



**HIGH LEVEL FORUM**  
on sustainable plant nutrition

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**Sustainable fertilization and resource management in ICL**

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**ICL at a glance**



**44 PRODUCTION SITES**  
LOCATED IN  
**13 COUNTRIES**




**EMPLOYEES**

 **11,000**

**LOGISTICS AND DISTRIBUTION**

 **IN OVER 30 COUNTRIES**

**REVENUES**

 **\$5.6B**

**#2**

Second largest public Israeli company in terms of sales & exports

**TOP 3**

Leading supplier across most business lines and target markets

**PRODUCTS & RAW MATERIALS**  
(in thousands of tons)

-  **POTASH** 4900kt
-  **PHOSPHATE ROCK** 5275kt
-  **PHOSPHATE FERTILIZERS** 1292kt
-  **POLYSULPHATE** 350kt
-  **BROMINE** 175kt
-  **METAL MAGNESIUM** 21kt

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## Committed to sustainability

**ENVIRONMENTAL PROTECTION SPENDING**  
\$121 MILLION

**% OF ICL PRODUCTION SITES WITH ISO CERTIFICATION (OR EQ.)**  
SAFETY 89%  
ENVIRONMENT 91%  
QUALITY 93%

**CONTRIBUTION TO COMMUNITY**  
\$8 MILLION

**TTO מענה maala index 19**  
Platinum

**Bloomberg**  
2019 Gender-Equality Index

**CDP**  
Supplier Engagement Leader 2019

**ICL 2018 CORPORATE RESPONSIBILITY REPORT**

**CULTIVATING THE PRESENT**    **DEVELOPING THE FUTURE**

SINCE 2008, ICL'S AIR EMISSIONS HAVE BEEN REDUCED BY:

SOx -57%	NOx -86%
PM -65%	GHG -21%

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## Advanced Fertilization

**Specialty Fertilizers:** Controlled Release Fertilizers (CRFs), fertigation products, and wetting agents that allow growers to optimize their yields, reduce fertilizer use, save irrigation water and reduce leaching and volatilization of nutrients. ICL is a global leader in CRFs, that can reduce the total use of fertilizers by 20%-50%, reduce leaching rates by up to 55%; denitrification rates by up to 40%; and volatilization rates by up to 40%.

**Polysulphate:** An exclusive ICL marketed multi-nutrient (K, Mg, S and Ca) fertilizer. Low environmental impact: mined in the U.K. but requires no chemical processing and creates no waste products. Low carbon footprint fertilizer, approved for organic use.

Widespread [agricultural training and customer engagement programs](#) that promote effective and sustainable fertilization methods and the correct use of fertilizers.

[New digital services to agro-professionals](#) to help increase yield and nutrient efficiency, while also reducing agricultural environmental impact.













**ICL**

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## Actively Promoting Circular Economy



- ICL's Amfert plant in Amsterdam: first ICL [Phosphate Recycling unit](#).
- Sewage sludge and bone meal ash are used as an alternative raw material.
- Project Goal: the site will substitute up to 25% of input phosphate rock with recycled sources.
- First such project in the global Phosphate industry.



- The [ICL Rotem by-product business unit](#) : actively searching for external industrial business partners that could use significant ICL waste streams as replacement for raw materials.
- These waste streams contain valuable industrial minerals such as fluorine, silica, sulfur, calcium carbonate, and calcium sulfate.
- Example: Fluosilicic Acid (FSA) is already exported in large amounts for usage in water fluoridation, silicates industry, Metal cleaning, Aluminum industry and for other uses.



- Participating in several regional and national Circular Economy initiative organizations, in search of additional opportunities.