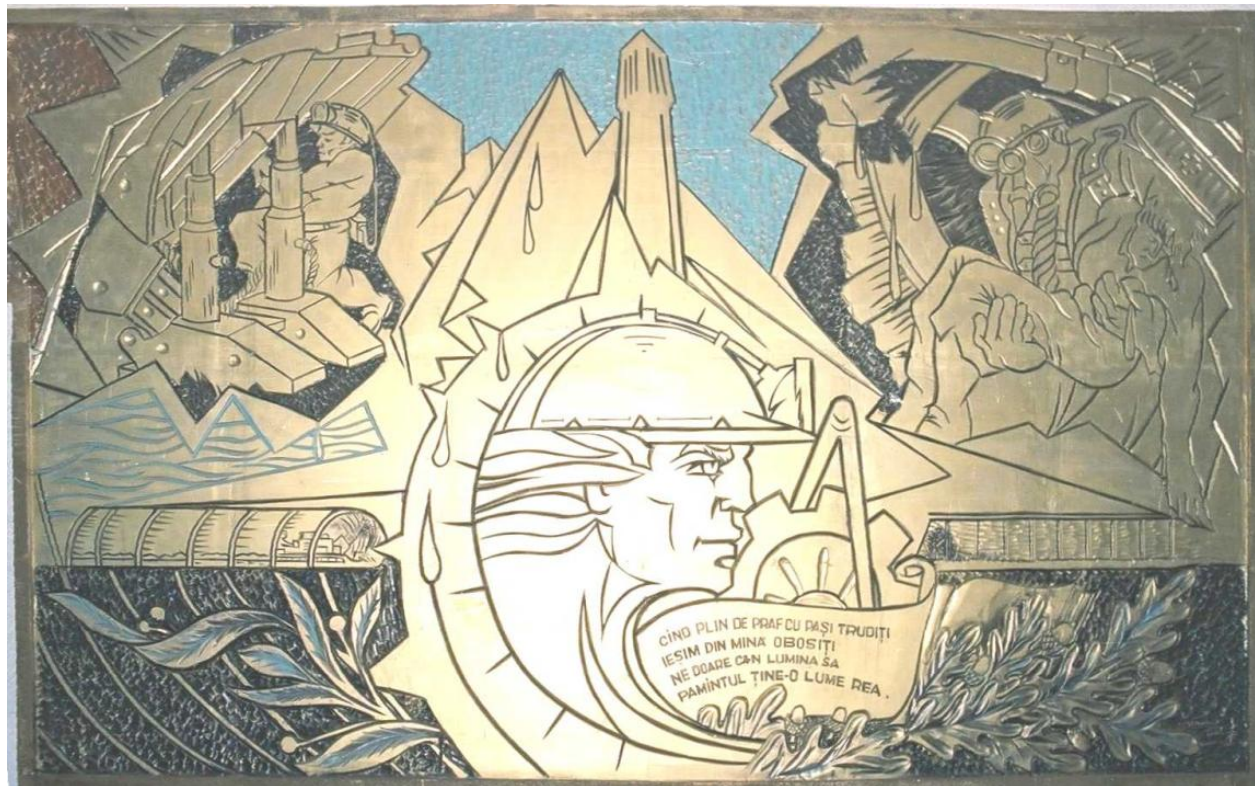
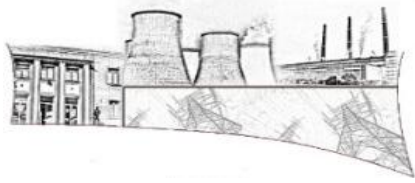


