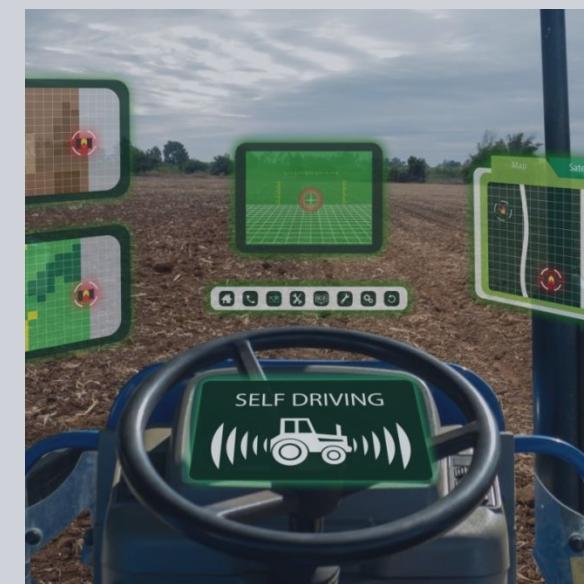




# ICL

## INVESTOR PRESENTATION

September 2018



# IMPORTANT LEGAL NOTES

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# ICL- AT A GLANCE



**\$5.4B**

Sales in 2017,  
with balanced  
product portfolio



**49**

Manufacturing plants  
in 15 countries  
worldwide



**~11,000**

Employees worldwide,  
4,500 in Israel



**TOP 3**

Leading supplier across  
most business lines and  
target markets



**\$7.5B**

Market Cap as of Aug 31, 2018  
Traded on TASE since 1992  
Traded on NYSE since 2014



**>3%**

Industry leading  
dividend yield



**BBB-**

Investment grade rating &  
stable outlook. Net debt to  
EBITDA reduced from 2.9 as  
of 2017 year-end to 2.2 as of  
June 30, 2018



**#2**

Second largest  
Israeli exporter\*

# CORE VALUES

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# SUSTAINABILITY

We are committed to disciplined, continuous improvement in all sustainability areas

Environmental Protection

Safety

Sustainable Products

Fair and Diverse Employment

Business Ethics

Community Contribution

**\$115M**

ICL's investments and expenditures on environmental projects and operations in 2017

**99%**

Total enterprise-wide particle-matter emissions were reduced by 99% between 2005 and 2017

**89%**

The vast majority of ICL production sites (89%) are certified for both ISO 14001 and OHSA 18001 (or equivalent standards)- exhibiting our commitment to professional management of both environment and safety

**#2**

Climate Change mitigation: ICL was tied for second highest ranking (A-) among global fertilizer companies in the CDP rating report for 2017

# ICL- 90 YEARS OF HISTORY

## Establishing & growing operations in Israel 1920s – 1970s

Establishment of potash & bromine production at the Dead Sea

Establishment of Dead Sea Bromine and Negev Phosphates



## Consolidating & expanding globally 1970s – 2014

### Global M&A

Amfert -  
Netherlands

BK Guilini -  
Germany  
Astaris - US

Iberpotash -  
Spain  
Cleveland  
Potash - UK

YPH JV -  
China

### Phosphates

### Potash

### Phosphates

Establishment of Rotem Amfert Negev & Bromine Compounds

Global expansion of bromine, phosphorous, magnesia and salts activities

The State of Israel issues 25% of ICL in the Tel Aviv Stock Exchange and sells 52% to Israel Corp

Listing of shares on the NYSE



## Focusing on innovation and solidifying leadership 2000s –

Focus on value added solutions

Growth of specialty fertilizers

Transformation of YPH JV into production of specialty phosphates

ICL UK transition to exclusive production of polysulphate

Creation of Fertilizersplus platform

Enhancement of global leadership and creation of innovative solutions



# LEADING GLOBAL COMPANY



# ICL – STRATEGIC ADVANTAGES



## UNIQUE ASSETS

Low cost evaporation process at the Dead Sea with the **highest mineral concentration globally**. Only producer of polysulphate worldwide



## STRATEGIC LOCATIONS

provide competitive logistic advantage through **proximity to ports & customers**



## KNOW-HOW

of chemistry, agronomy, synergy utilization and customer requirements **accumulated over decades**



## STARTUP NATION

Access to the globally leading high-tech and agri-tech eco-system in Israel driving **innovation**

# DNA OF LEADERSHIP

**#1**

Globally in bromine

**#3**

Most competitive  
globally in potash

**#1**

Globally in specialty  
phosphates

**#1**

Globally in phosphorus  
based flame retardants

**#1**

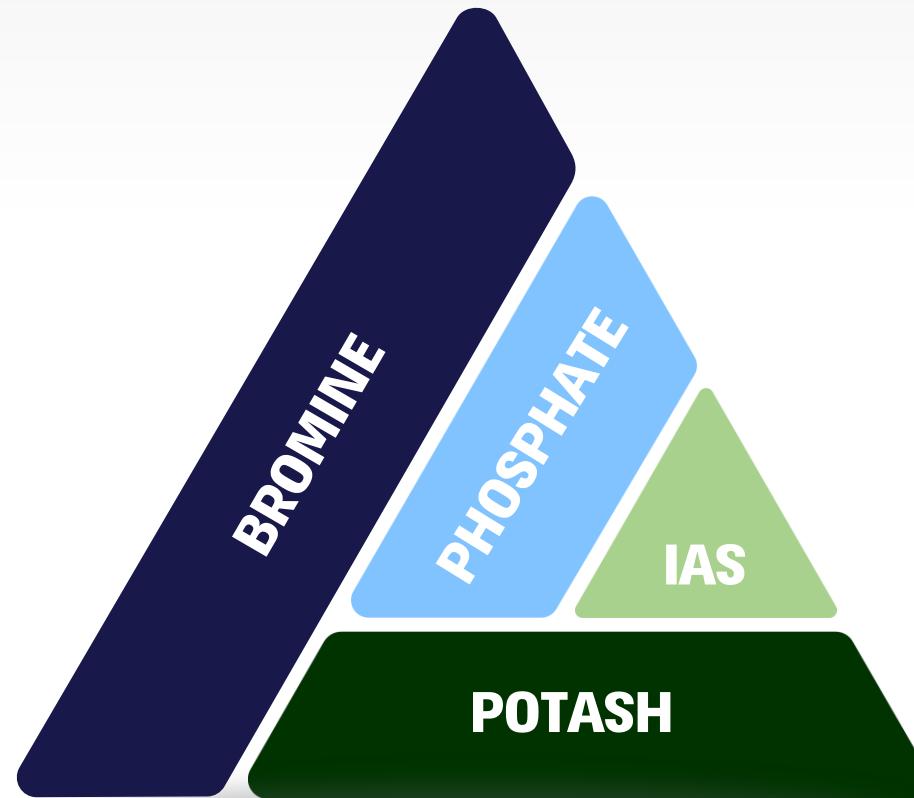
In western Europe in  
compound PK fertilizers

**#1**

Globally in soluble  
phosphate based  
fertilizers

# LEADERSHIP STRATEGY

# PRESENT

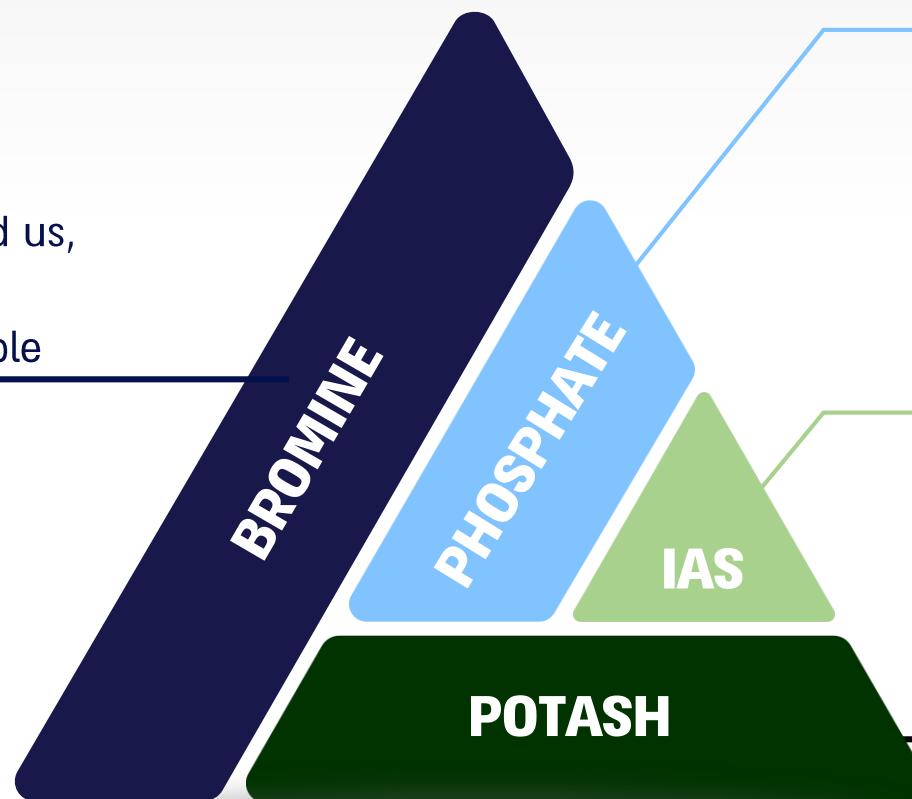


# LEADERSHIP STRATEGY

# PRESENT

## Industrial Products division

ICL's bromine solutions are all around us, making consumer goods safer and production more efficient & sustainable



## Phosphate Solutions division

ICL provides **essential** ingredients for various industrial and food applications

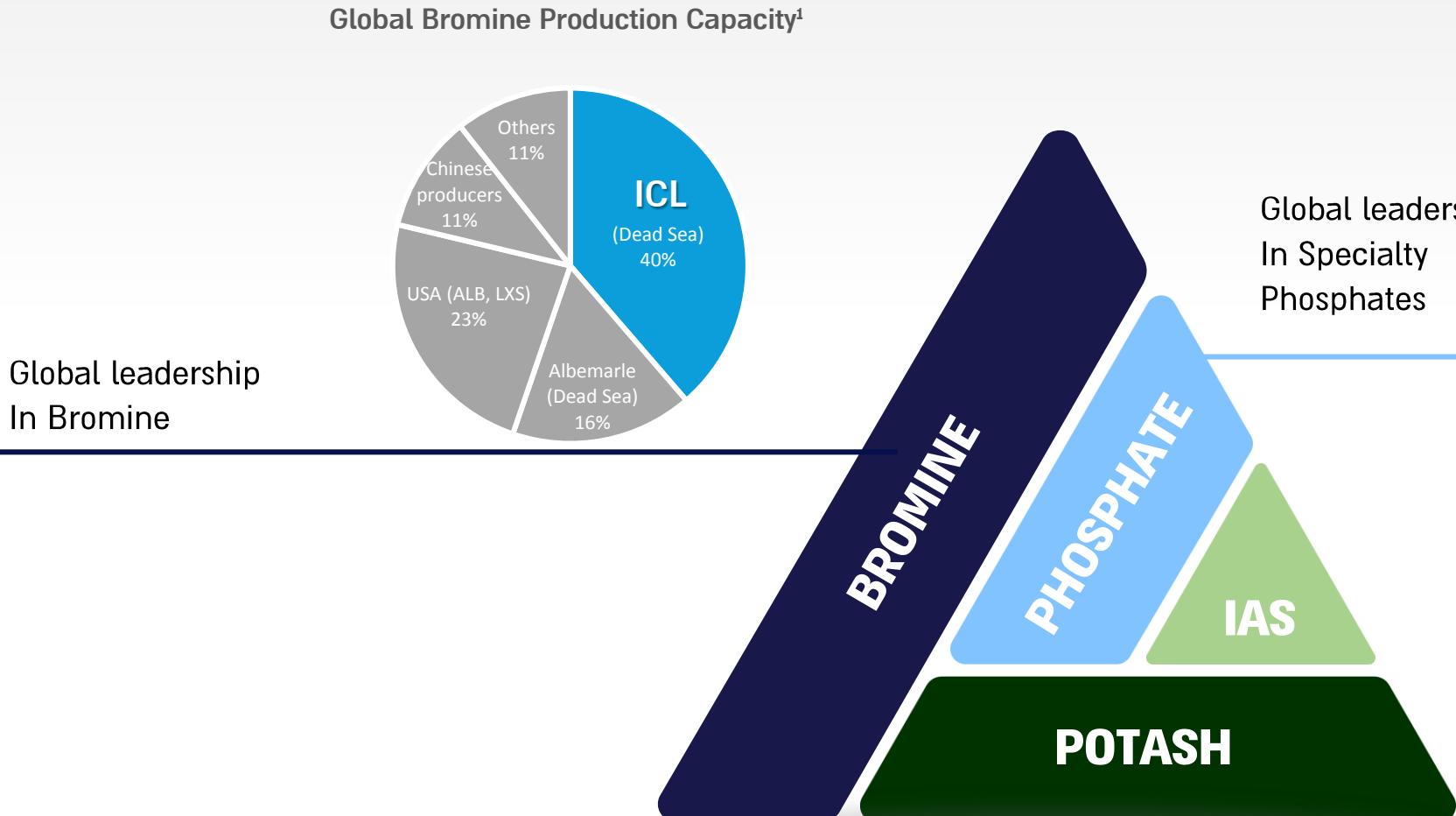
## IAS - Innovative Ag Solutions division

