



#### Disclaimer

This IR Presentation contains forward-looking statements that are based on management's expectations, estimates, projections and assumptions.

Actual results may differ from those we project and may be affected by the business environment, government regulation and legislation, financial market movement, or other factors.

All forward-looking statements speak only as of the date of this report. The company does not undertake any obligation to update or publicly release any revisions to forward-looking statements to reflect events, circumstances or changes in expectations after the date of this report.

The Company has adopted its financial statements under International Financial Reporting Standards (IFRS) since 2011

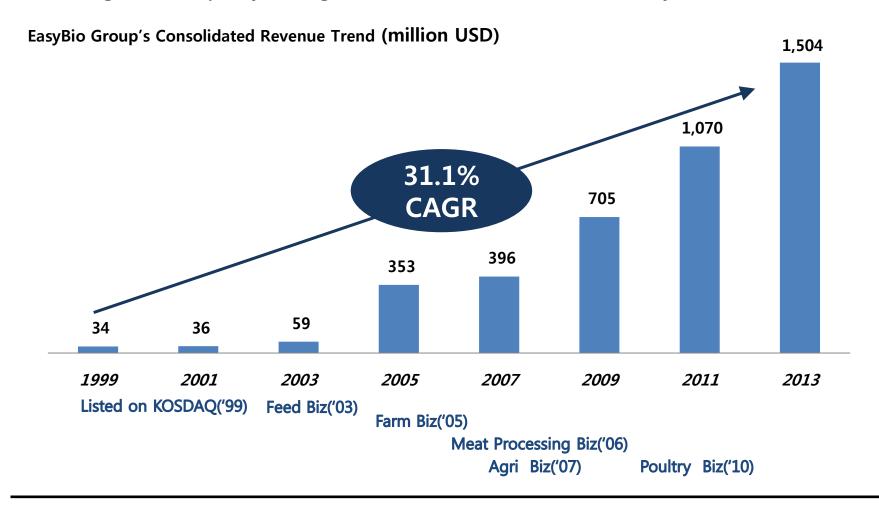






## 1. History

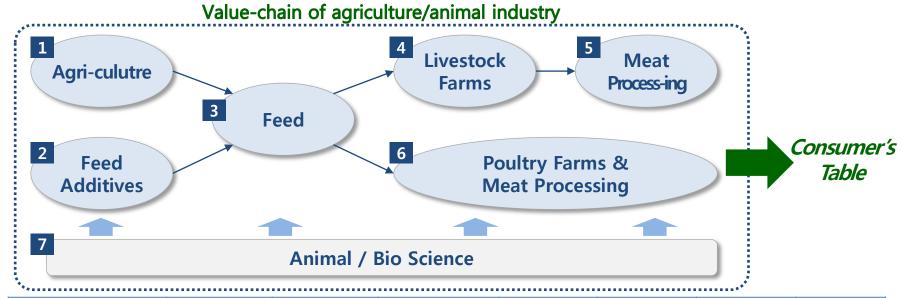
Since EasyBio started biz as a feed additives & consulting co. in 1988, it has grown rapidly in agriculture & livestock industry





## 2. Value chain

EasyBio Group of 40 companies, as an agriculture/animal industry leader in Korea, doing Biz in 7 related industries