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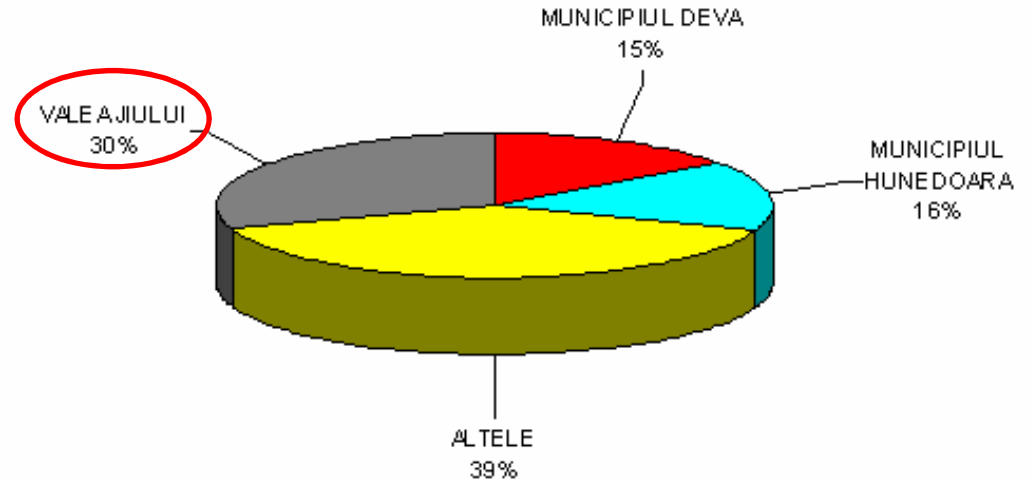




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Between 2000 - 2016, there was an average population of 530,601 inhabitants with stable settlements in Hunedoara County.

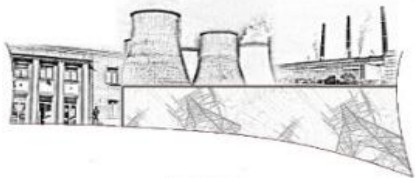


■ MUNICIPIUL DE VA

■ MUNICIPIUL HUNEDOARA

■ ALTELE

■ VALEA JIULUI



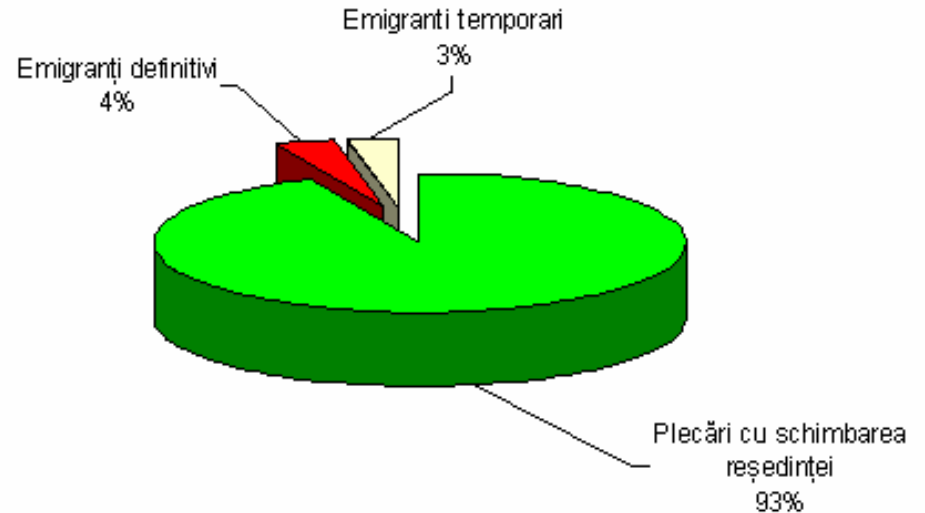
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Demographic data:

During 2000 - 2016, the population in Hunedoara County decreased by over 23%, as it was registered:

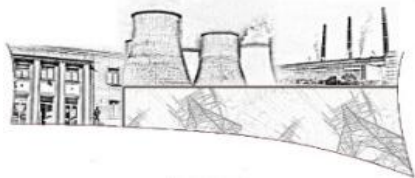
- ❖ 118.282 people changing settlement
- ❖ 4.906 definitive emigrants



