

Business Intelligence – How to Dissect a Market Opportunity

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Overview

- ▶ Background
- ▶ Definitions
- ▶ Standard approaches
 - Top down analysis
 - Bottom up analysis
- ▶ Alternative approaches
 - Basis and relational data
 - Capability driven market analysis (CDMA)
- ▶ Growing beyond your current space
 - Lateral thinking
 - Assumption storming
 - Bull's eye

Smart Decisions Start Here

Market research and analysis for your next breakthrough

Background

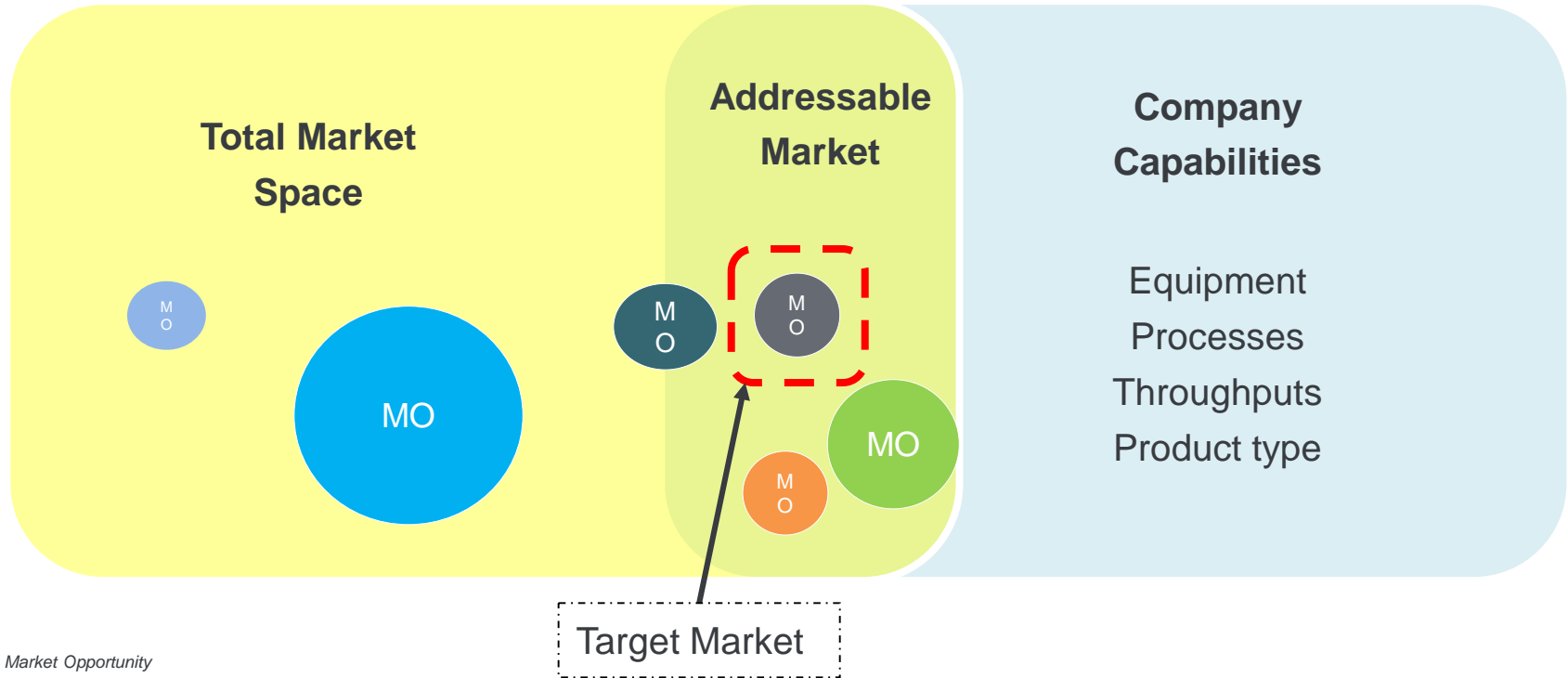
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Market Definitions



