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The New Understanding of Potash Development Scale and the Comprehensive Utilization of Resources in Chaerhan Salt lake

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This paper briefly introduces resources characteristics and development advantages for Charhan salt lake;and elaborated the technology progress to increase potassium mining scale systematically, the impact of the demonstration results conclude potassium resources under the condition of the existing technology economy can support scale of 5 million tons of potash about 50 years, to ensure the sustainable development of potash fertilizer industry in China;Through the world advanced technology integration, to carry out the comprehensive utilization and accelerate the Qaidam circular economy industrial park construction, build three big bases of potassium,

magnesium, chlor-alkali, and five industrial clusters of potassium, sodium, magnesium ,lithium ,gas salt, combined with energy resources advantage, resource advantage, technology advantage backwardness, vast market advantage, cost competitive advantage, policy support, etc., it will enhance the level of salt lake to develop new, implement new crossing salt lake development.

Key words: salt lake , Science and technology progress, Solid-liquid conversion,potassium devepmont, Comprehensive utilization

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