ICL specialty fertilizers provide growers with optimal plant nutrition solutions

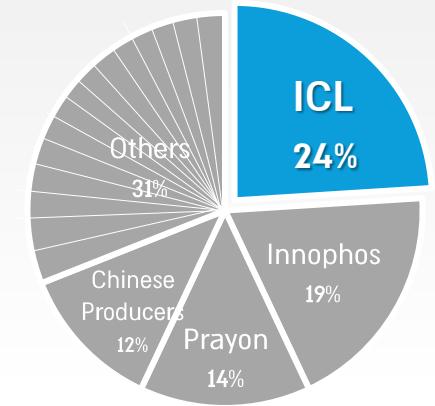
## Potash division

ICL potash helps farmers increase yields and feed the world

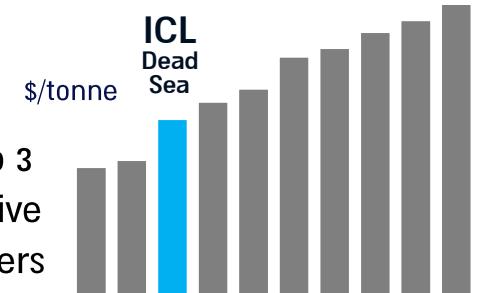
# ICL BUSINESS LEADERSHIP



Market Share – Specialty Phosphates – Europe, NA, and LatAm<sup>1</sup>



Potash Business Costs by Site and by Company<sup>2</sup>



<sup>1</sup> ICL's estimates 2017  
<sup>2</sup> CRU 2016

# ORGANIZATIONAL STRUCTURE ALIGNED WITH STRATEGY

## Phosphate Solutions division<sup>1</sup>

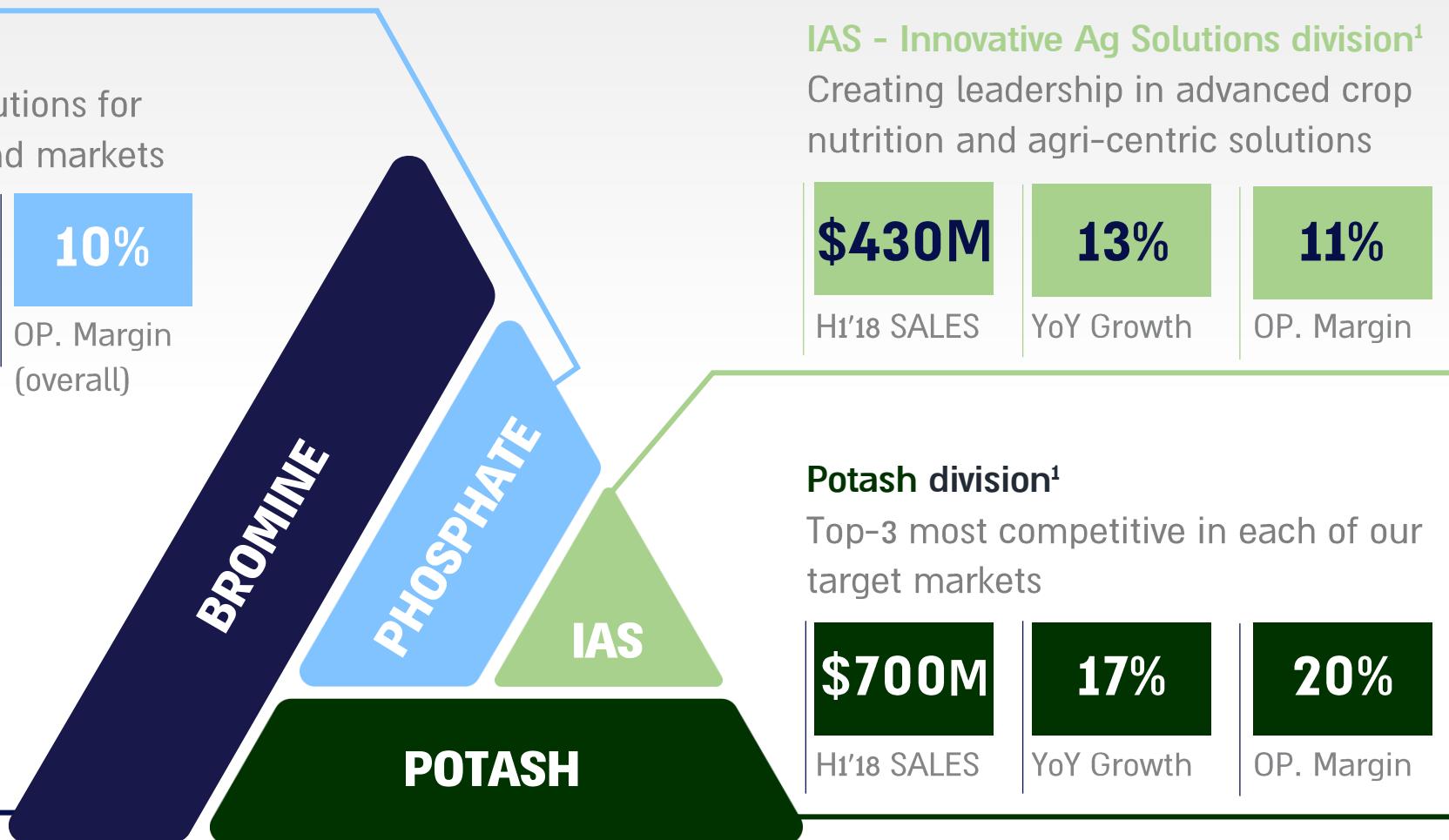
A leading provider of value added solutions for the industrial, food and agriculture end markets

|                          |                      |                        |                      |
|--------------------------|----------------------|------------------------|----------------------|
| <b>\$1.08B</b>           | <b>4%</b>            | <b>13%</b>             | <b>10%</b>           |
| H1'18 SALES <sup>2</sup> | YoY Growth (overall) | YoY Growth (specialty) | OP. Margin (overall) |

## Industrial Products division<sup>1</sup>

The global bromine market leader

|               |            |            |
|---------------|------------|------------|
| <b>\$650M</b> | <b>8%</b>  | <b>27%</b> |
| H1'18 SALES   | YoY Growth | OP. Margin |



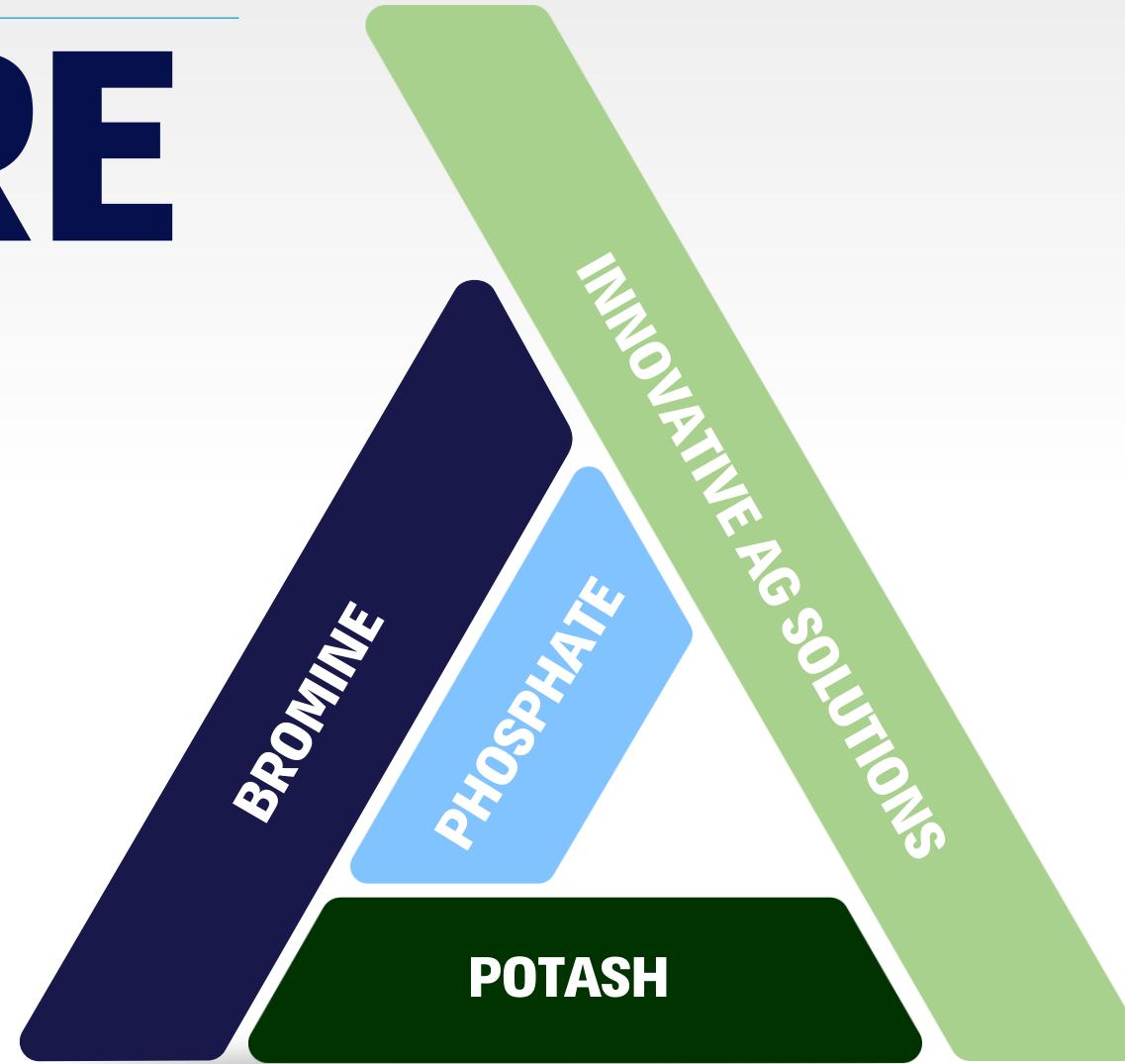
<sup>1</sup> including inter-division sales, excluding G&A, unallocated expenses

<sup>2</sup> Phosphate Solutions division sales after setoffs of intra-division sales and profit, and excluding divested businesses.

\*Sales numbers are rounded to the nearest \$10M

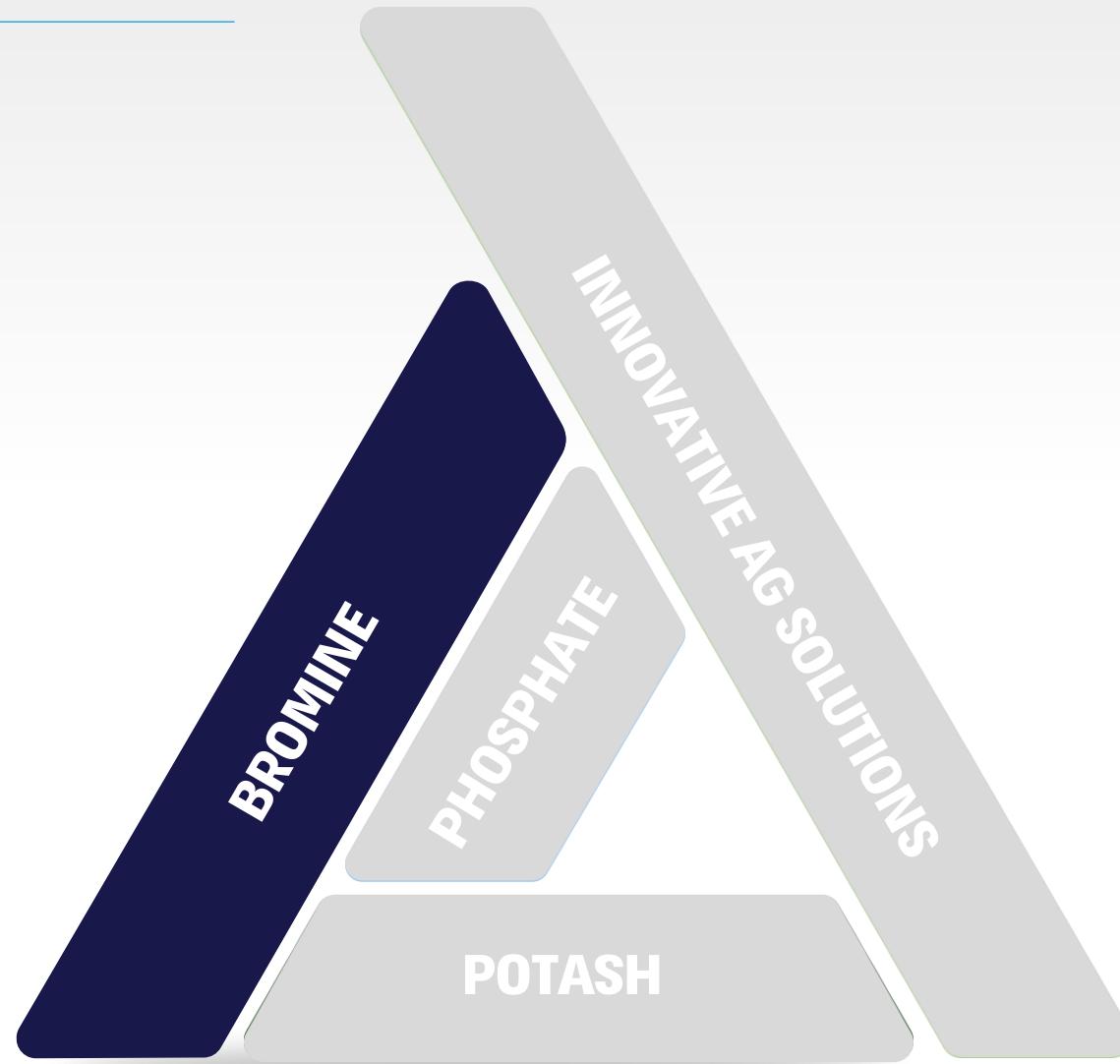
## LEADERSHIP STRATEGY

# FUTURE



# LEADERSHIP STRATEGY

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# INDUSTRIAL PRODUCTS

Enabling a variety of industries to enjoy safer products as well as more efficient and sustainable production



ENERGY



ELECTRONICS



AUTOMOTIVE



BIOCIDES



PHARMA &  
NUTRACEUTICAL



CONSTRUCTION



AGRICULTURE



# INDUSTRIAL PRODUCTS SOLID LEADERSHIP

## THE GLOBAL BROMINE MARKET LEADER



### 180K TONNES

of bromine were produced in 2017



### NO.1

World's leading elemental bromine producer, with 40% of market production capacity



### 230K TONNES

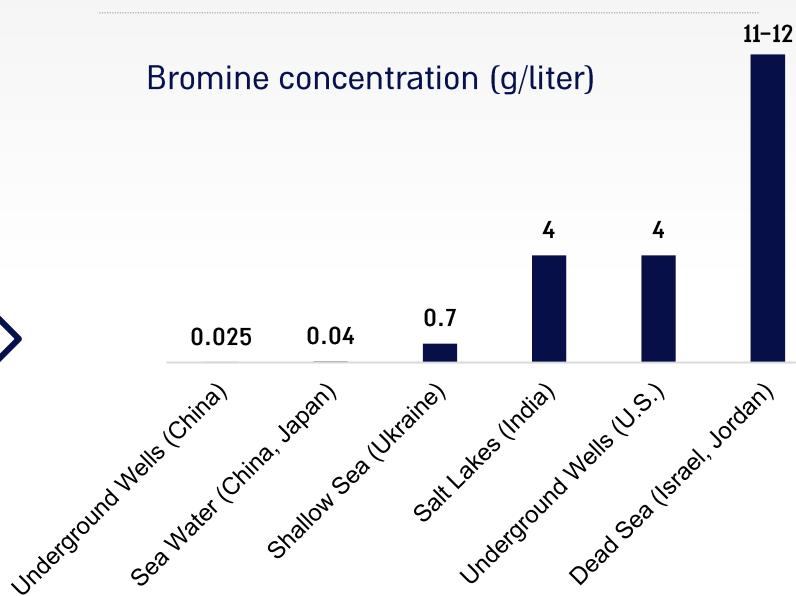
of bromine compounds and 80k tonnes of phosphorus compounds produced in 2017



### NO.1

Largest isotank fleet. Unparalleled knowledge and experience of handling all safety and environmental aspects

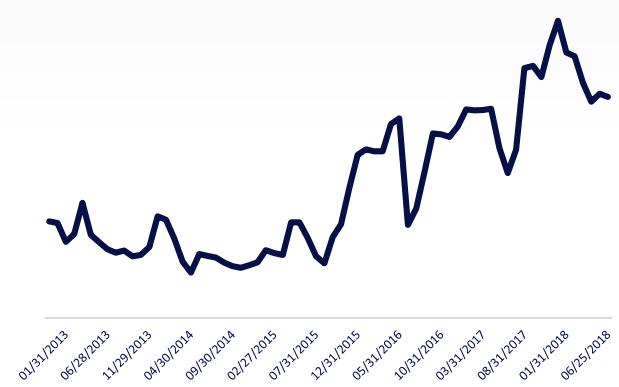
## UNIQUE ADVANTAGE



The Dead Sea has the highest concentration of bromine globally and is practically the only resource in the world that is not depleting

## BROMINE PRICES IN CHINA

### China Elemental Bromine price



Strict enforcement of environmental and safety regulations in China, the depletion of Chinese resources and our superior quality enable us to capitalize on our leading market position



