

# SESSION 4

## 2. How do you assess the current state of water management in the mining industry in Kazakhstan?

[More Details](#)

● Highly efficient	0
● Efficient	1
● Inefficient	1
● Catastrophic	0
● Hard to say	0



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### 3. Kazakhstan is experiencing the largest flood in 80 years. How seriously have the floods affected the work of mining enterprises in Kazakhstan?

[More Details](#)

Promoters	0
Passives	0
Detractors	2



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4. **By 2030, water consumption in the industrial sector in Kazakhstan is expected to rise by 35%.  
What increase is expected at your company?**

[More Details](#)

- 35% or higher 0
- 35-30% 0
- 30-20% 0
- 20-10% 1
- 10-5% 0
- 5-0% 0
- It's hard to say 1



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5. **By 2030, the reduction of surface water resources in Kazakhstan will amount to 23 km<sup>3</sup>. How serious is the problem with water supply in your region?**

[More Details](#)

- High 0
- Average 1
- Low 1
- Average 1
- Minor 0
- We don't have any problems 0
- It's hard to say 0



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6. **Do you see water consumption to be a limiting factor to the expansion of the mining industry and a limitation on mining permits being granted in the next ten years?**

[More Details](#)

● Yes	2
● No	0
● It's hard to say	0



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## 7. What is the share of water resources in your company's operating costs?

[More Details](#)

Promoters	0
Passives	0
Detractors	2



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## 8. By how much your water spending has increased since 2023?

[More Details](#)

- Substantially 0
- Higher than expected 1
- Slightly 0
- Didn't increase 1
- It's hard to say 0



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## 9. Does your company have a plan to reduce water consumption and replenish reserves?

[More Details](#)

● Yes	2
● No	0
● It's hard to say	0





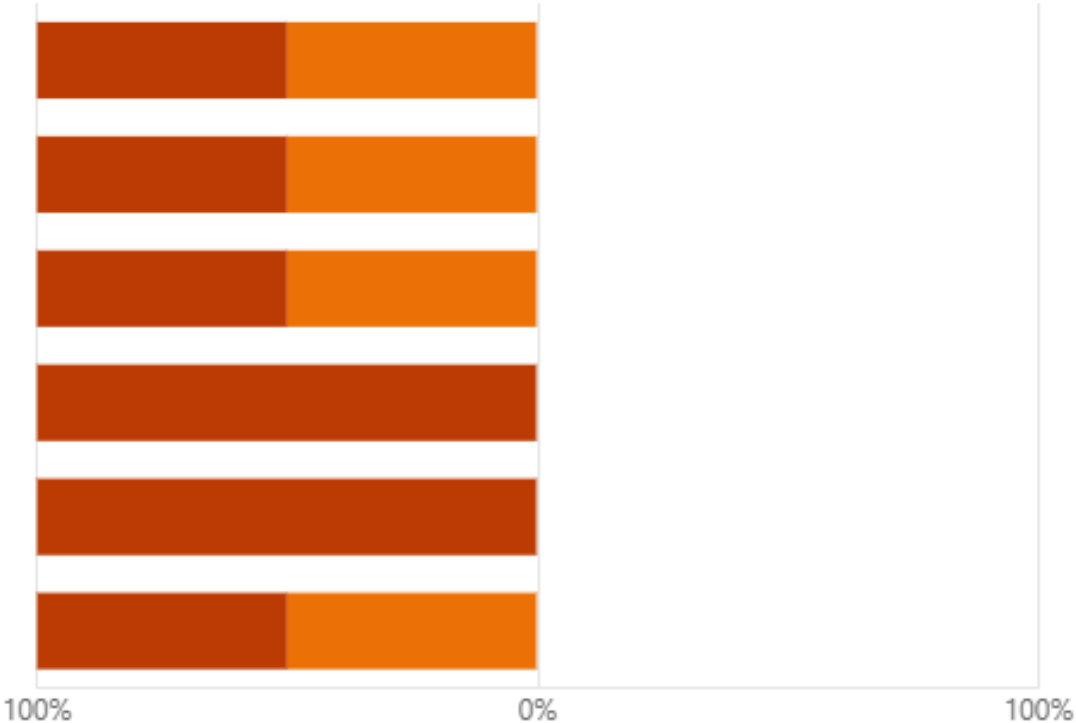
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## 10. Which of the following systems have been implemented or are being implemented in at your production?

[More Details](#)

■ Implemented   ■ Being implemented   ■ Will be implemented   ■ No plans

- Conducting a multifactorial survey of water management facilities.
- Assessment of surface water resources taking into account climate change and anthropogenic pressures.
- Creation and implementation of an information system for water resources management using...
- Monitoring of water withdrawals and impacts to the ecosystem.
- Reconstruction and overhaul of hydraulic structures.
- All of the above



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## 11. Evaluate the effectiveness of proposed measures to improve the rational use of water resources in the mining industry in Kazakhstan.

[More Details](#)

■ Highly efficient ■ Efficient ■ Inefficient ■ Catastrophic

Adoption of the new Water Code and the Law of the Republic of Kazakhstan "On the Safety of Hydraulic...

Development of tariffs for the rehabilitation and development of water infrastructure.

Introduction of new technologies and equipment to reduce water consumption.

Development and implementation of domestic and adaptation of foreign technologies for desalination ...

Development of domestic and adaptation of foreign technologies to capture the atmosphere moisture.

Development of fundamentally new waterless technological processes and water circulation cycles.

Redistribution of water resources by territorial principle.

Updating educational programs.

All of the above

