



TSX-V: IB
OTCQX: IAALF

IBC Advanced Alloys®

A leading supplier of specialty materials and rare metal alloys for the global market

Beryllium and Advanced Alloys A Platform for Growth

November 2012 Corporate Presentation

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At a Glance

- **Rare Metals – R&D – Manufacturing**

- Established 2007 to capitalize on rare metals opportunity
- Proprietary beryllium alloy technology
- Strategic Be supply partnership with Kazatomprom⁽¹⁾
- Copper alloys and Aluminum alloys leaders
- Manufacturing in MA, IN, PA, MO
- R & D in nuclear fuels and advanced beryllium alloys
- 2010 revenues \$14m, 2011 revenues \$20m and 2012 **xx**



Opportunity exists to grow current market share and dramatically increase Be market size

(1) On March 24, 2010, IBC signed a binding three-year supply agreement whereby Kazatomprom's wholly owned subsidiary, Ulba Metallurgical Plant, will supply beryllium and beryllium alloys to IBC on agreed terms

At a Glance

- **Opportunity:**
 - Grow market share
 - \$2b global market (Be, Be alloys & nonferrous alloys)⁽¹⁾
 - Fractured market / two major suppliers
 - Acquisition and consolidation
 - Grow overall market
 - Stimulate Be demand with new products
 - R&D and market growth
 - Manufacture high margin profitable applications



(1) Management estimate

At a Glance

Oct. 31, 2012

Inception:	2007
Revenues: (FY '10, '11, '12)	\$14m, \$22.9m, \$25m
Shares Outstanding:	254.4m
Fully Diluted	353.0m
Options:	19.9m
Warrants:	78.5m

TSX-V: IB

100 day average daily vol:	494k
100 day hi – lo close:	\$0.14 – \$0.07
Market Cap:	\$22.9 m

OTCQX: IAALF

100 day average daily vol:	323k
100 day hi – lo:	\$0.13 – \$0.075
Market Cap:	\$23.9m

Head Office:	Vancouver, BC
Operations:	Wilmington, MA Franklin, IN Royersford, PA New Madrid, MO
Trading:	TSX-V: IB OTCQX: IAALF

Share Ownership:

Firebird Master Fund	24%
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Insider Ownership **1.5%**

Financings:

October 2011	\$3.45M
June 2011	\$8.05M
March 2010	\$10.35M
May 2009	\$1.25M
March 2008	\$7M
July 2007	\$10M
May 2007	\$1.1M

What is Beryllium?

Beryllium

Beryllium is a rare metal with unique characteristics.

It is used as a **pure metal** or as an **alloy** with copper and aluminum.

Bertrandite and beryl pegmatite are the two most common beryllium ores.



Where is Be Used?

Beryllium

- **Pure Beryllium: Government and Strategic**



Where is Be Used?

Beryllium

- **Beryllium Alloy: Commercial and Industrial**



Beryllium Market

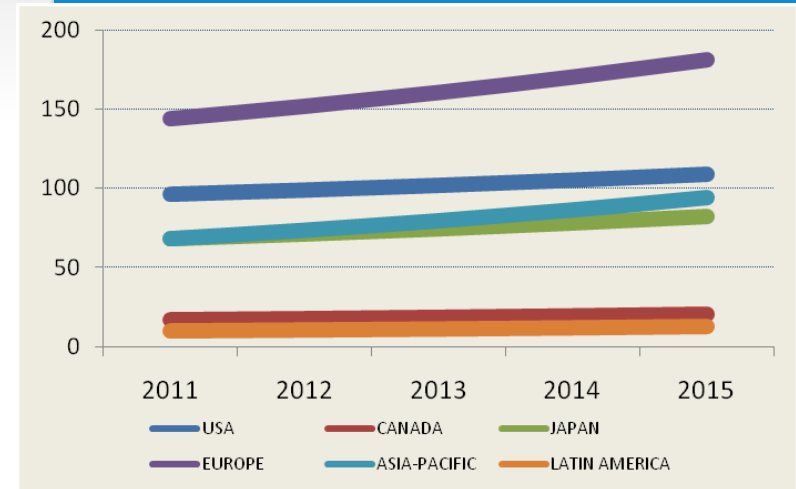
Beryllium

- **‘Global Beryllium Demand to Reach 465 Metric Tons by 2015’**

Global Industry Analysts, Inc. 2010

- **Growing Be supply/demand**

- Imbalance favors suppliers
- Only three primary sources globally (BW, Ulba, US gov’t)
- No spot market
- Dramatic price rise (44%) between 2006 and 2008 (up to \$500/kg)
- High price has prevented wider use of Be
- One source (US Govt. stockpile) decreased availability 2008 / 2009