MO = Market Opportunity

Addressable Market = the revenue opportunity for a product or service

Target Market = likely buyers (usually geographic based)

Assessing the Market: Standard Approach

► Find Public Data:

- The U.S. Census Bureau's Annual Survey of Manufacturers
 - <https://www.census.gov/programs-surveys/asm.html>
- US Geological Survey
 - <https://minerals.usgs.gov/minerals/pubs/commodity/>
- The Aluminum Association
 - <http://www.aluminum.org/statistics>
- Wards Auto
 - <http://wardsauto.com/>
- US Energy Information Administration
 - <https://www.eia.gov/>



*Market size is **NOT** published for all markets. Published data may not be available for small markets or international markets and may not sufficiently be segmented.*

Assessing the Market: Standard Approach

► Analyze Competitor Sales

- Private Companies
 - Dun & Bradstreet / Hoovers (<http://www.dnb.com/>)
 - OneSource (<https://custom.onesource.com/>)
- Public Companies
 - NASDAQ (<http://www.nasdaq.com>)
 - Market Watch (<http://www.marketwatch.com>)



Adding up competitor sales to determine market size is not feasible in fragmented markets and relies on the collection of relatively sensitive competitive intelligence.

Assessing the Market: Standard Approach

▶ Survey Customers

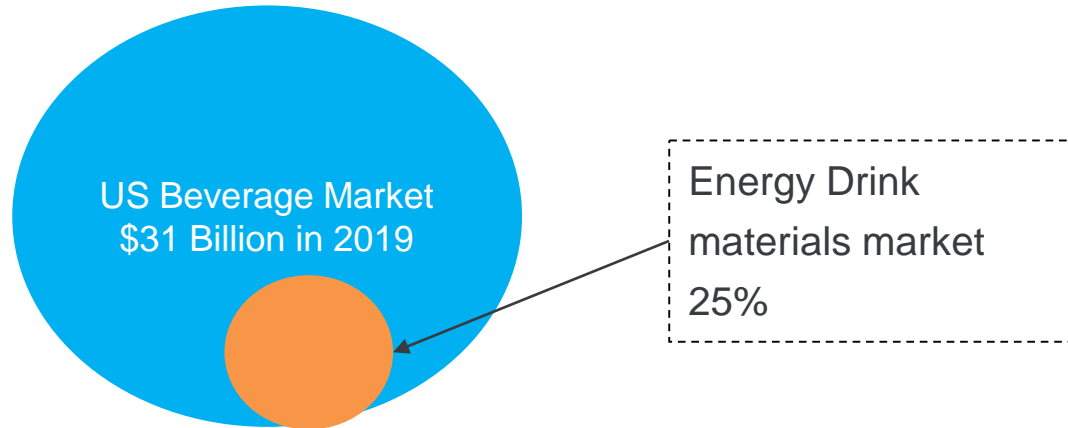
- Survey a sample of customers and extrapolate across the market
- Common tools:
 - CARAVAN® Omnibus Surveys (<https://orcinternational.com/solution/caravan-omnibus-surveys/>)
 - TraQline (<https://stevensoncompany.com/products-services/traqline/>)
 - Gerson Lehrman Group (<https://glg.it/>)
 - Survey Monkey (<https://www.surveymonkey.com/>)
 - Google Surveys (<https://www.google.com/analytics/surveys>)



Determining market size by surveying customers can be costly in B2B markets where customers are hard to reach and the market penetration is low.