■ Plecări cu schimbarea reședinței

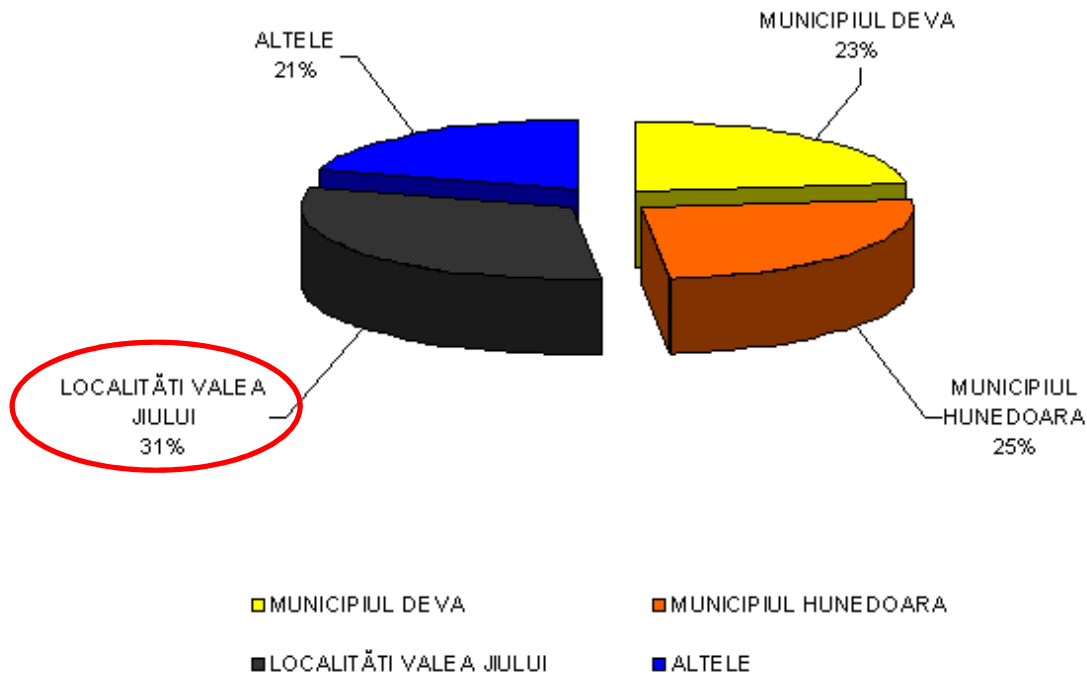
■ Emigranți definitiv

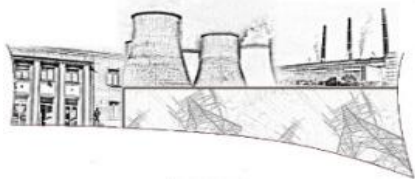
□ Emigranți temporari



Demographic data:

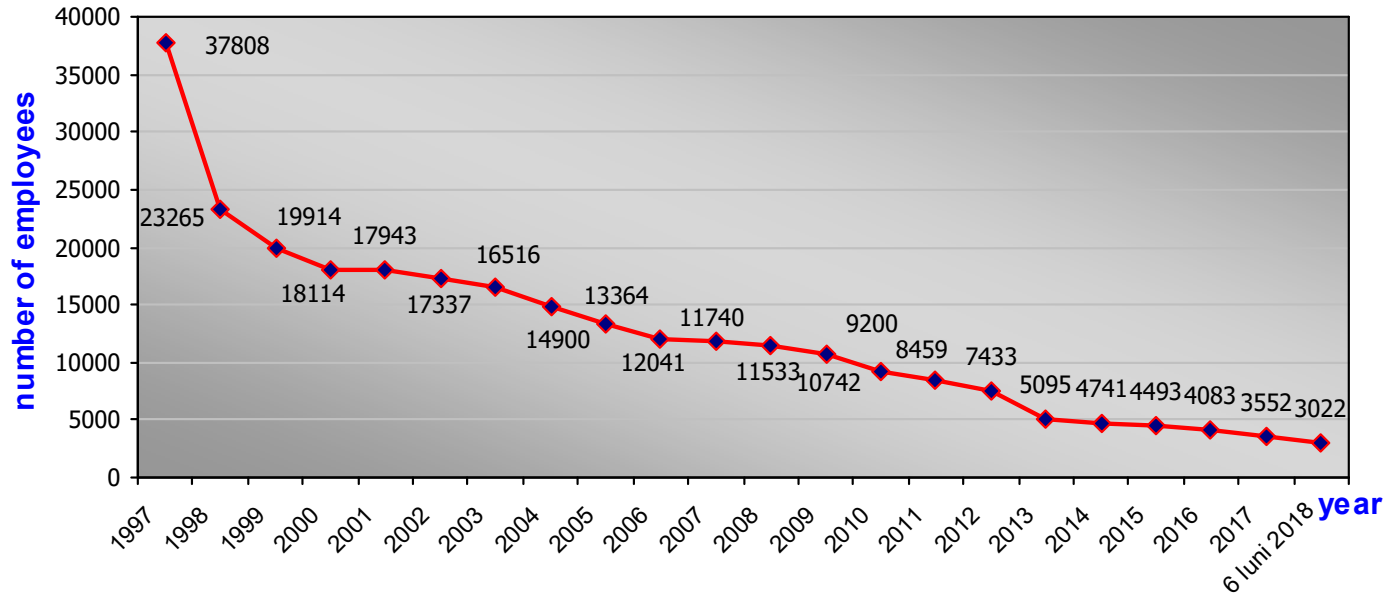
The distribution of the number of definitive emigrants in the Jiu Valley region, in Deva, Hunedoara and the rest of the localities





Reduction of employees involved in the mining activity in Jiu Valley

In the last 20 years, the average number of employees decreased from 37,808 in 1997 to 3,022 at the end of the first semester 2018.