WORLD BERYLLIUM CONSUMPTION (METRIC TONS)

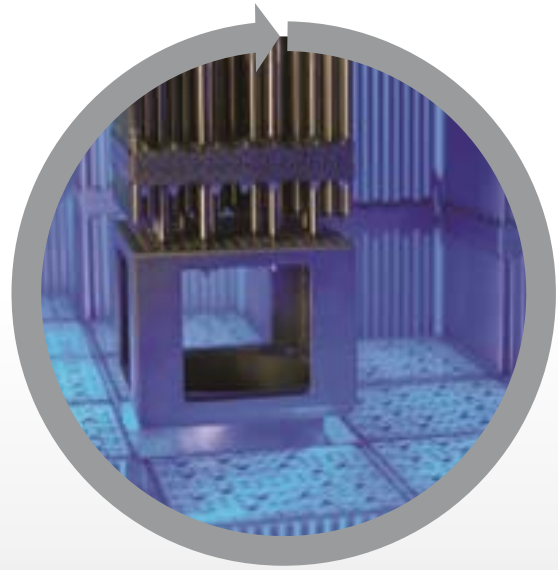
Source: Beryllium – A Global Strategic Business Report, Global Industry Analysts, Inc.

IBC Divisions

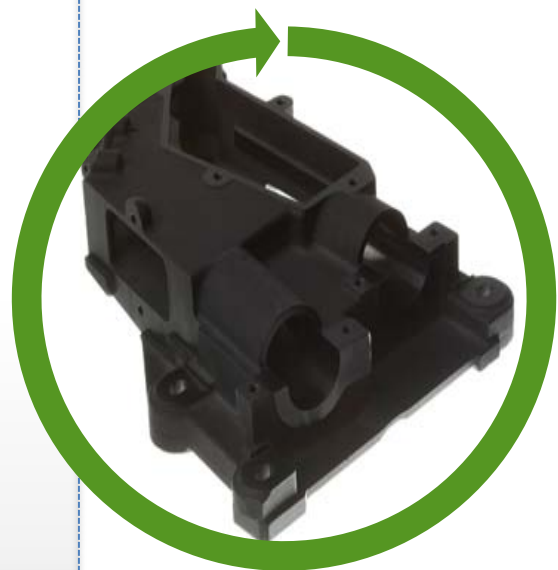
IBC



**Upstream Rare
Metal Supply**



R&D



Manufacturing

Processing &
Metal Supply

- Kazatomprom (Ulba)

Manufacturing:
Copper Alloys
Aluminum Alloys

- Product Development
 - New Alloys
 - Casting Technology
 - Extrusion
 - Automation
- Market Development
- R&D