Top Down Market Analysis

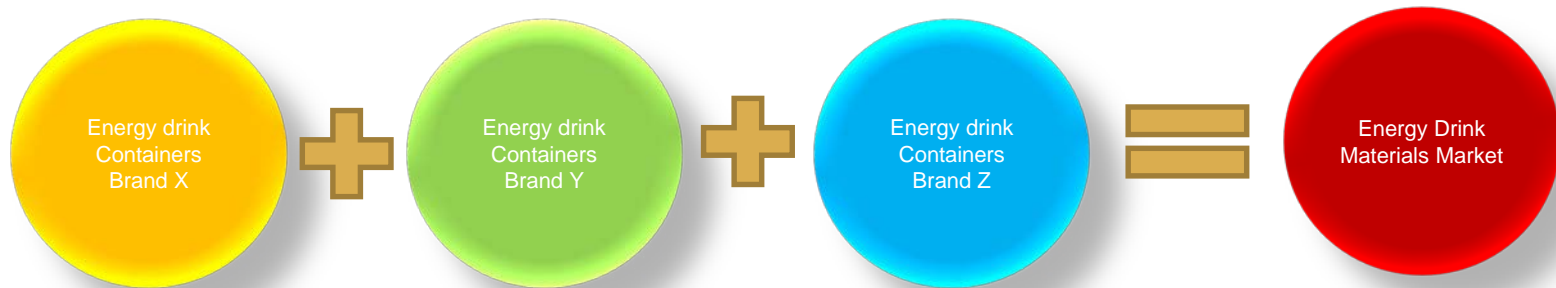
- ▶ Determines total market space
- ▶ Estimate the share of the market



Quicker. More time efficient. Lacks detail and does not enable in-depth opportunity analysis.

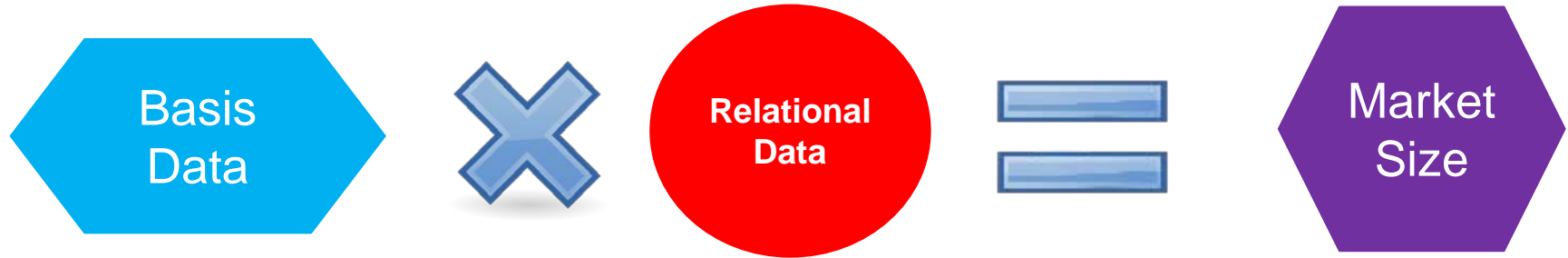
Bottom Up Market Analysis

- ▶ Determines addressable/target market
- ▶ Identifies each variable that can total up to the addressable or target



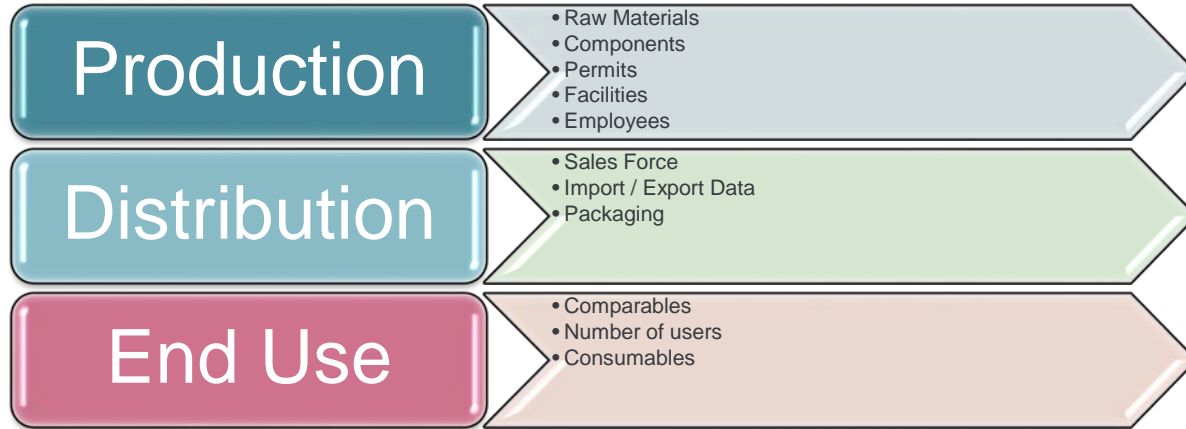
More accurate. Takes much longer. More valid since technically it will not use non-addressable revenue or units.