# INDUSTRIAL PRODUCTS MAIN GOALS

## A WORLD LEADER AND BEYOND

### CONCRETING OUR GLOBAL LEADERSHIP OF THE BROMINE MARKET



Increasing Demand  
via new bromine  
applications



Advocacy  
& Regulation



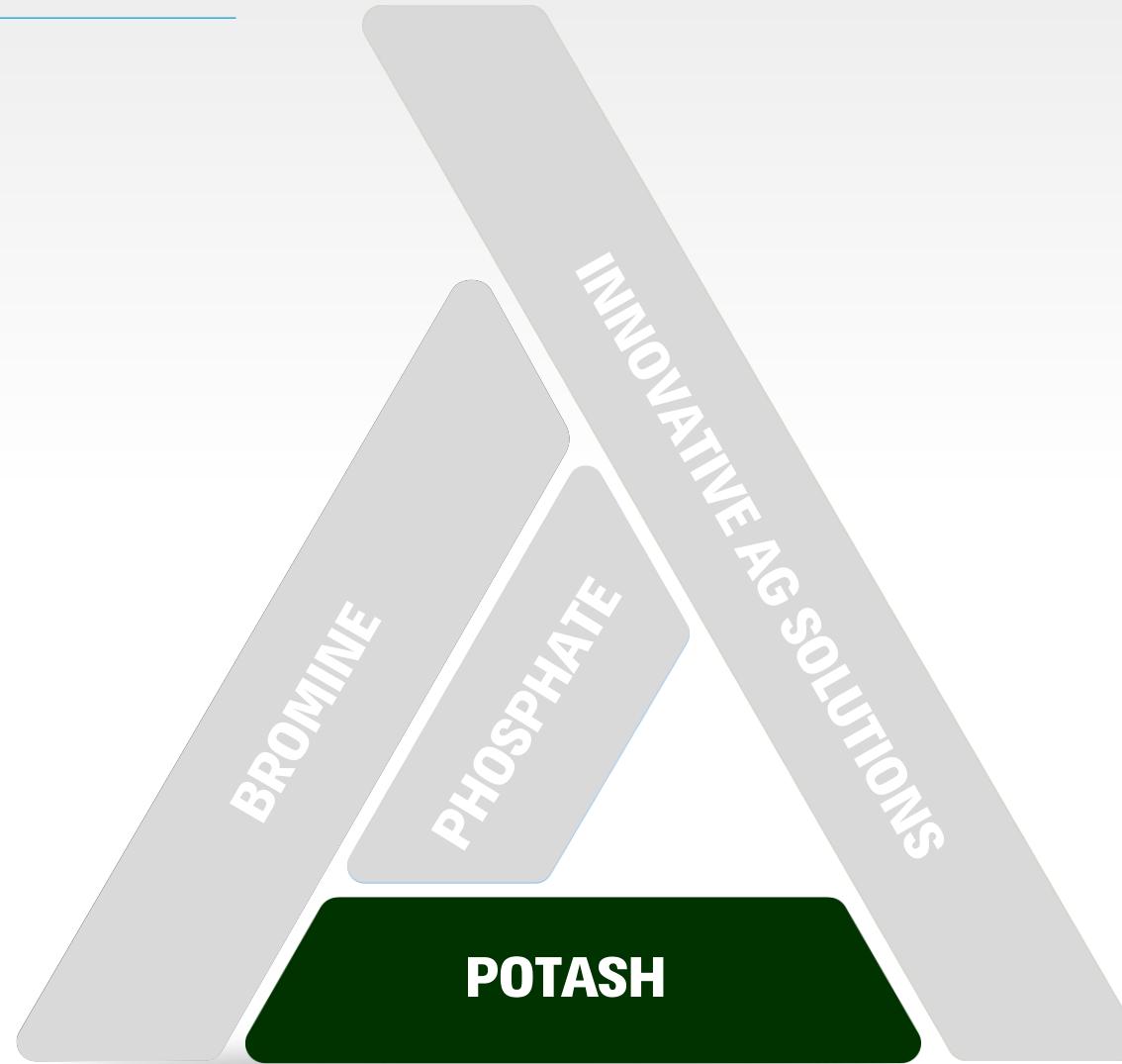
Value over  
volume



Enhancing  
complementary  
business

# LEADERSHIP STRATEGY

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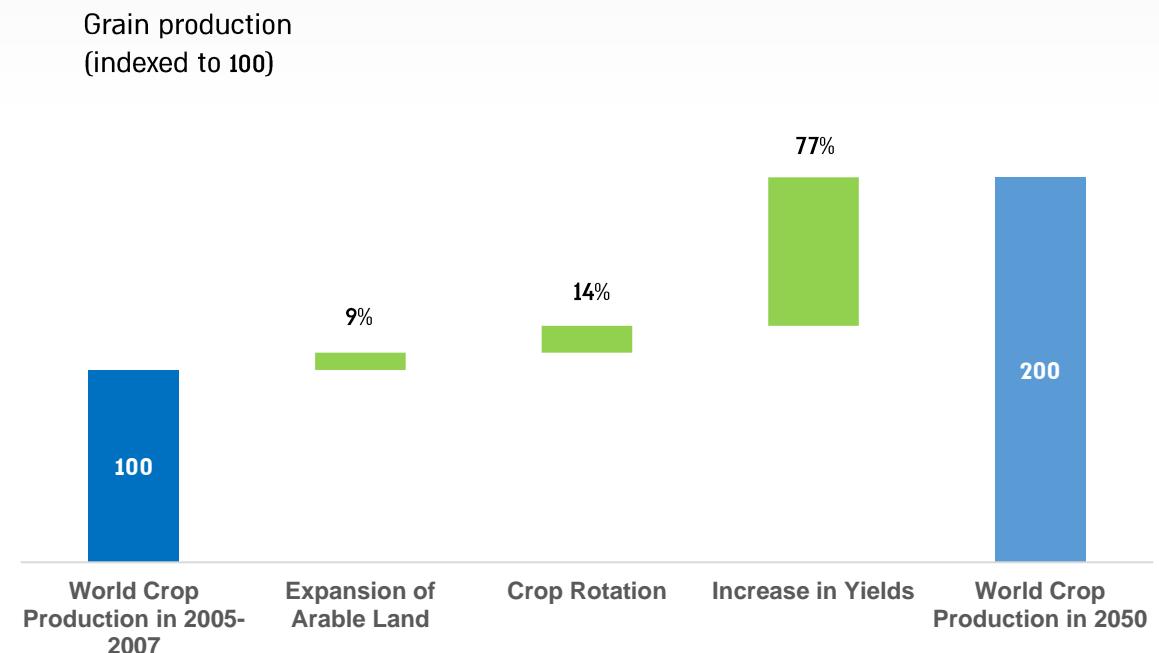
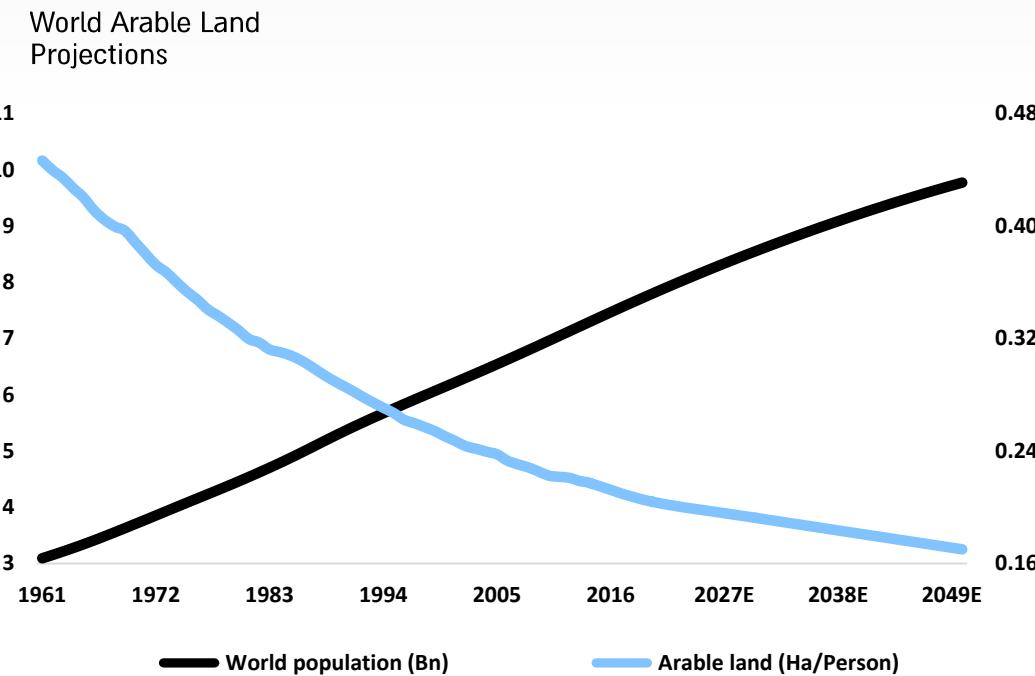
A green tractor with a blue plow is shown plowing a dark brown, freshly tilled field. The field is part of a larger agricultural landscape with rolling hills and fields in the background under a clear sky.

ICL PROVIDES ESSENTIAL POTASH-BASED  
FERTILIZERS ENABLING FARMERS TO  
**INCREASE YIELDS AND FEED THE WORLD**



## MEETING THE GLOBAL NEED TO FEED THE WORLD'S GROWING POPULATION

Without an improvement in crop yields, the demand for food will far outpace production



Source: FAO



# POTASH ICL'S UNIQUE POSITION

## STRONG POSITION



**4.8 MILLION TONNES**  
of potash were produced in 2017



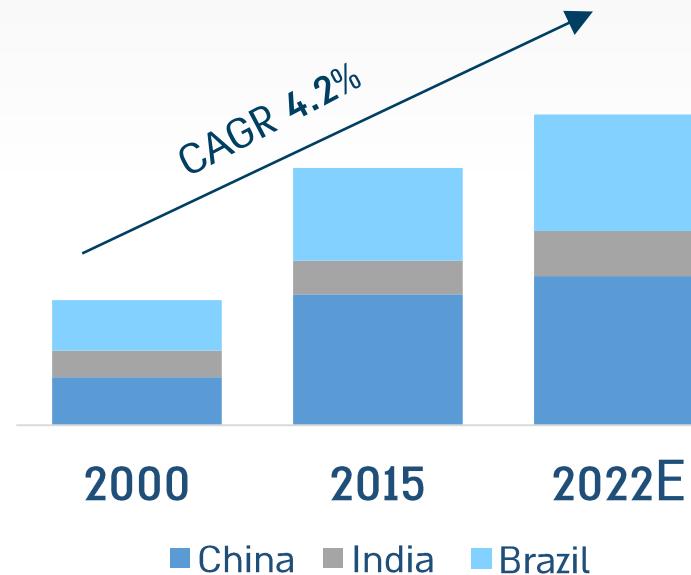
## 80% PRODUCED FROM THE DEAD SEA

One of the world's lowest cost sites due to evaporation process and logistic advantages



**NO.6**  
Potash manufacturer in the world  
The sole producer of polysulphate

## WELL ESTABLISHED IN GROWING MARKETS



China, India and Brazil are about  
80% of ICL's target markets

Source: CRU

## LOWER COST AND FASTER TIME-TO-MARKET



Shorter mine-to-port distances  
and shorter shipping routes to  
emerging markets



# POTASH ICL'S UNIQUE POSITION

## STRONG POSITION



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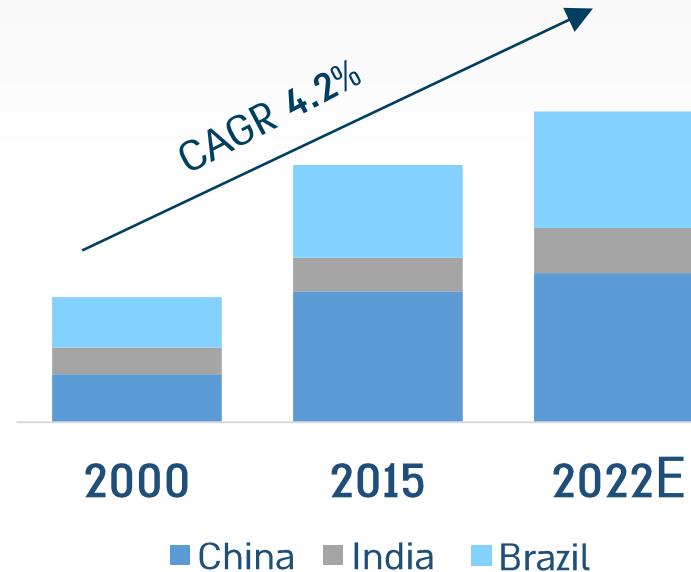
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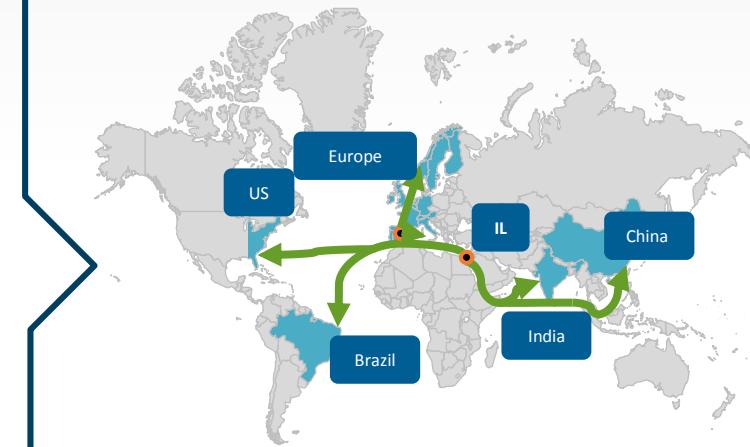
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China, India and Brazil are about 80% of ICL's target markets