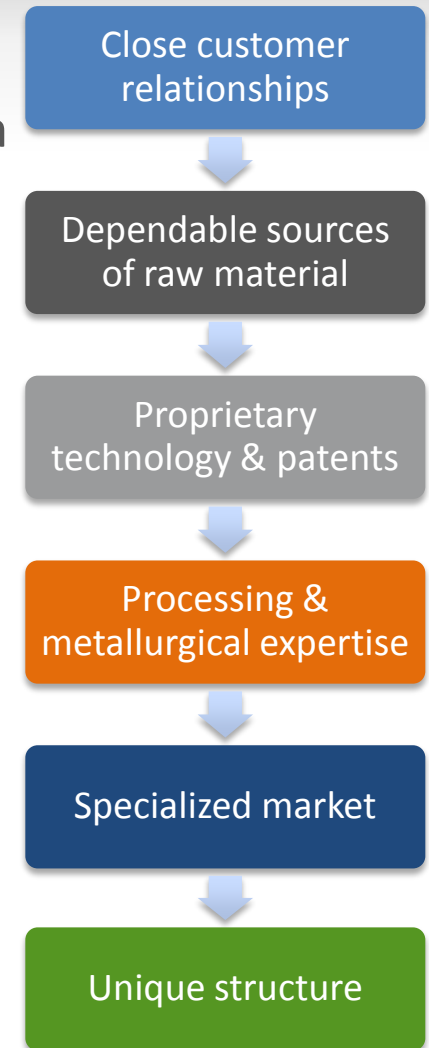
Distribution

- Customers:
 - Honda
 - Toshiba
 - NGK
 - US National Labs
 - Honeywell
 - General Dynamics
 - Raytheon

IBC's Competitive Advantage

IBC

- **Dependable sources of raw material**
 - Long term strategic relationship with Kazatomprom
 - Approved buyer from DOD
- **Proprietary technology**
- **Processing and metallurgical expertise**
- **Specialized market**
- **Unique structure (vertically integrated)**
- **Close customer relationships**
 - Best lead times in the industry



Management & Directors

IBC



Anthony Dutton
Director, President &
CEO

Finance & Strategic
Advisory Background



Major General David R. Heinz (Ret)
Director

Retired officer of US
Military