Basis & Relational Data Approach



Types of Basis Data

Types



Process



Market Size Calculation

Basis & Relational Data Method

Basis Data		Relational Data					Market Size
Region	2010 Population	Population% b/w 18 - 44 yrs	Avg Soda Consumption (Cans per Wk)	% of Energy Consumption	No. of Wks.	Weight of Empty (lbs)	New Material Annually (tons)
Northeast	55,317,240	36.5%	2.5	25%	52	0.033	10,827
Midwest	66,927,001	36.5%	2.5	25%	52	0.033	13,100
South	114,555,744	36.5%	2.5	25%	52	0.033	22,422
West	71,945,553	36.5%	2.5	25%	52	0.033	14,082
US	308,745,538	36.5%	2.5	25%	52	0.033	60,431

Growing Beyond Your Market Space

- **Lateral thinking**
 - Use reasoning not immediately obvious
 - Use random nearby objects
 - Document the opportunities!



Growing Beyond Your Market Space

► Brain Storming vs. Assumption Storming

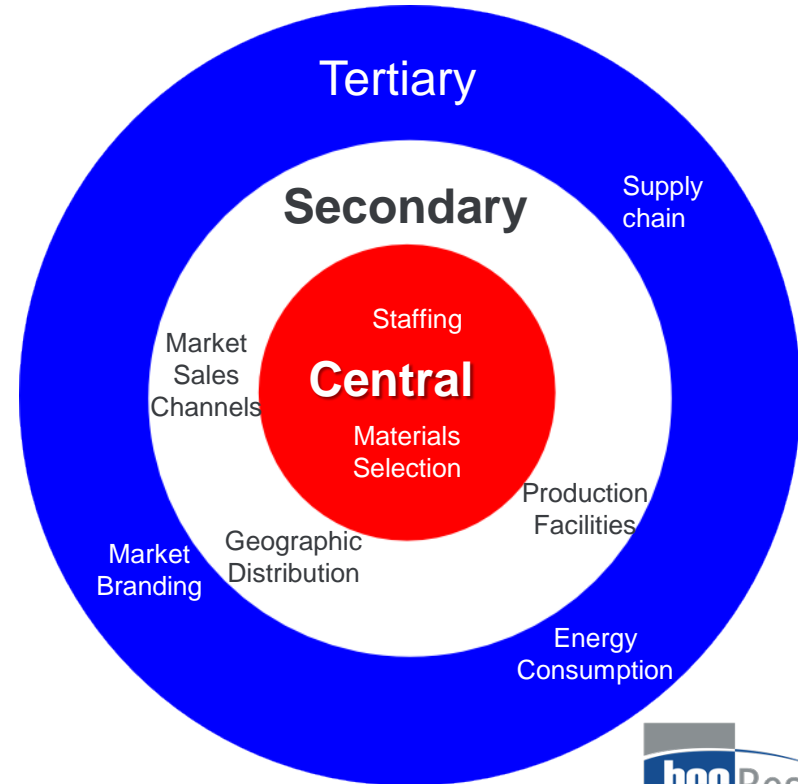
- Assumptions of the energy drink materials market?
- Attack the assumptions
- Document the new opportunities!



Growing Beyond Your Market Space

▶ Bull's Eye

- Capture opportunities through focused ideation
- Relate to lateral thinking and/or assumption storm
- Document opportunities!



Thank You!

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