Source: CRU

## LOWER COST AND FASTER TIME-TO-MARKET



Shorter mine-to-port distances and shorter shipping routes to emerging markets



# POTASH OUR GOALS



## TOP-3

To be Among the Top-3  
most competitive players in  
in our strategic markets



## 10%

Reduce average cost per  
tonne by 10% within 5 years



## 5MT

Maintain stable  
production of about 5  
million tonnes per year

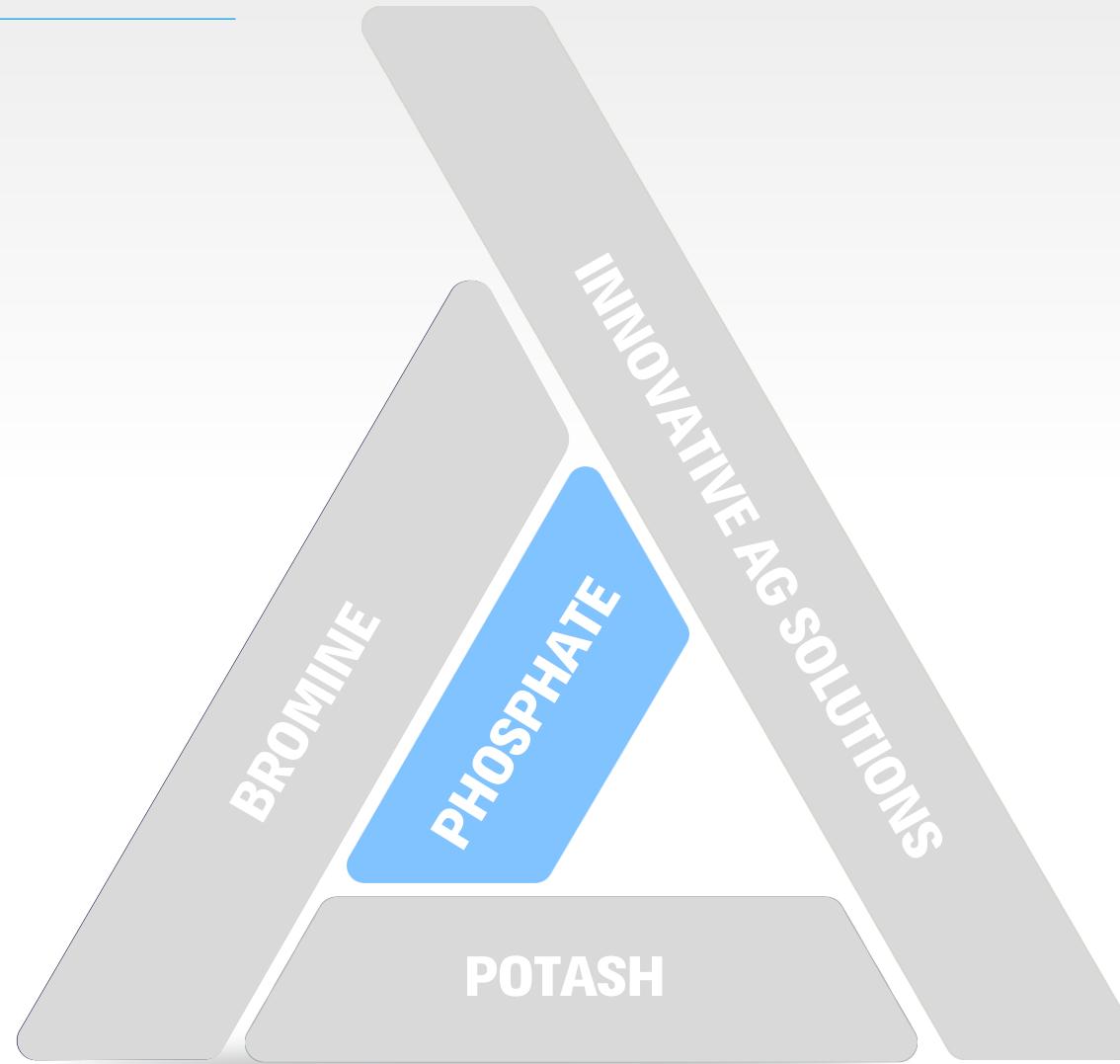


## 1M

Produce 1 million tonnes  
of polysulphate in the UK  
by 2020

# LEADERSHIP STRATEGY

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# PHOSPHATE SOLUTIONS - FOOD

Essential ingredient for the food industry

We enrich sports  
drinks with  
**ESSENTIAL  
MINERALS**



We help  
Cola drinks  
**BITE**



We enhance  
**TASTE &  
MOUTH FEEL**  
of meat and meatless products



We help Dairy  
Products have the  
right  
**TEXTURE &  
LAST LONGER**



We help  
bakery  
products  
**RISE**





# PHOSPHATE SOLUTIONS - INDUSTRIAL

Serving a wide range of industrial markets



Oil drilling



Oral care



Metals



Mining



Cleaning products



Leather



Construction



Paints & coatings



Asphalt



Water treatment



# PHOSPHATE SOLUTIONS ICL'S RECIPE FOR LEADERSHIP

## UNIQUE BACKWARD INTEGRATION MODEL



### **~4,900K TONNES**

of phosphate rock were produced in 2017 and ~2,100K tonnes of fertilizers



### **~90% of phosphate rock**

used internally for fertilizers and specialty products



### **1,150K TONNES**

of green phosphoric acid were produced in 2017

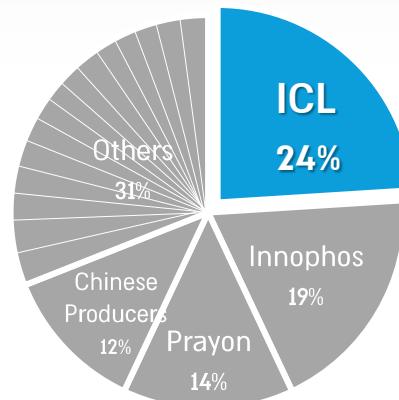


### **280K TONNES**

of purified phosphoric acid were produced in 2017

## WITH A LEADING MARKET POSITION

Market Share – Specialty Phosphates – Europe, NA, and LatAm<sup>1</sup>



Source: ICL estimates (2017)

## AND VALUABLE INNOVATIVE PRODUCTS

ICL is focused on value proposition – high-end solutions, original patents and creative proposals for food and industrial manufacturers

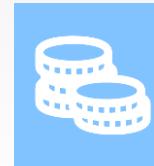


# PHOSPHATE SOLUTIONS OUR GOALS

A leading provider of value added solutions for the industrial, food and agriculture end markets



Increase capacity of purified phosphoric acid, the base raw material for our downstream specialty products & solutions



Value based product positioning



Innovation new applications & solutions



Geographic expansion



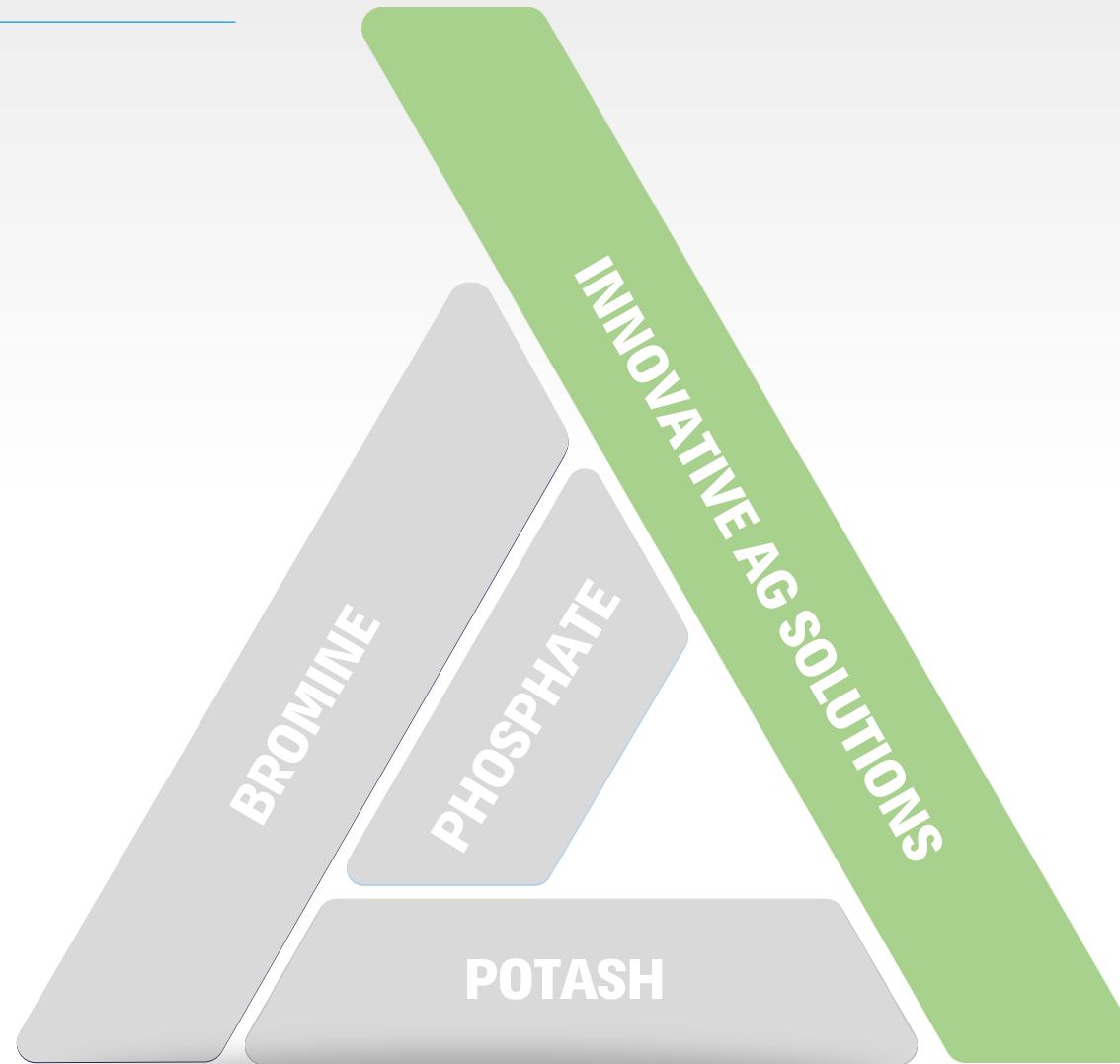
Bolt-on M&A



Outgrow the market

# LEADERSHIP STRATEGY

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# INNOVATIVE AG SOLUTIONS CREATING LEADERSHIP

## SPECIALTY FERTILIZERS – THE FOUNDATION FOR THE FUTURE



### **~850K TONNES**

of soluble, liquid and controlled release fertilizer capacity



### **OVER 300**

agronomists in sales and customer support



### **25 YEARS**

of experience, know-how accumulation and R&D capability building

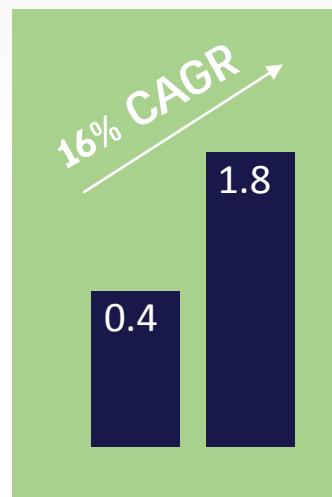


### **FASTEAST GROWING**

segment of the fertilizer market

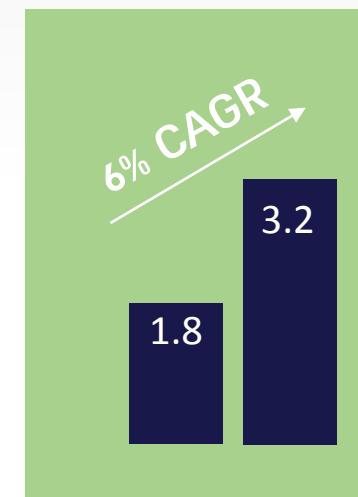
## FAST GROWING INDUSTRY

Market Dynamics 2006- 2016 (Mt)<sup>1</sup>



Controlled Release Fertilizers

Potential market in 2026<sup>1</sup>: 4.5 Mt (10% CAGR)



Soluble Fertilizers

Potential market in 2026<sup>1</sup>: 5.7 Mt (10% CAGR)

## DIVERSIFIED PORTFOLIO

|          | Coated Fertilizers |     |             |          | Solubles / Straights |     |              | Liquids        |  |
|----------|--------------------|-----|-------------|----------|----------------------|-----|--------------|----------------|--|
|          | SRF                | CRF | Soluble NPK | MAP/ MKP | SOP/CN               | NOP | Bulk Liquids | Foliar Liquids |  |
| ICL-SF   | ▲                  | ▲   | ▲           | ▲        |                      |     | ▲            | ▲              |  |
| Compo    | ▲                  | ▲   | ▲           |          |                      |     | ▲            | ▲              |  |
| Haifa    |                    | ▲   | ▲           | ▲        | ▲                    |     | ▲            |                |  |
| YARA     |                    |     | ▲           |          |                      |     |              | ▲              |  |
| SQM      | ▲                  | ▲   |             |          | ▲                    | ▲   | ▲            | ▲              |  |
| Kingenta | ▲                  | ▲   | ▲           | ▲        | ▲                    | ▲   | ▲            | ▲              |  |



**THE FARMING OF THE FUTURE:  
WITH INCREASING PRESSURE TO EXPAND PRODUCTION  
AND PROTECT OUR ENVIRONMENT, HIGH TECH FARMING  
TECHNOLOGIES WILL PLAY A CRUCIAL ROLE**



# IAS LEVERAGING ISRAEL'S HIGH-TECH AND AGRI-TECH ECO SYSTEM

## ACADEMIC ECO SYSTEM



Israel leads the world in the number of researchers per capita



## TECHNOLOGICAL ECO SYSTEM



~\$24B of total M&A and \$5.2B capital raised in 2017. Ag-tech investments of \$185M in 2017, more than 10% of global investments in ag-tech

## BUSINESS ECO SYSTEM



Leading Israeli companies serving the agriculture market



# THE PERFECT STORM

Positions ICL's Ag businesses on a path for growth



POPULATION GROWTH

**2B MORE PEOPLE  
WITHIN 20 YEARS**



AGRICULTURE MUST  
FIND A WAY TO  
**GROW MORE  
WITH LESS**



FOOD COMPANIES  
WILL DRAMATICALLY  
**CHANGE**



STARTUP COMPANIES  
CREATE  
**GROUNDBREAKING  
SOLUTIONS**



# ICL AIMS TO OFFER FARMERS CUTTING-EDGE SOLUTIONS

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# INNOVATIVE AG SOLUTIONS

Creating leadership in advanced crop nutrition and farmer centric solutions



## PORTFOLIO

Develop new advanced specialty fertilizers, including niche products, to expand our Value-added product portfolio



## GROWTH

Grow specialty fertilizers sales from \$ 700 million to \$ 1 billion in five years while Improving operating margins



## UNIQUE R&D CAPABILITIES

Rely on decades of chemical and industrial knowledge to establish ICL as an agro-tech solution leader



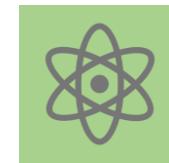
## GET CLOSER TO GROWER

Through expansion of our offering and our geographical footprint.  
Utilize M&A and partnerships potential



## INNOVATION

Leveraging technology and industrial know how via collaboration with agronomists and scientists in order to benefit our customers

