



# Technology Assessment & Vendor Identification for Freeze Drying

<b>Client</b>	A leading global food and beverage company
<b>Industry</b>	F&B
<b>Products</b>	Freeze Dried Products

## Engagement Scope

1	Technology Overview & Assessment	2	Industrial Overview & Assessment	3	Key Finding and Conclusions
	<ul style="list-style-type: none"> <li>What are the key freeze drying process and principles?</li> <li>What are the ongoing developments/ innovations, advancements in freeze drying technology?</li> <li>What is the comparison of freeze drying with other technologies, like vacuum drying, spray drying and other?</li> <li>Who are the key patent assignee, independent innovators and their IP focus</li> </ul>		<ul style="list-style-type: none"> <li>What is the estimated volume of freeze dried food ingredients?</li> <li>Who are the key industrial scale suppliers of freeze dried ingredients capable of handling the client's requirements?</li> <li>Who are the industrial scale 3P-companies providing customized freeze drying service for bulk volume (custom manufacturing)?</li> <li>Who are the major freeze drying equipment manufacturers?</li> </ul>		<ul style="list-style-type: none"> <li>Output included head-to-head comparison of different conventional &amp; modern drying methods &amp; technologies</li> <li>Study provided road-map to integrate the use of freeze drying ingredient and actionable recommendations</li> <li>Provided quotes from different vendors for a processing line for 500kg / day raw material processing</li> </ul>

## Background

- The Client was interested in understanding the complete landscape of technology, products and players pertaining to freeze drying of food products
- The Client wanted to identify potential technology & its vendors for partnership

## Key Business Questions

- Which are the key technologies that can be used for freeze drying of food products?
- What are the key innovations and advancements happening in this area?
- Who are the industrial scale suppliers of these freeze dried food ingredients?
- Which are the potential partners whom client can reach out for customized freeze drying service and equipment?

## Research Methodology

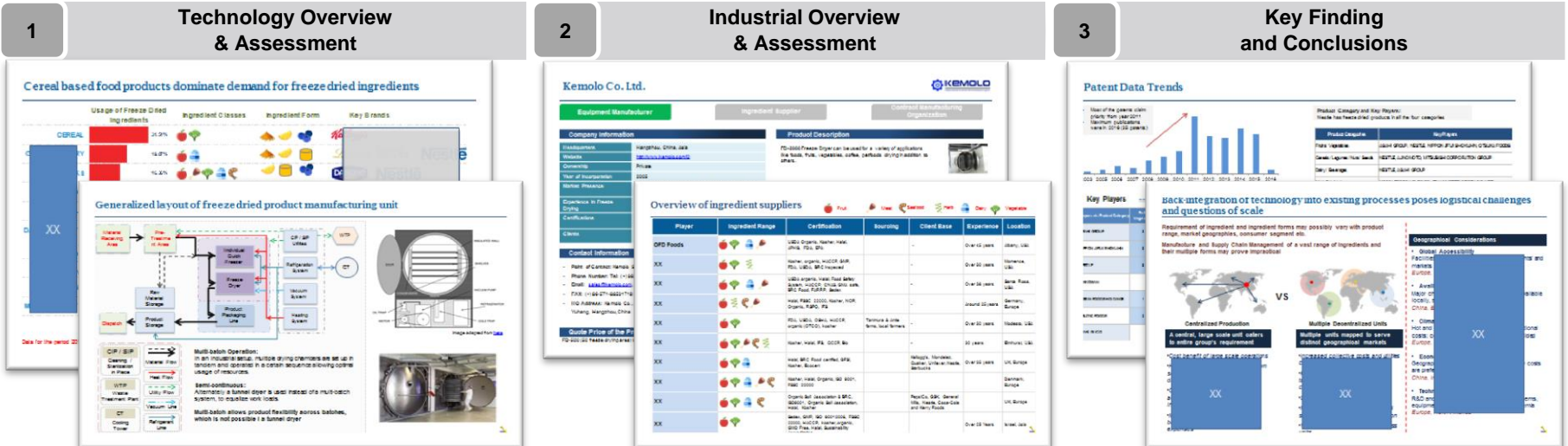
### Secondary Research

- Conducted secondary research based on open sources including - company websites, press releases, technology portals, etc.
- Referred paid data sources for gathering scientific and patent literature through patent and scientific databases

### Primary Research

- 5 Telephonic interviews with industry experts & consultants
- 15+ Telephonic interviews with suppliers & vendors

## Sample Analysis



# Thank you

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