Ian Slater
Director

CA and past Managing
Partner of Ernst &
Young's Canadian mining
practice



Simon J. Anderson
Chief Financial Officer

Chartered Accountant
with public and private
company experience as
director / officer



Dal S. Brynelsen
Director

President and CEO of
Vangold Resources Ltd.,
Corporate Finance



Mike Jarvis
Director

Former President of
Franklin Power Products
and Delco Remy's
Powertrain Division



Alastair Neill
Director

Former VP Sales & GM of
AMR (Neo-Material
Technologies)



Jim Malone
Vice President Nuclear
Fuels, Chair, IBC Nuclear
Fuels Advisory Board

Former VP Nuclear Fuels
for Exelon Corp.

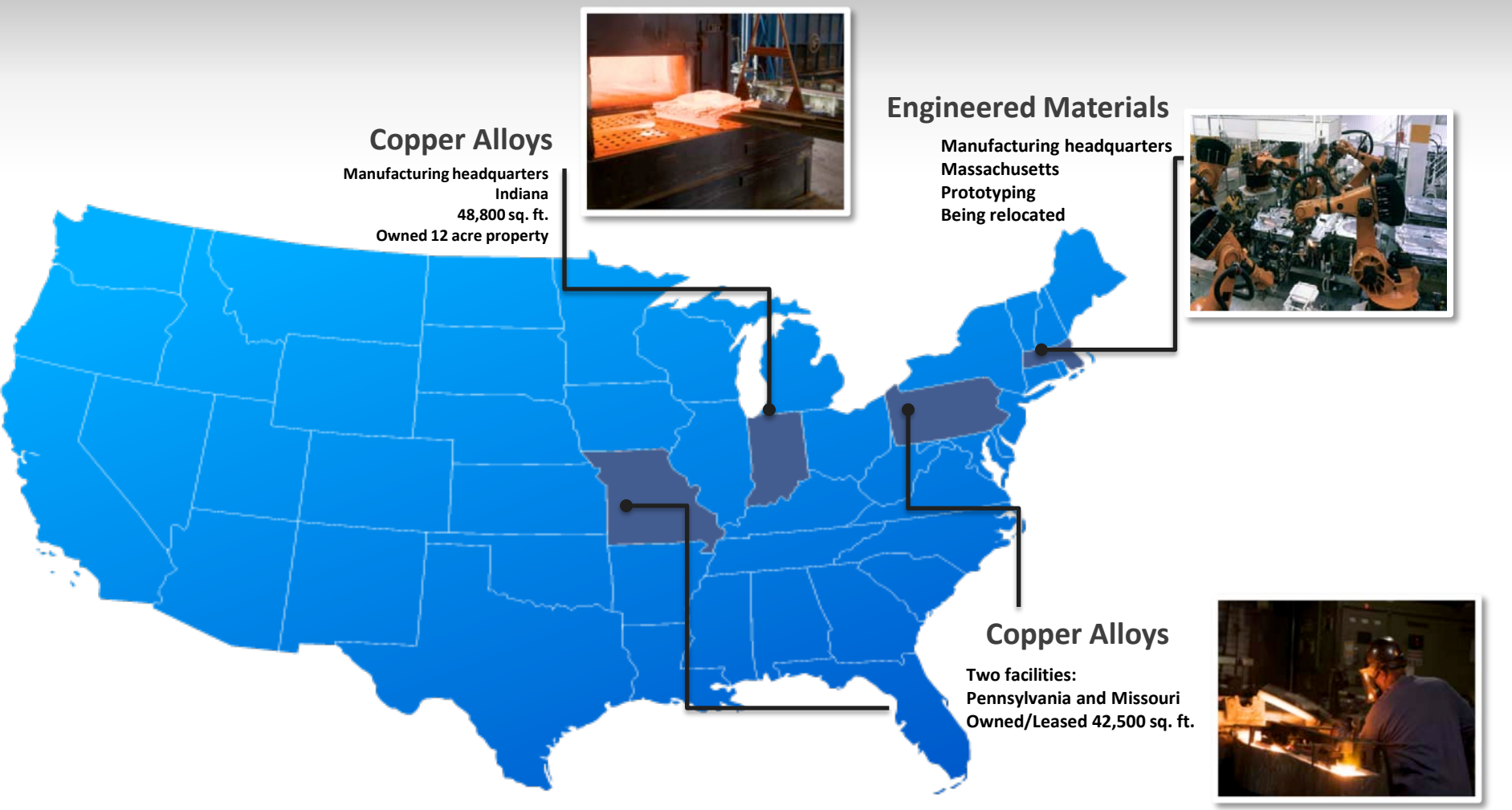
Ray White
President of IBC Engineered Materials