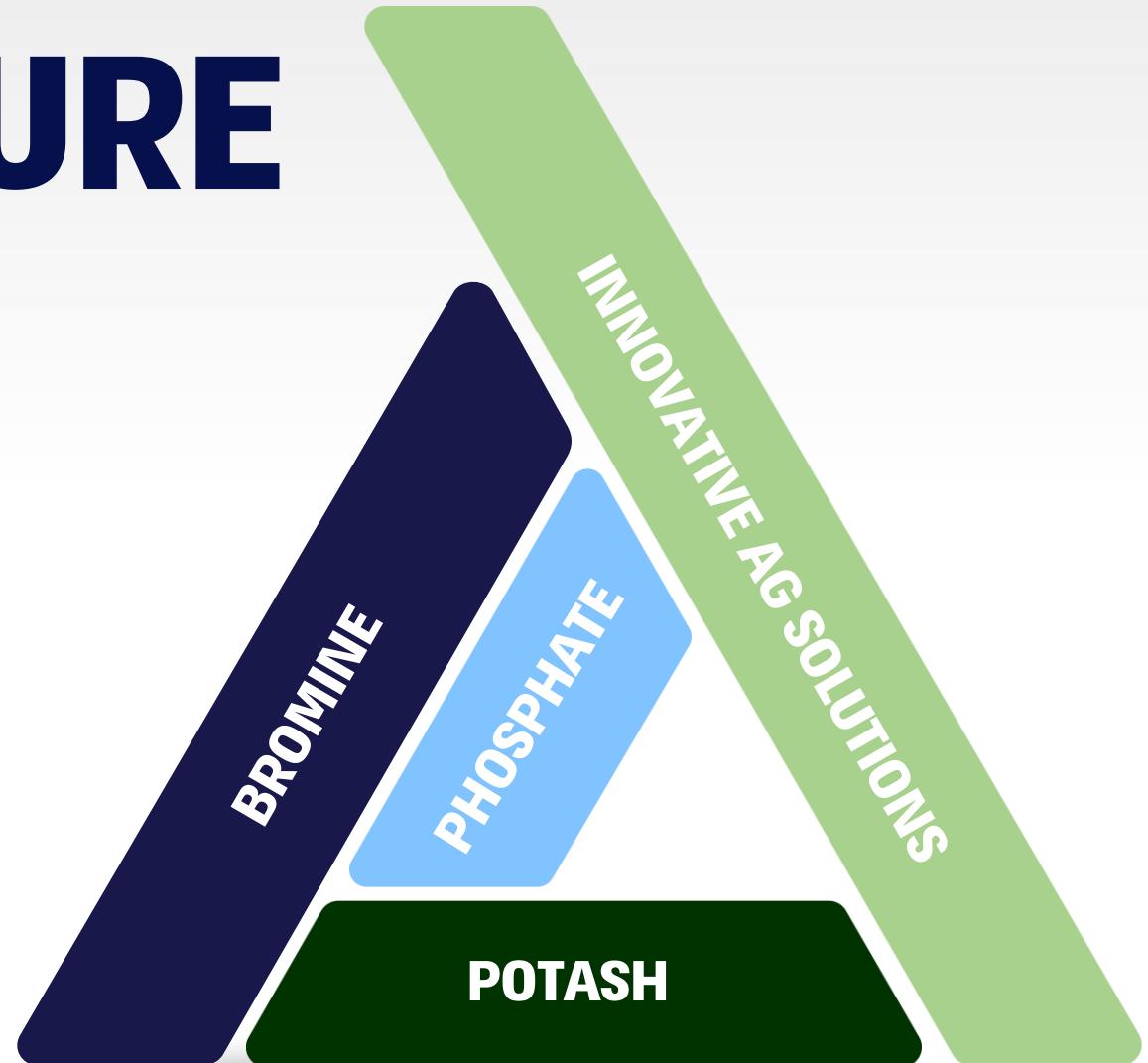


## DIGITAL TRANSFORMATION

Leveraging precision agriculture in order to offer farmers advanced digital solutions

## LEADERSHIP STRATEGY

# PRESENT&FUTURE



# ICL IS ON THE VERGE OF A TIPPING POINT



## POSITIVE BUSINESS MOMENTUM

H1 2018 continued strong performance, margin expansion and successful value-oriented initiatives in specialty businesses



## IMPROVING MARKET CONDITIONS

Higher commodity prices, demand growth and tight supply



## SHARE OVERHANG REMOVED

Nutrien successfully sold its ~14% stake to a group of Israeli and foreign institutional investors



## GROWTH STRATEGY

Enhance market leadership and capture growth throughout our businesses



## DEBT OPTIMIZATION

Providing financial flexibility to execute strategy



## ALIGNED ORGANIZATION

New long-term labor contracts, streamlining organization, smooth transition of new CEO



**THANK YOU**  
visit us at [www.icl-group.com](http://www.icl-group.com)

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# Appendix

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# Financial Overview

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# Additional Data Regarding Aligned Divisions

| Sales                             | FY 2015      | Q1 2016      | Q2 2016      | Q3 2016      | Q4 2016      | FY 2016      | Q1 2017      | Q2 2017      | Q3 2017      | Q4 2017      | FY 2017      | Q1 2018      | Q2 2018      |
|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Potash                            | 1,515        | 273          | 299          | 351          | 415          | 1,338        | 283          | 314          | 372          | 414          | 1,383        | 353          | 346          |
| Phosphate Solutions               | 2,049        | 556          | 584          | 548          | 498          | 2,186        | 523          | 507          | 520          | 487          | 2,037        | 533          | 541          |
| Industrial Products (Bromine)     | 1,034        | 268          | 294          | 275          | 283          | 1,120        | 310          | 291          | 289          | 303          | 1,193        | 317          | 331          |
| Innovative Ag Solutions           | 680          | 188          | 189          | 147          | 137          | 661          | 192          | 190          | 154          | 156          | 692          | 221          | 212          |
| Setoffs and eliminations          | (239)        | (59)         | (55)         | (53)         | (34)         | (202)        | (48)         | (48)         | (46)         | (53)         | (196)        | (53)         | (59)         |
| <b>Sub-Total</b>                  | <b>5,039</b> | <b>1,226</b> | <b>1,311</b> | <b>1,268</b> | <b>1,299</b> | <b>5,103</b> | <b>1,260</b> | <b>1,254</b> | <b>1,289</b> | <b>1,307</b> | <b>5,109</b> | <b>1,371</b> | <b>1,371</b> |
| Divested businesses' contribution | 366          | 39           | 66           | 115          | 39           | 260          | 35           | 68           | 151          | 54           | 309          | 33           | -            |
| <b>Total Sales - ICL</b>          | <b>5,405</b> | <b>1,265</b> | <b>1,377</b> | <b>1,383</b> | <b>1,338</b> | <b>5,363</b> | <b>1,295</b> | <b>1,322</b> | <b>1,440</b> | <b>1,361</b> | <b>5,418</b> | <b>1,404</b> | <b>1,371</b> |

| Profit   | FY 2015    | Q1 2016    | Q2 2016    | Q3 2016    | Q4 2016    | FY 2016    | Q1 2017    | Q2 2017    | Q3 2017    | Q4 2017    | FY 2017    | Q1 2018    | Q2 2018    |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Potash   | 637        | 50         | 64         | 75         | 93         | 282        | 37         | 61         | 65         | 119        | 282        | 62         | 76         |
| Phosphate Solutions                            | 340        | 65         | 70         | 48         | 41         | 224        | 37         | 37         | 52         | 23         | 149        | 52         | 55         |
| Industrial Products (Bromine)                  | 225        | 62         | 71         | 77         | 76         | 286        | 77         | 76         | 77         | 73         | 303        | 78         | 94         |
| Innovative Ag Solutions                        | 63         | 20         | 23         | 7          | 5          | 55         | 20         | 19         | 9          | 8          | 56         | 25         | 23         |
| G&A & other                                    | (349)      | (86)       | (91)       | (92)       | (84)       | (353)      | (64)       | (65)       | (64)       | (73)       | (266)      | (72)       | (60)       |
| <b>Sub-Total</b>                               | <b>916</b> | <b>111</b> | <b>137</b> | <b>115</b> | <b>131</b> | <b>494</b> | <b>107</b> | <b>128</b> | <b>139</b> | <b>150</b> | <b>524</b> | <b>145</b> | <b>188</b> |
| Divested businesses' contribution              | 78         | 4          | 26         | 49         | 9          | 88         | 9          | 25         | 76         | 18         | 128        | 6          | 0          |
| <b>Total - adjusted operating income - ICL</b> | <b>994</b> | <b>115</b> | <b>163</b> | <b>164</b> | <b>140</b> | <b>582</b> | <b>116</b> | <b>153</b> | <b>215</b> | <b>168</b> | <b>652</b> | <b>151</b> | <b>188</b> |

Division sales and profit include inter-segment sales, exclude G&A and unallocated expenses

# **Q2 2018 HIGHLIGHTS**

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**Strong sales growth and margin expansion** across all of ICL's businesses: Bromine, Potash and Phosphate value chains, and Specialty Fertilizers

**Operating income increased** by 19%. Excluding divested businesses, adjusted operating income increased by 47%<sup>(1)</sup> and adjusted net income more than doubled<sup>(1)</sup>

**Strong balance sheet** following divestments and debt optimization

**Solid operating cash flow generation** supports distribution of \$56 million dividend for Q2 with an industry leading annualized dividend yield of ~3.5%<sup>(2)</sup>

**ICL to align its organizational structure** with its strategy to enhance leading market position and promote growth

See Q2 2018 6-K for a reconciliation of Adjusted operating income to operating income and Adjusted net income to net income

(1) See reconciliation table in the appendix

(2) Based on a share price of \$4.77 as of July 30th, 2018

# Q2 2018 Results Summary

| \$ millions                            | Q2 18  | Q2 17  | % change | Q1 18  | % change |
|--|--------|--------|----------|--------|----------|
| Sales                                  | 1,371  | 1,322  | 4%       | 1,404  | (2)%     |
| Operating income                       | 172    | 144    | 19%      | 985    | (83)%    |
| Adjusted operating income <sup>1</sup> | 188    | 153    | 23%      | 151    | 25%      |
| Adjusted EBITDA <sup>1</sup>           | 296    | 251    | 18%      | 251    | 18%      |
| Net income                             | 101    | 57     | 77%      | 928    | (89)%    |
| Adjusted net income <sup>1</sup>       | 113    | 64     | 77%      | 106    | 7%       |
| EPS <sup>2</sup>                       | \$0.08 | \$0.04 | 77%      | \$0.73 | (89)%    |
| Adjusted EPS <sup>2</sup>              | \$0.09 | \$0.05 | 77%      | \$0.08 | 7%       |
| Operating Cash Flow                    | 164    | 199    | (18)%    | 36     | 356%     |
| Net Debt                               | 2,267  | 3,300  | (31)%    | 2,269  | -        |

<sup>1</sup> Adjusted operating income, Adjusted net income and Adjusted EBITDA are non-GAAP financial measures. See Q2 2018 6-k for a reconciliation of Adjusted operating income to operating income, adjusted net income to net income and calculation of adjusted EBITDA.

<sup>2</sup> Fully diluted. EPS and Adjusted EPS calculated as net income and Adjusted net income, respectively, divided by weighted-average diluted number of ordinary shares outstanding. See 6-k for number of shares for each period.

# Effective Tax Rate

| \$ millions                                       | Q2 18 | FY2017 |
|---|-------|--------|
| Adjusted income before tax <sup>1</sup>           | 134   | 528    |
| Normalized tax rate (including resource tax)      | 22%   | 26%    |
| Normalized tax expenses                           | 30    | 136    |
| Carryforward losses not recorded for tax purposes | 3     | 19     |
| Sub-Total   | 33    | 155    |
| Sub-Total - %                                     | 25%   | 29%    |
| Other items (mainly exchange rate impact)         | (9)   | 1      |
| Adjusted income tax                               | 24    | 156    |
| Actual Effective tax rate                         | 18%   | 30%    |

<sup>1</sup> Calculated as Adjusted operating income – finance expenses

# Reconciliation Tables

| Calculation of Adjusted income before tax (\$ millions) | Q2 18 | FY2017 |
|---|-------|--------|
| Adjusted operating income                               | 188   | 652    |
| Finance expenses  | (54)  | (124)  |
| Adjusted income before tax                              | 134   | 528    |

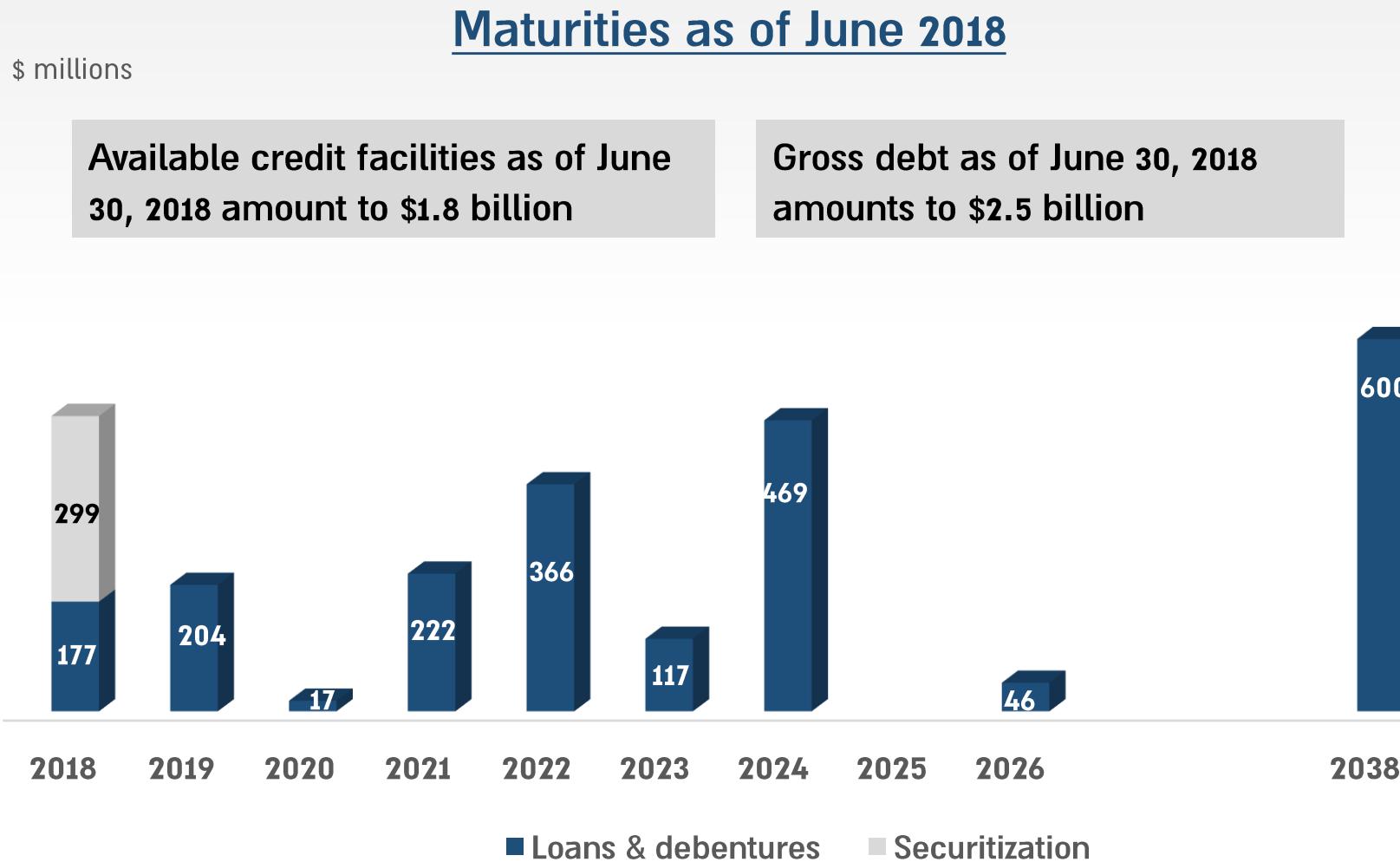
| Calculation of Pro-forma Adjusted operating income (\$ millions) | Q2 18 | Q2 17 |
|--|-------|-------|
| Operating income   | 172   | 144   |
| Adjustments <sup>1</sup>   | 16    | 9     |
| Adjusted operating income  | 188   | 153   |
| Divested businesses' profit                                      | -     | (25)  |
| Pro-forma Adjusted operating income                              | 188   | 128   |

| Calculation of Pro-forma Adjusted net income (\$ millions) | Q2 18 | Q2 17 |
|--|-------|-------|
| Net income   | 101   | 57    |
| Adjustments <sup>1</sup>                                   | 12    | 7     |
| Divested businesses' profit                                | -     | (25)  |
| Allocated tax and finance expenses for divested businesses | -     | 11    |
| Pro-forma Adjusted operating income                        | 113   | 50    |

