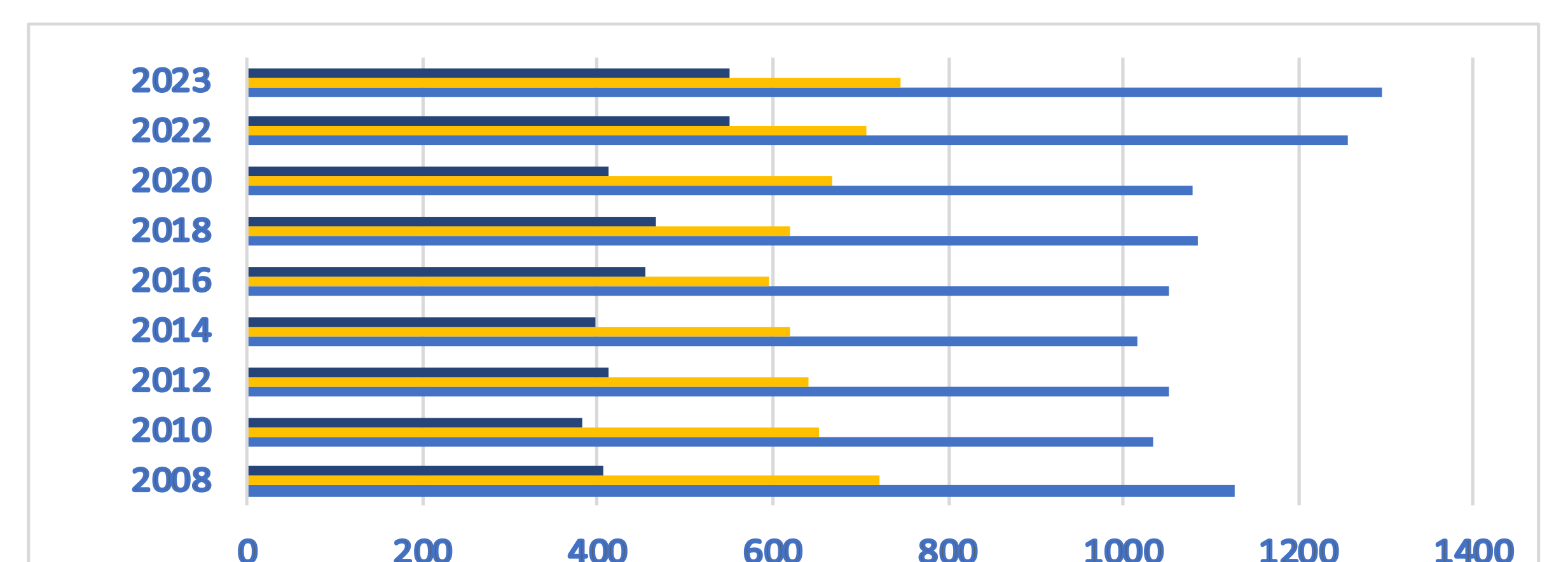
Despite the efforts and resources allocated by most states at the global and European level to Goal No. 6, there are major delays in meeting the proposed indicators for – Water supply and sanitation for all. The importance of this goal lies (also) in the fact that it is directly and indirectly connected to other goals, for example - SDG 1 - Eradicate poverty, SDG 2 - Food security, SDG 11 - Sustainable cities and human settlements, SDG 13 - Combat climate change, SDG 14 - Conserve and sustainably use the oceans, seas and marine resources and SDG 15 - Protect terrestrial ecosystems.

• Results and discussions

Volume of water abstracted by economic activities and sources



Volume of water abstracted by economic activities and sources



• Conclusions

In Romania, environmental policy, and In particular water management, has become an intersectoral policy whose strategy must be applied responsibly (especially in sectors considered to be the main or potential polluters);

It is essential to engage in a major exercise of prioritizing investments across the entire spectrum of water management;

The cost of inaction will be enormous (major financial penalties for non-compliance, lost opportunities for economic development and job creation in poor rural areas, etc.).