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S. E. Deva



S. E. Paroseni





Strategic projects:

- 1. Project : Exploitation of methane gas from the degassing of operational coal deposits using cogeneration plants for electric and thermal power generation. (Coal Mine Methane-CMM).**

Scope:

- Use of methane gas associated with Jiu Valley coal deposit in cogeneration power plants for electricity and thermal power generation.
- Increasing underground exploitation safety.
- GHG emission lowering

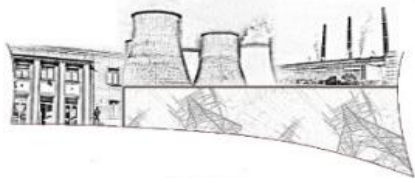
Possible partners : Petroșani University, INSEMEX Petroșani, investors

Budget – according to the feasibility study (approx. 3.940.020 euros)

Constraints :

- Financing
- Partnership

Project implementation: approx. 2 years.



Strategic projects:

2. **Project: Extraction and exploitation of methane gas from non-operated coal deposits using surface drilling (Coal Bed Methane - CBM).**

Scope :

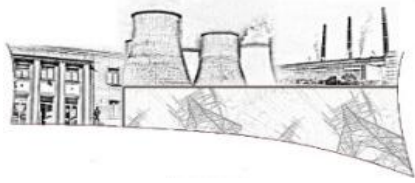
- use of methane gas coming from coal deposits as an alternative source to methane gas coming from hydrocarbons.
- GHG emission reduction

Possible partners: Petroșani University, INSEMEX Petroșani, investors

Budget – according to the feasibility study

Constraints :

- Financing
- Partnership



Strategic projects:

3. Project: Exploitation of methane gas from closed mines (Abandoned Mine Methane- AMM).

Scope :

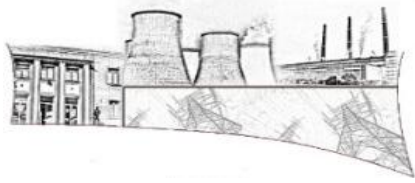
- use of methane gas coming from coal deposits as an alternative source to methane gas coming from hydrocarbons.
- GHG emission reduction

Possible partners: Petroșani University, INSEMEX Petroșani, investors

Budget – according to the feasibility study

Constraints :

- Financing
- Partnership



Strategic projects:

4. **Project: Exploitation of the hydrological, tourist and industrial potential of Baleia hydro power plant**

Scope :

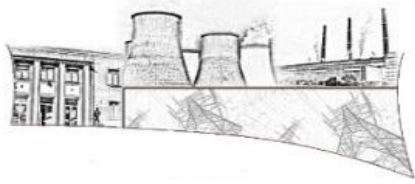
- Formation of a 4 ha lake;
- Increasing the attractiveness of Straja and Valcan Pass resorts by integrating this objective into the development projects of these tourist resorts.

Possible partners: local and regional authorities, investors

Budget: almost 20 million euros

Financing source : European Funds ROP 2014-2020 - Priority Axis 7 - Diversification of Local Economies through the Sustainable Development of Tourism

Constraints : providing from the local community's own funds of a 45% contribution for the proposed project.



Other potential projects:

Financing source: Priority Axis 4 - Key Area of Intervention KAI 2 - “ Exploitation of Renewable Energy Resources for Green Energy Production”

- 1. Capitalization of hydropower potential of the pool on Mures River, belonging to the Deva Power Plant branch, by installing micro-hydropower plants**
- 2. Photovoltaic park on the southern side of Bejan ash deposit belonging to the Deva Power Plant branch**
- 3. Use of the potential determined by the thermal gradient of the mining works by introducing and recirculating underground water.**

Financing source: “Life” program

- 4. Stabilization of tailings dumps by planting sea buckthorn and construction of a factory for sea buckthorn complete processing.**



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