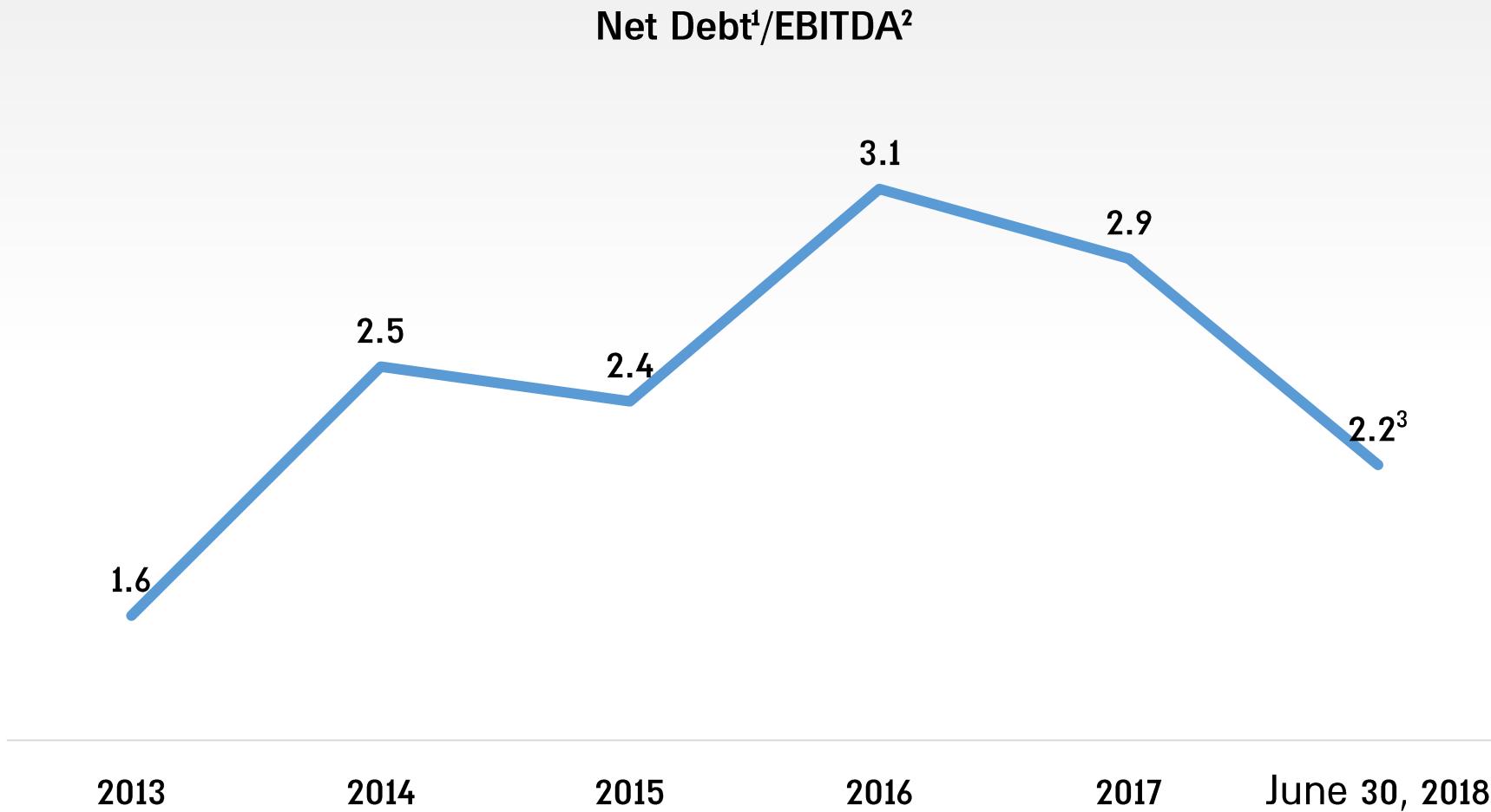
<sup>1</sup> See detailed reconciliation table in the Q2 2018 6-K.

See Q2 2018 6-K for a reconciliation of Adjusted operating income to operating income and Adjusted net income to net income.

# Successful Optimization of Debt Structure



# Decreasing Net Debt/EBITDA Ratio



<sup>1</sup> Net debt calculated as short term credit + long term debt & debentures – cash & cash equivalents – short term investments & deposits

<sup>2</sup> See Q2 2018 6-K for a reconciliation of Adjusted EBITDA

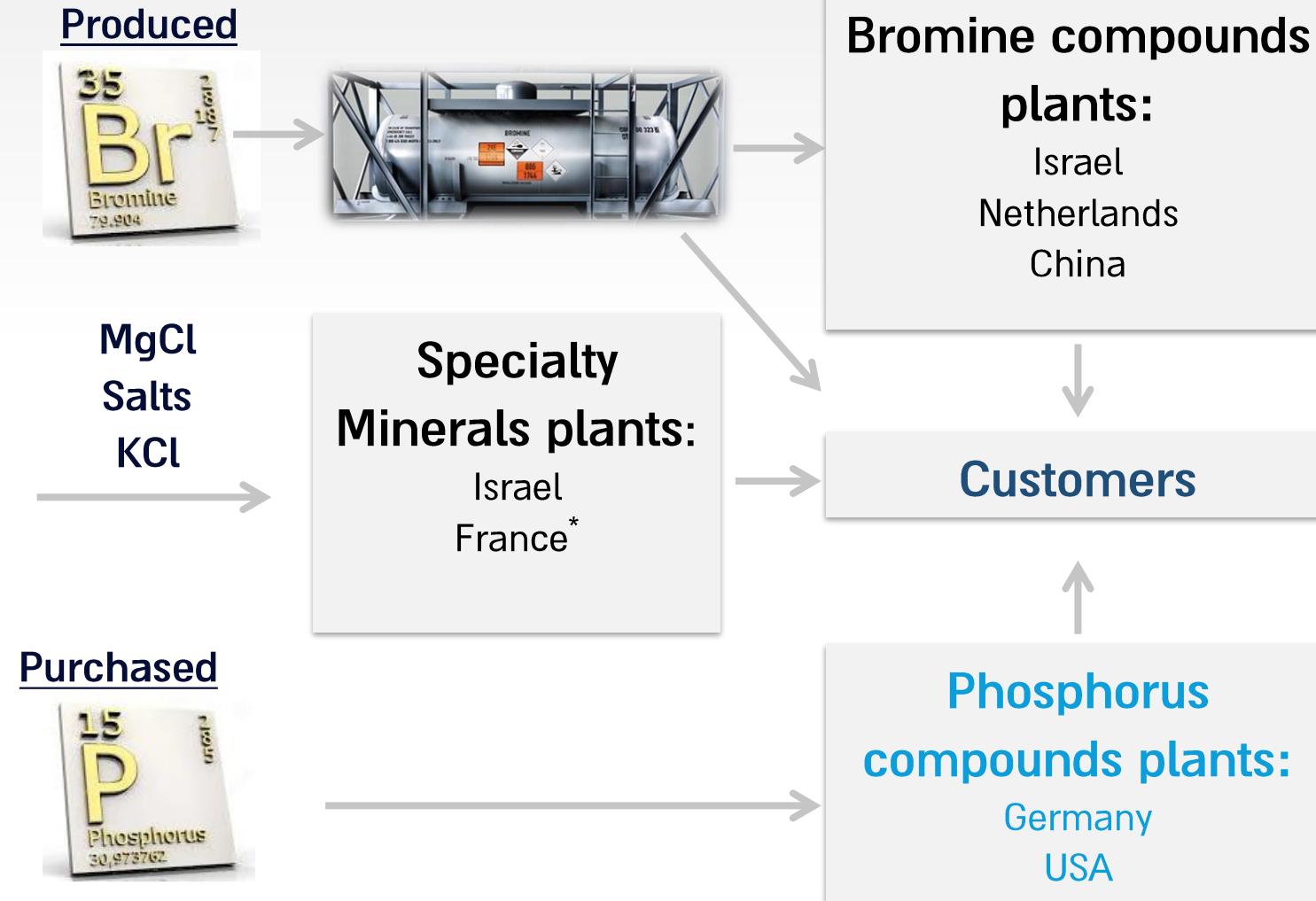
<sup>3</sup> Net debt as of June 30, 2018 divided by last 12 months Adjusted EBITDA excluding divested businesses

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# Industrial Products

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# ICL-IP Product Supply Chains



# Global Trends and Major End Markets



# Major Trends and ICL Solutions

## Trends



Clean Air

Mercury Emissions Control

Renewable energy

Energy storage

Electric car/

Autonomous car

Home automation

Water shortage and  
treatment

## ICL's Solutions

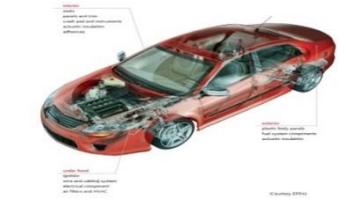
MERQUEL®



Electrolytes for  
Bromine Flow battery



New generation  
polymeric FRs



New generation  
polymeric FRs



New Biocides



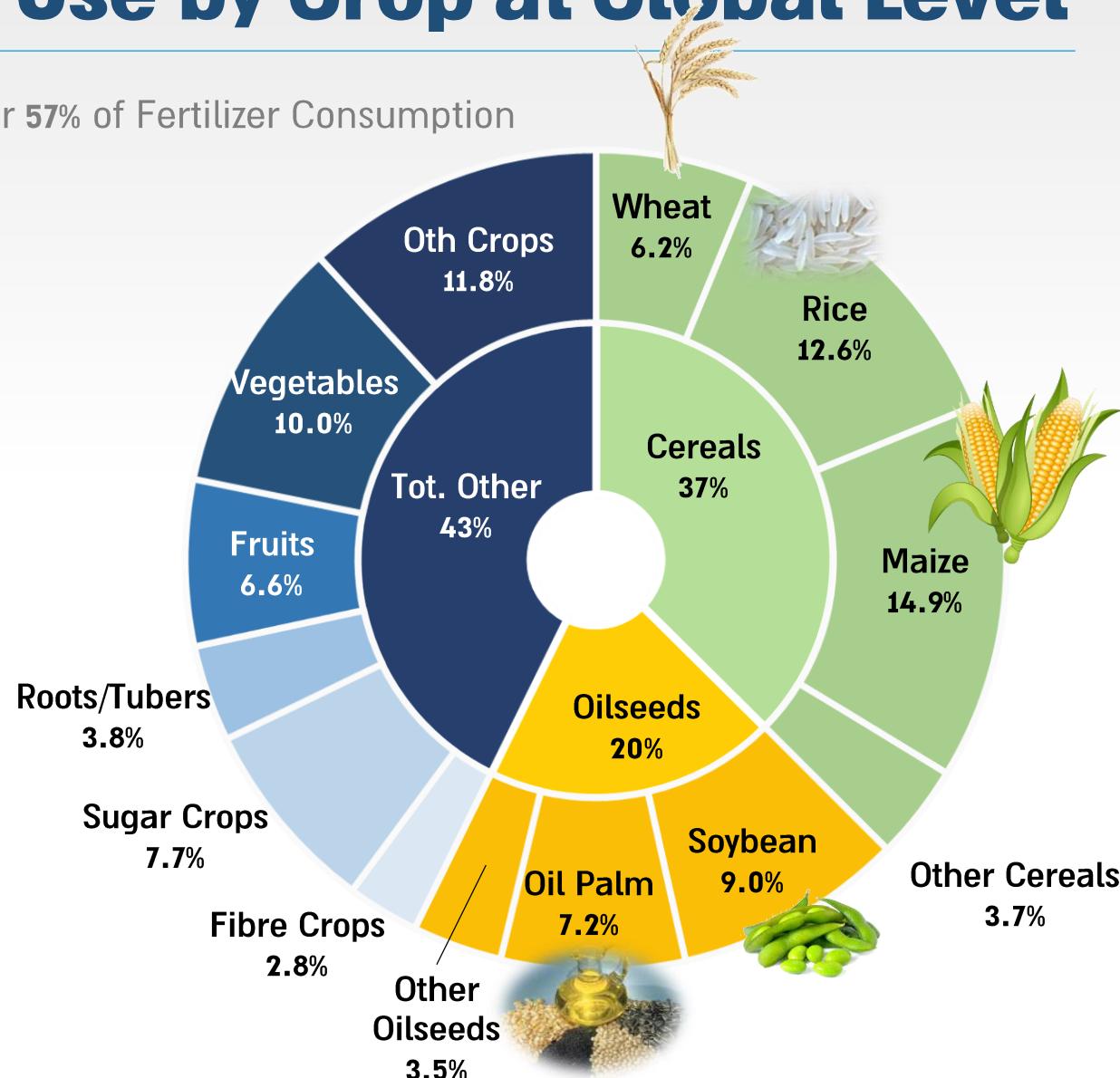
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# Potash

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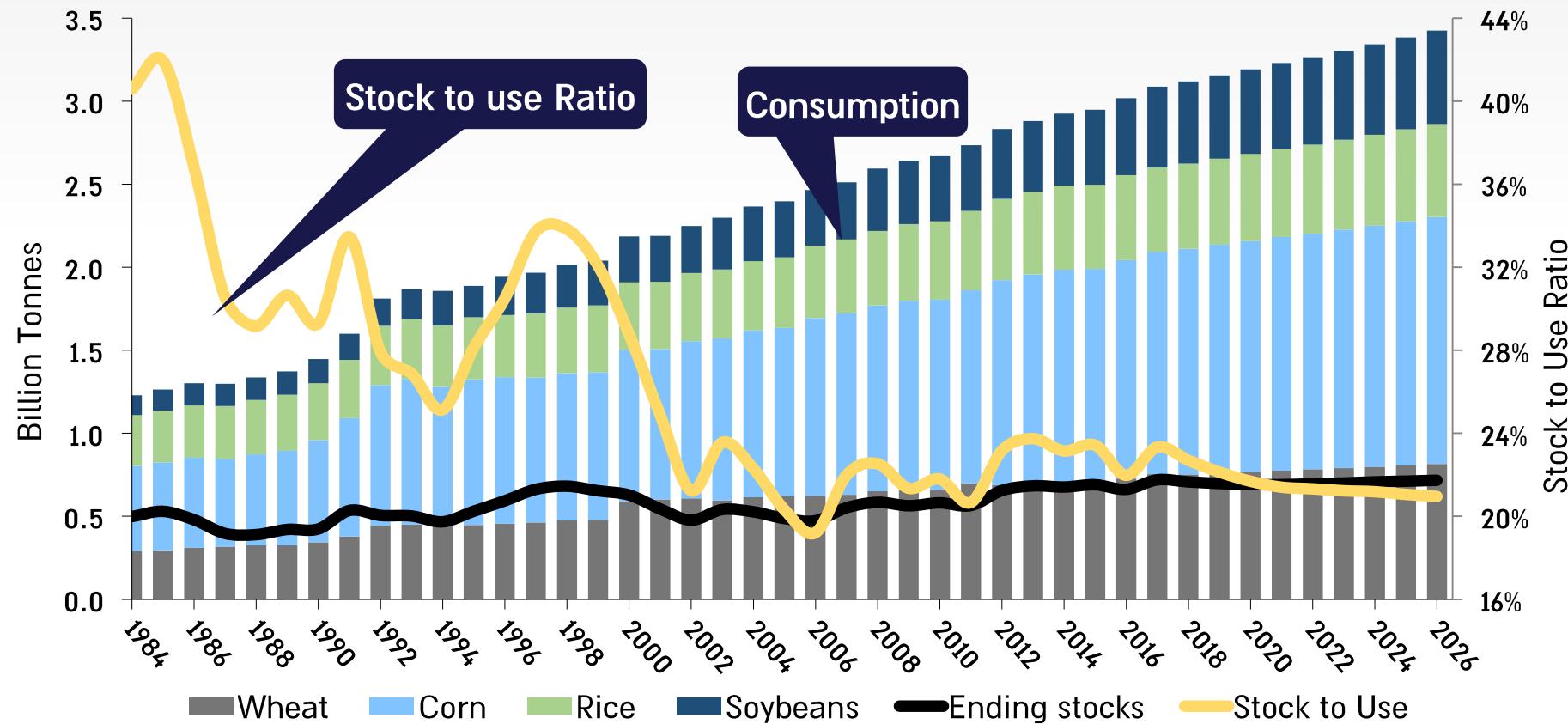
# Total Fertilizer Use by Crop at Global Level