Mark Wolma
President of IBC Nonferrous

Douglas Veitch
Vice President of Business Development

Rajeev Jain
Vice President of Sales

Plant Locations



Copper Alloys

Manufacturing headquarters
Indiana
48,800 sq. ft.
Owned 12 acre property



Engineered Materials

Manufacturing headquarters
Massachusetts
Prototyping
Being relocated



Copper Alloys

Two facilities:
Pennsylvania and Missouri
Owned/Leased 42,500 sq. ft.



Business Strategy

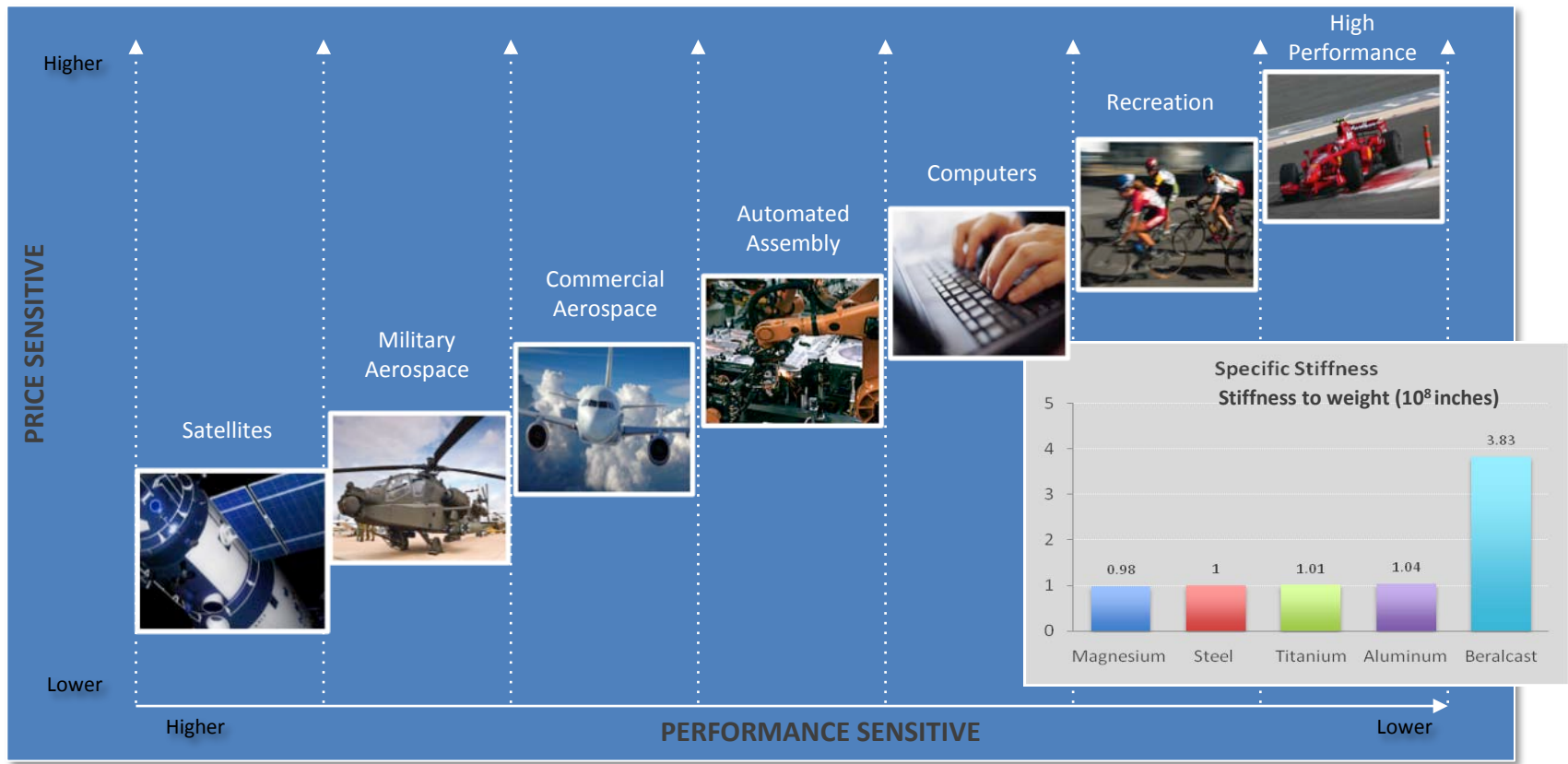
- **Expand Be market and attract market share**
 - Expand sales and marketing team / aggressively pursue new business
 - Increase business growth through existing customer base
 - Develop new markets and offer competitive products
 - Continue manufacturing consolidation
 - Increase margins
 - Improve production efficiencies
 - Seize highly accretive acquisition opportunities
- **Continual investment in beryllium R&D**
 - Nuclear fuels / wind power / new products
 - Objective to increase demand for Be resource