Cereals and Oilseeds Account for 57% of Fertilizer Consumption



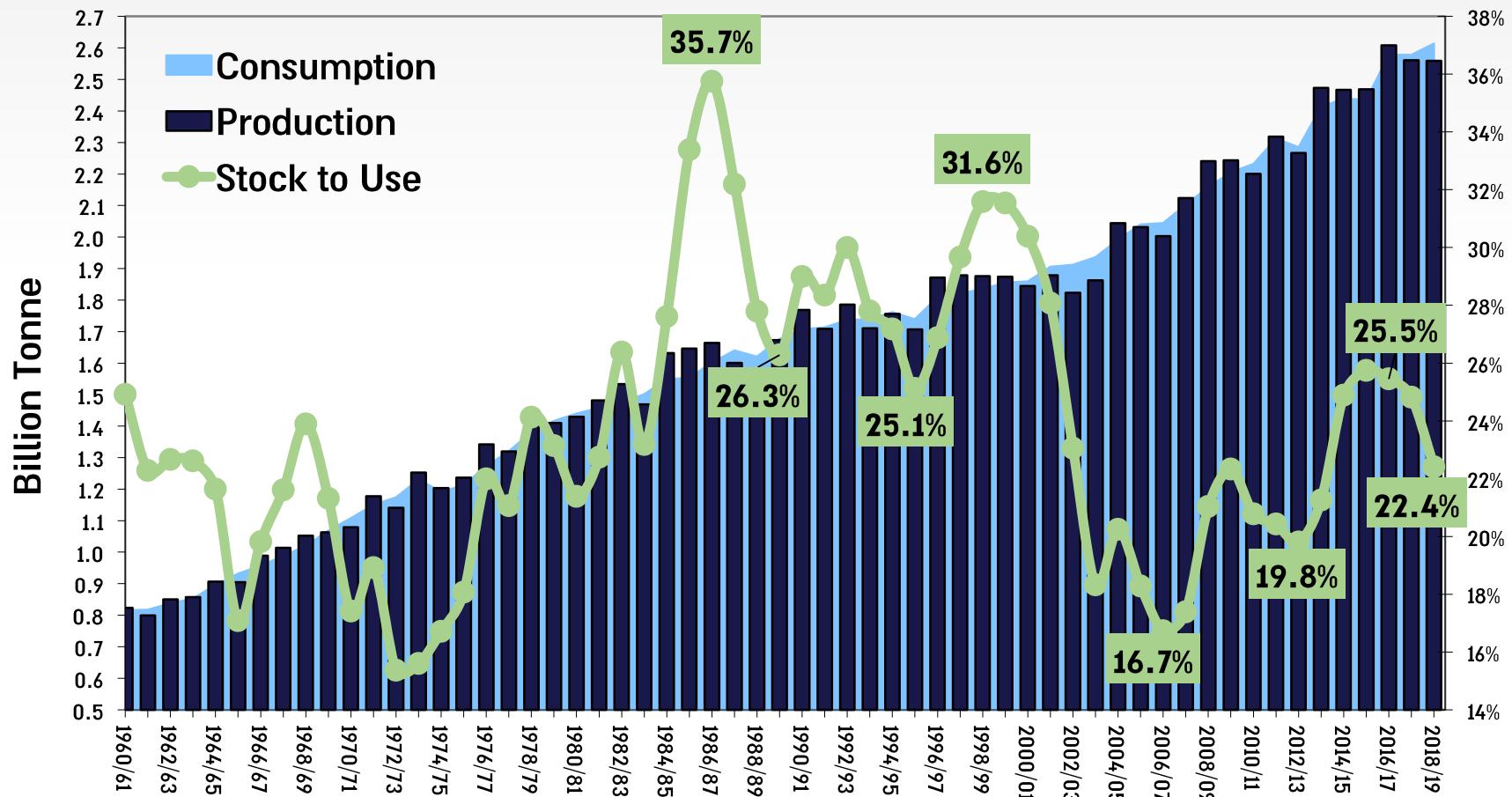
# World Main Crops Long Term Forecast

## Consumption, Stock and Stock to Use Ratio



# World Grains Production & Consumption:

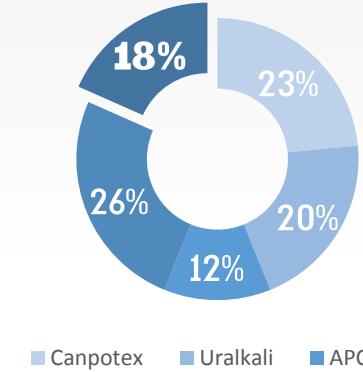
## Current Stock to Use Ratio



# ICL's Potash Market Share in Fast Growing Markets

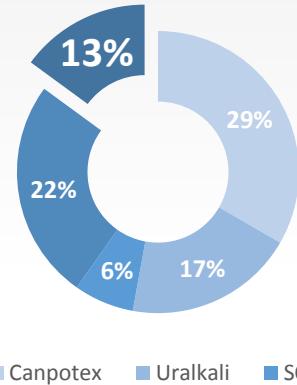
India

3.8 Mt



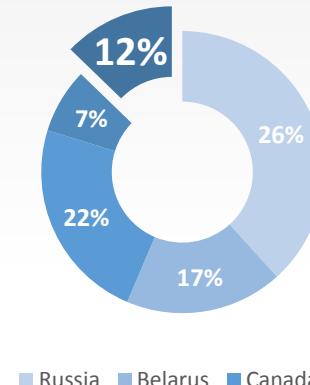
Brazil

8.8 Mt



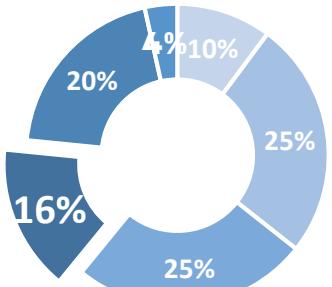
China

6.8 Mt

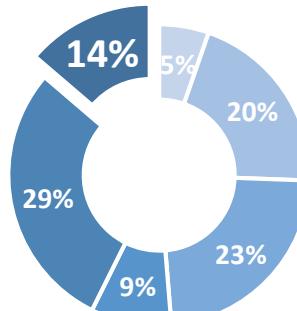


Total Import  
2016

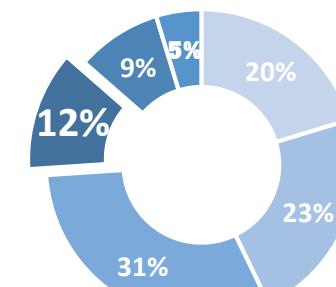
4.5 Mt



9.2 Mt



7.5 Mt



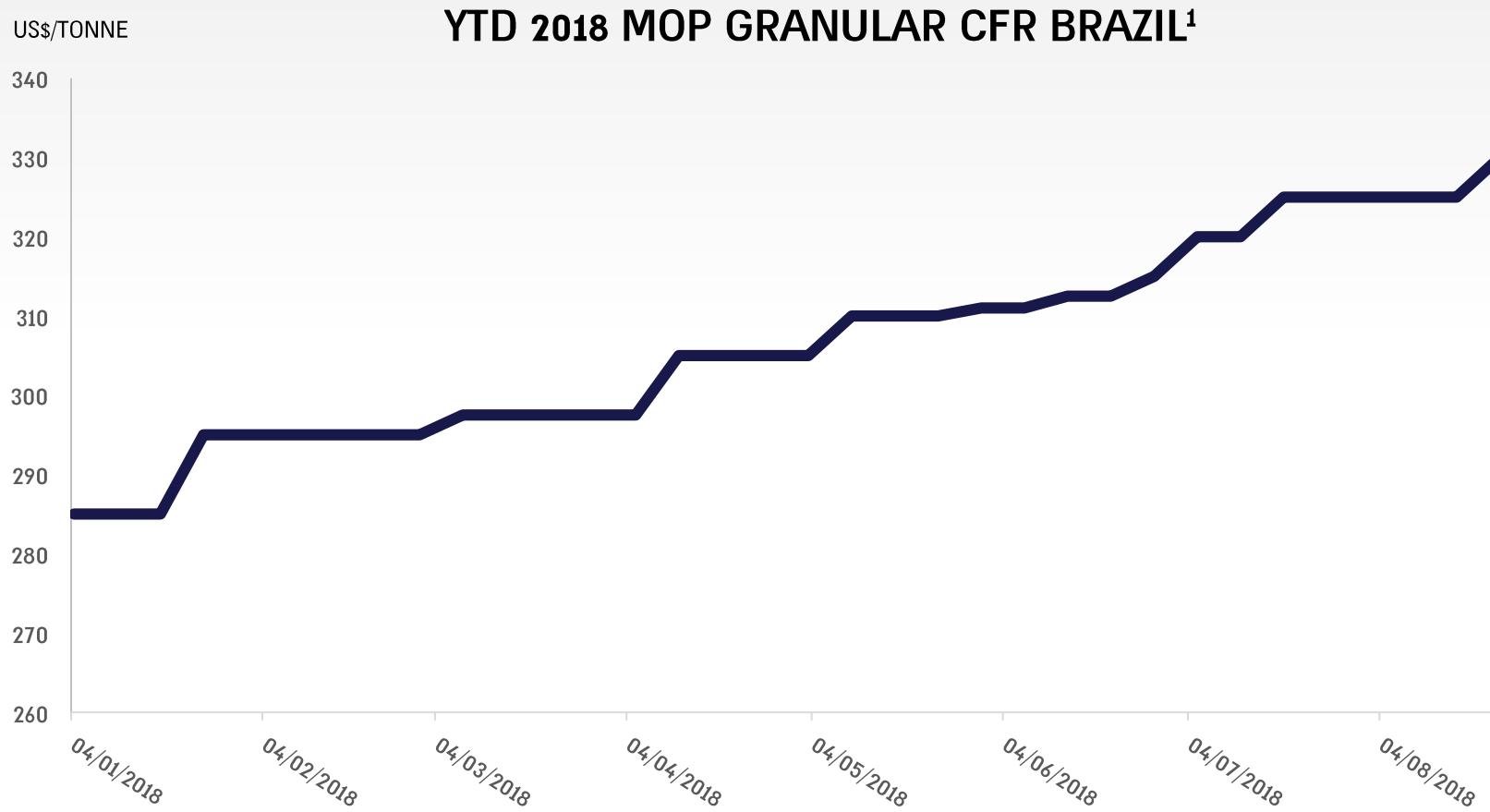
Total Import  
2017

■ APC ■ BPC ■ Capotex ■ ICL ■ Uralkali ■ K+S

■ SQM ■ BPC ■ Uralkali ■ K+S ■ Capotex ■ ICL

■ Uralkali ■ BPC ■ Capotex ■ ICL ■ APC ■ Others

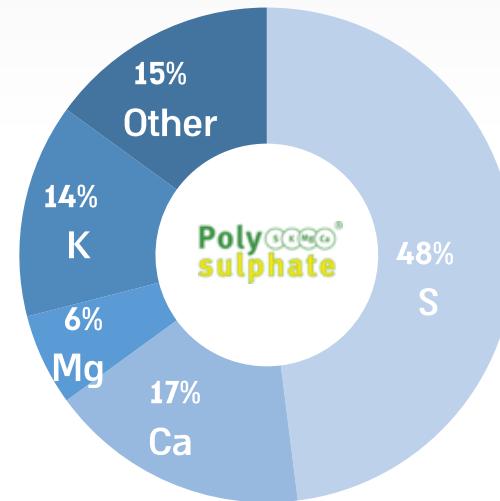
# Positive Potash Spot Pricing trend



# ICL UK: The World's Only Producer of Polysulphate

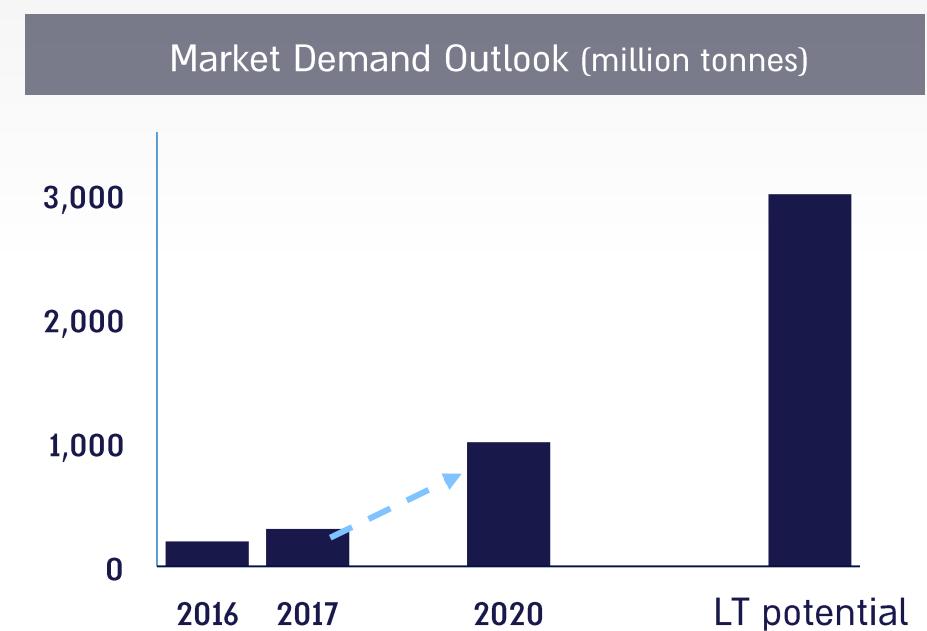
## A PREMIUM NICHE FERTILIZER WITH UNIQUE BENEFITS