IBC Engineered Materials

IBC

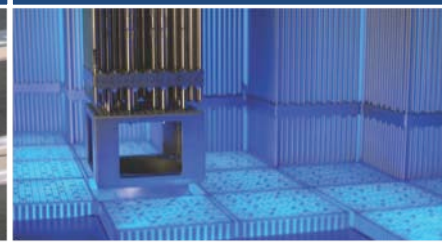
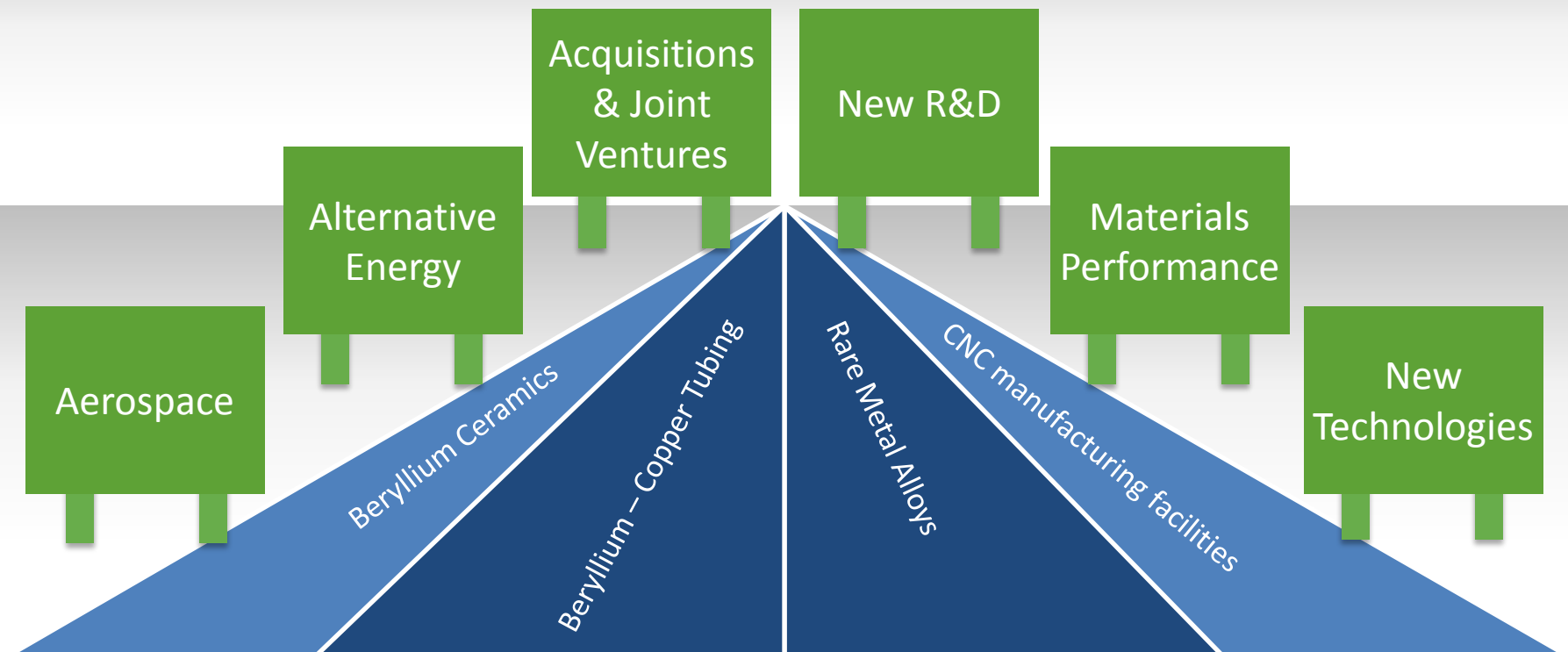
- IBC Engineered Materials' Beralcast is a Be alloy with superior capabilities to other materials and composites

Tailored alloys to meet performance cost objectives



Growth Drivers

OPPORTUNITY



Nuclear Fuel – R&D Partnership

Nuclear fuels research with Purdue University, Texas A&M University and MIT
Nuclear Fuel development MOU with GNF (GE Electric) Provisional Patents Filed

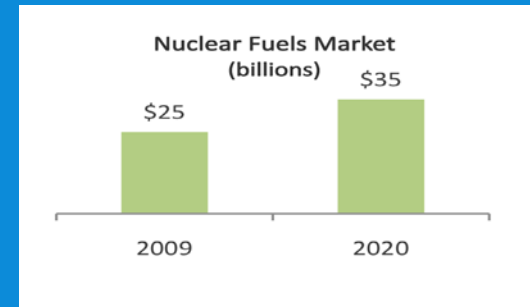
Expected Benefits:

- **Increased MWdays per tonne**
 - Utility cost savings
- **Lengthened fuel cycle**
 - Less waste
 - Less uranium required
- **Lower core temperature lower temperature gradient**
 - Increased reactor safety

OPPORTUNITY



Nuclear fuels market currently \$25 billion, projected \$35 billion by 2020



Nuclear Fuels Advisory Board:

Dr. Alvin Solomon

Professor Emeritus, Purdue

Joel Gingold

Retired VP, GM And Director Of Stoller NF

James Malone

IBC VP Nuclear Fuels, Former Senior VP NF, Exelon Corp.

IBC Conclusion

- **IBC is an attractive growth opportunity**
 - Profitable and growing manufacturing operations
 - Widening rare metals portfolio with new applications
 - Global presence and strong growth fundamentals
 - Value added opportunities through R&D and synergies
 - Strong management and board of directors
 - Sustainable competitive advantage
 - Additional consolidation potential
 - Attractive valuation to peers

THANK YOU!