### Mineral Attributes



- Multi-nutrients
- Extended Availability
- Natural fertilizer

### ICL's Advantages



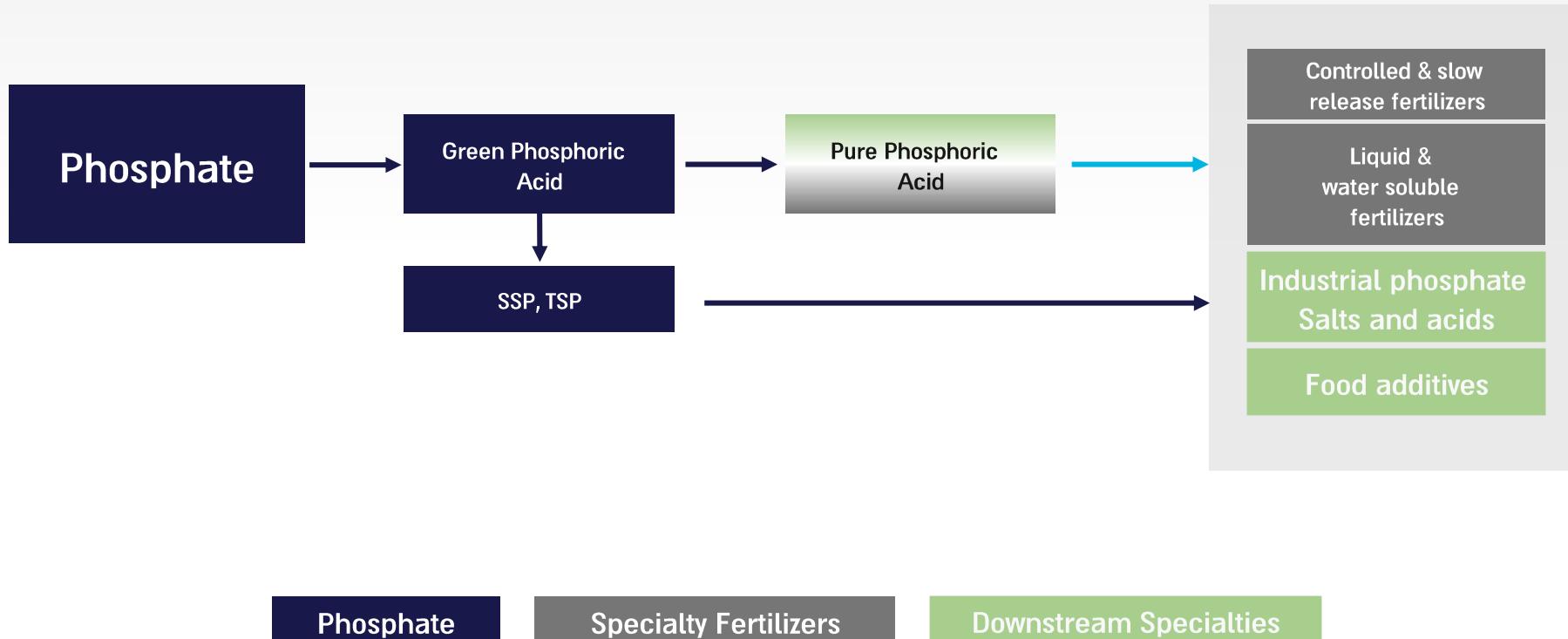
- Sole producer
- Existing infrastructure
- Market position

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# Phosphate Solutions

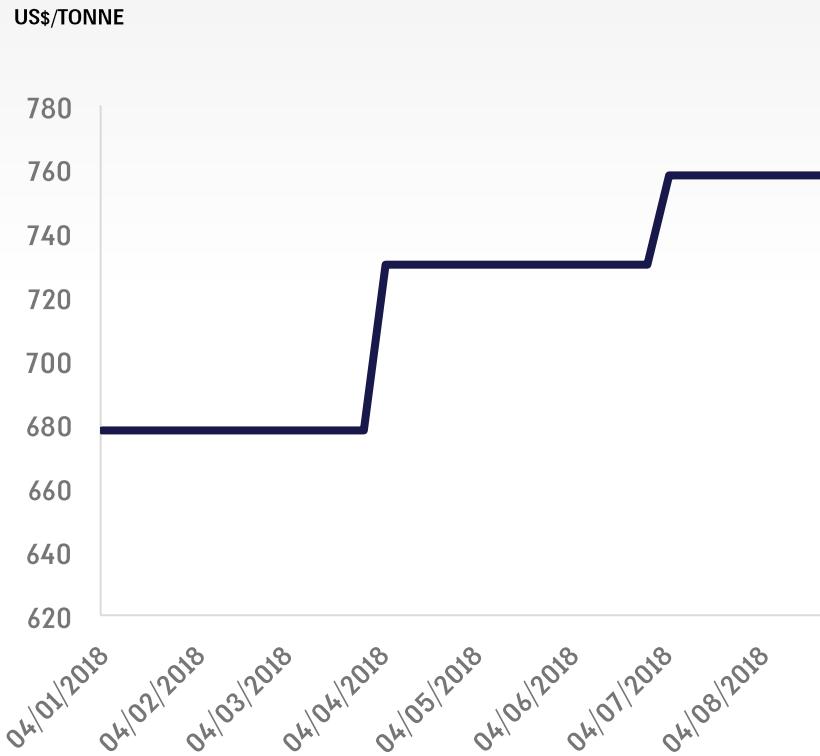
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# Phosphate Solutions: Backward Integrated Value Chain

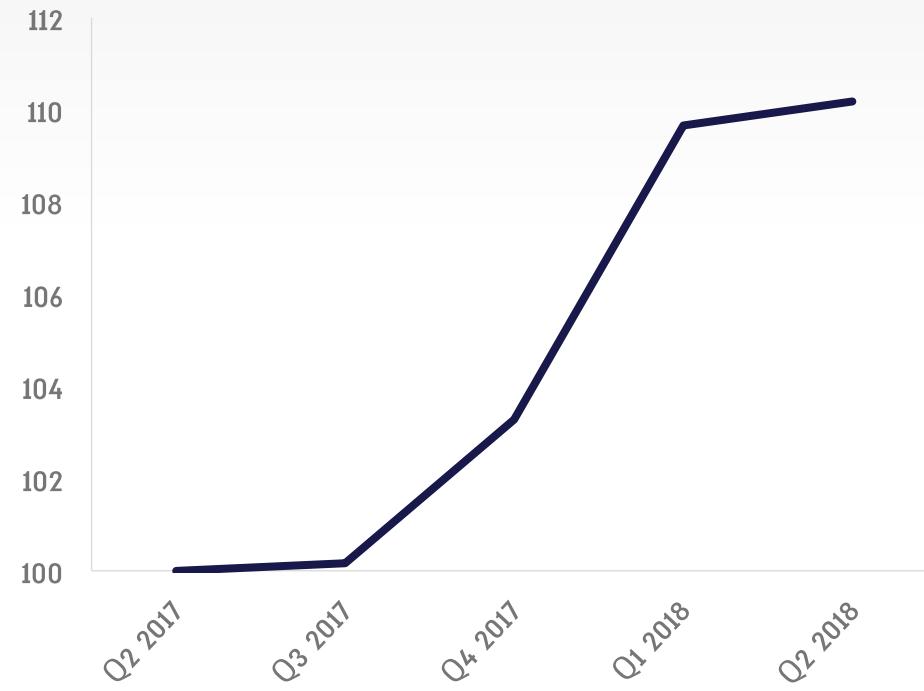


# Phosphoric Acid Pricing Trends

YTD 2018 PHOSPHORIC ACID CFR INDIA<sup>1</sup>



WHITE PHOSPHORIC ACID PRICE INDEX<sup>2</sup>



1 Source: CRU

2 Global price index for Food Grade White Phosphoric Acid, from ICL internal sources

# We Have Built a World-Class Advanced Additives Portfolio

## Phosphate Salts and Acids



## Paints and Coatings



|                  |  |  |
|------------------|--|--|
| Description      | <ul style="list-style-type: none"><li>• Technical Phosphates &amp; Related Specialties; food and technical grade Phosphoric Acids</li></ul>        | <ul style="list-style-type: none"><li>• Specialty phosphates and blends, selected organic chemistry</li></ul>          |
| Key Applications | <ul style="list-style-type: none"><li>• Metal treatment, water treatment, cleaners, oral care, cola drinks, asphalt modification, others</li></ul> | <ul style="list-style-type: none"><li>• Corrosion Inhibition, Flash Rust Inhibitors, Tannic Stain Inhibitors</li></ul> |

# Vast Product Portfolio Serving a Variety of End Food Additives Markets

|                  | Meat, Poultry and Seafood   | Dairy and Dairy Protein  | Bakery and Other  |
|------------------|---|--|---|
| Description      | <ul style="list-style-type: none"><li>Providing solutions for modifying texture and stability of food products, including meat substitutes</li></ul>                                  | <ul style="list-style-type: none"><li>Produces milk and whey proteins for food ingredients</li><li>Provides integrated solutions based on dairy proteins and phosphate additives</li></ul>   | <ul style="list-style-type: none"><li>ICL leavening acids impact the appearance, texture and volume of bakery products</li></ul>                          |
| Key Applications | <ul style="list-style-type: none"><li>Continued development of applications for low-sodium salts (SALONA™) from the Dead Sea</li></ul>  | <ul style="list-style-type: none"><li>Development of new products based on milk proteins</li></ul>   | <ul style="list-style-type: none"><li>Novel product applications by exploiting synergies between food phosphates, proteins, starches and fibers</li></ul> |
| M&A              | <ul style="list-style-type: none"><li>In 2014, completed acquisition of the Hagesud Group, a German producer of premium spice blends and food additives for meat processing</li></ul> | <ul style="list-style-type: none"><li>In 2015, completed acquisition of Prolactal GmbH, a leading European producer of dairy proteins</li><li>On June 2018, ICL entered into an agreement for the sale of the assets and business of Rovita, which produces commodity milk protein</li></ul> |   |

# Food Specialties: Markets and Competition

## Food Phosphates, Blends & Multi-Blends



## Dairy and Protein



## Spices



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# Innovative Ag Solutions

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# Building Leadership in Advanced Crop Nutrition Solutions

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# ICL's Leadership in the Specialty Fertilizers Market

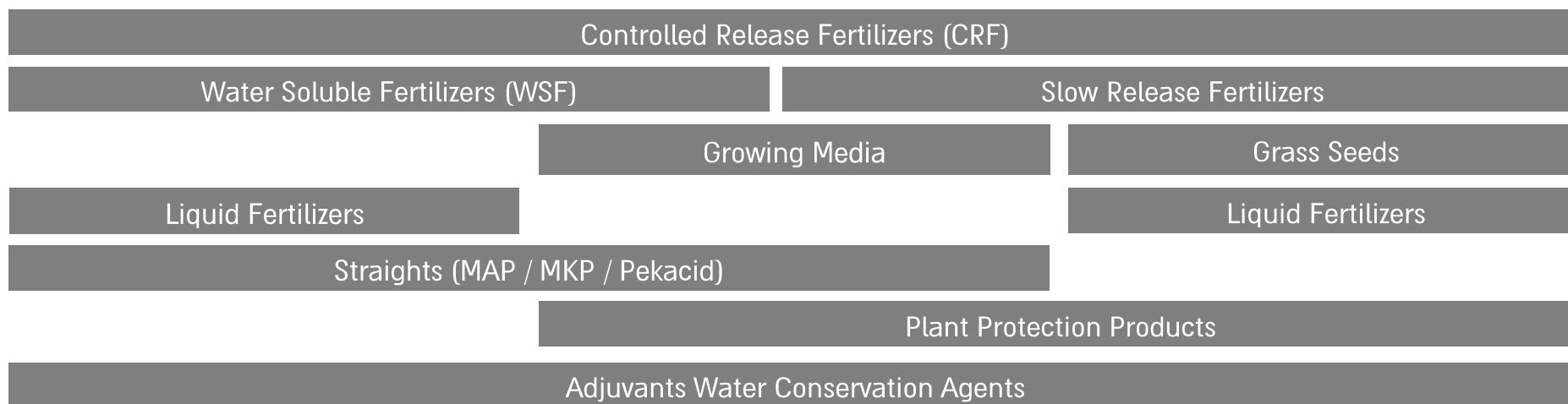


# ICL Specialty Fertilizers: Our Strengths

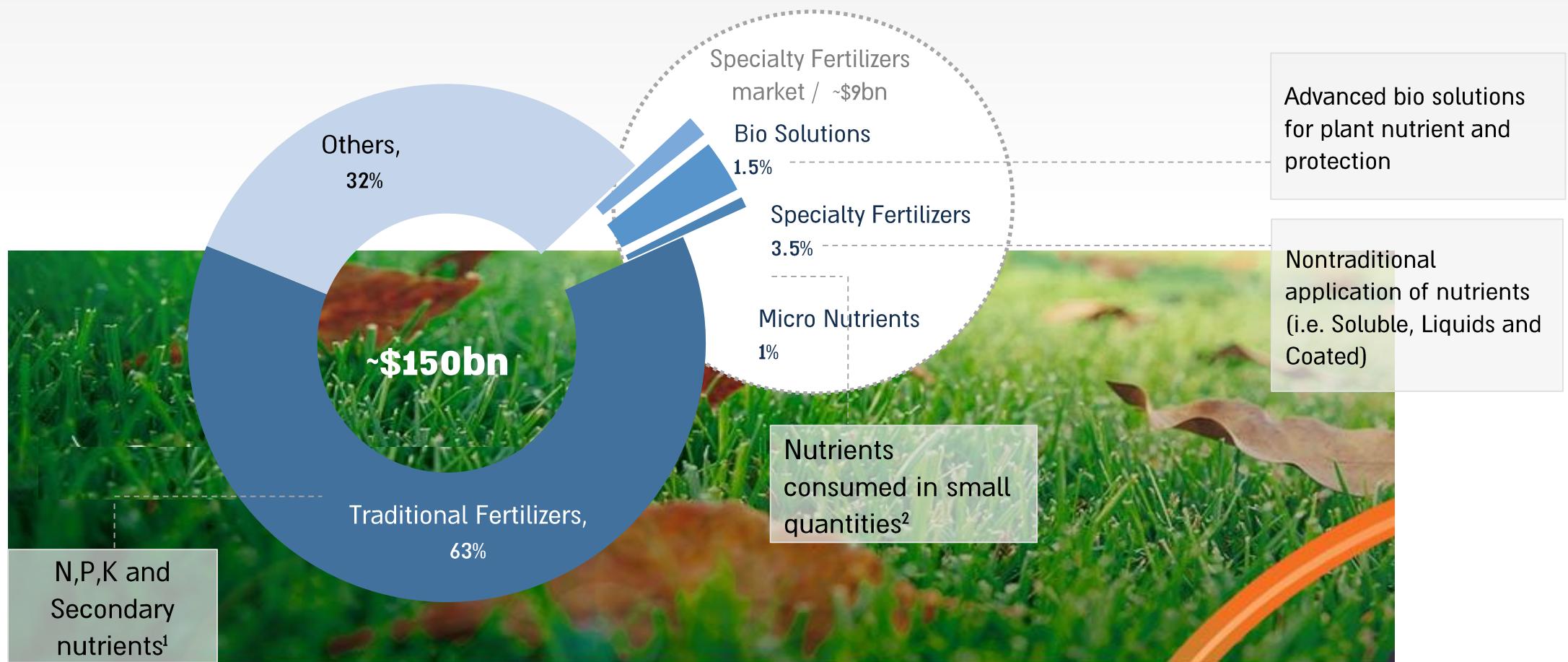


- Leader in Key Markets
- Access to P and K resources, unique access to Polysulphate
- Wide Portfolio with well established brands & unique products
- Profound agronomic knowledge & strong professional sales force
- Advanced P and K chemistry
- Advanced and flexible manufacturing technologies
- Efficient Supply Chain
- Leveraging on supporting global trends

# Our Core Markets and Products Today



# Specialty Fertilizers and Bio Solutions Have Became An Important Part of the Ag Input



<sup>1</sup> Calcium, Magnesium and Sulfate

<sup>2</sup> iron, cobalt, chromium, copper, iodine, manganese, selenium, zinc and molybdenum

# Leveraging Precision Ag to Grow Sales

Digitization of Farms -Sensing,  
Analytics and Connectivity Solutions



Big data insights



New products  
New customers



More sales