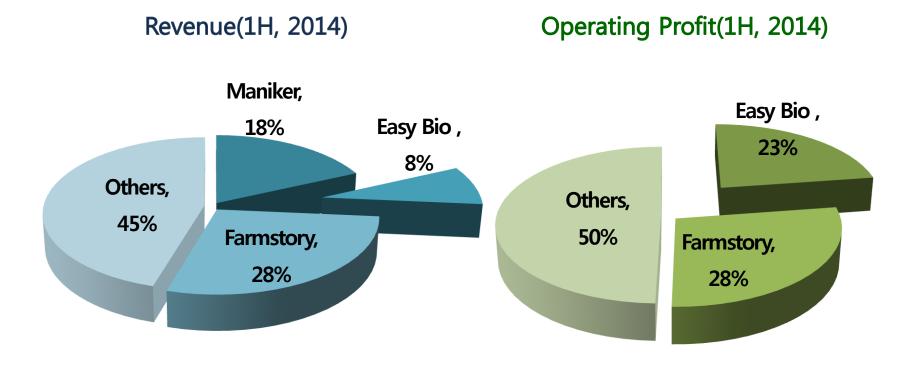


		1	2	3	4	5	6	7
Easy Bio Family		<ul><li>Saedulman</li><li>Ecohoz</li></ul>	· EasyBio	<ul><li>I-feed</li><li>Farmstory B&amp;F</li><li>Seoul Feed</li><li>Easy Farms</li></ul>	<ul><li>Woorison</li><li>Farm's</li><li>World</li></ul>	• Farmstory LPC • Kangwon LPC	<ul><li> Maniker</li><li> DM</li><li> Sunghwa</li><li> Jayeonilg</li></ul>	· Optipharm
Competitor	Domestic		· CJ cheiljedang	<ul><li>Nonghyup</li><li>Farmsco·Sunjin</li></ul>			· Harim · Dongwoo	
	Global	· Cargill · ADM	· Bayer · DSM · AB Foods	• CP • Cargill-Purina		<ul><li>Smith Field</li><li>Agrosuper</li></ul>	· JBS ·Tyson food	



## 3. Revenue & Operating Profit contribution

The portion of sales revenue and operating profit occupies 8% and 23%



Total Revenue: 725 Million USD Total O.P: 51 Million USD

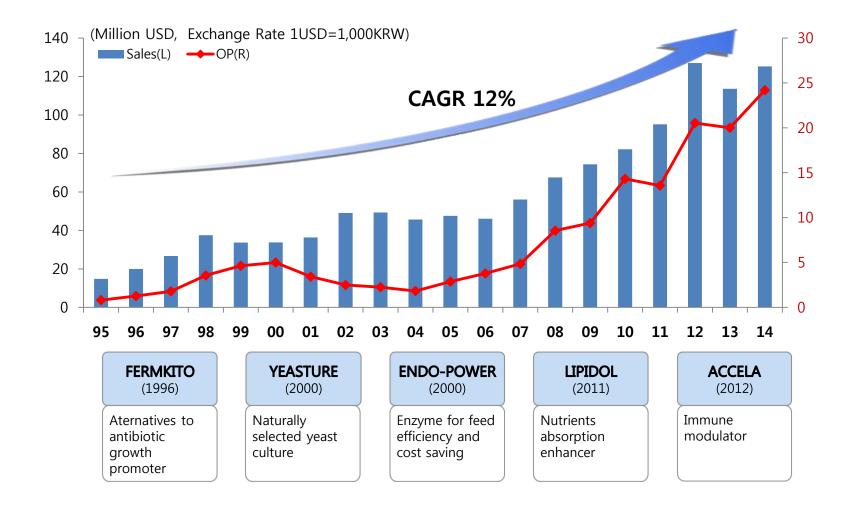


# 1. Company Overview

Company Name	EASY BIO, Inc.				
CEO	JI WEON CHEOL				
Establishment / Listing	Mar. 1988 / Nov. 1999 (KOSDAQ)				
Outstanding Shares	50,524 Thousand Shares				
Subsidiaries	40 Companies				
Production Facilities	Cheonan City, Chungnam Province, Korea (2 sites with total 101,400 MT/year production capacity)				
Web site	www.easybio.co.kr				
Products	<b>Feed Additives :</b> Products with specific functionality (Enzyme, Absorption enhancer, Prebiotics, Probiotics)				
	<b>Feed Supplements :</b> Conventional and nutritional supplements in animal feed (Vitamin, Trace mineral, Organic acids, Concentrated fiber etc.)				
	Milk replacement: Formula for young animals to replace milk				



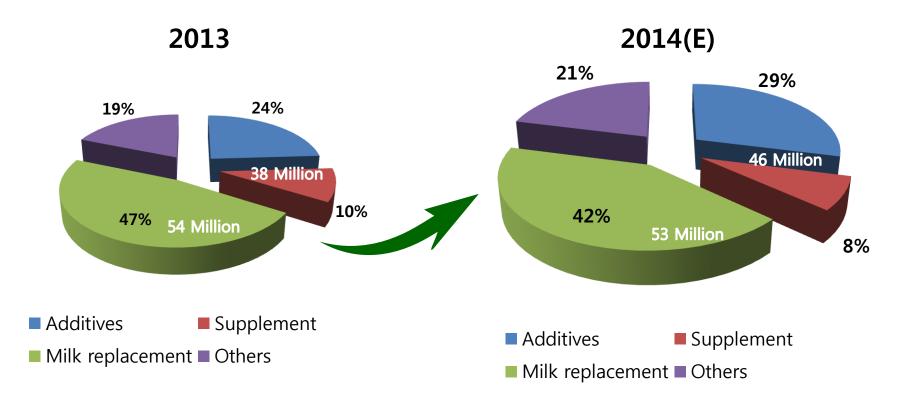
## 2. Milestones





## 3. Product Mix

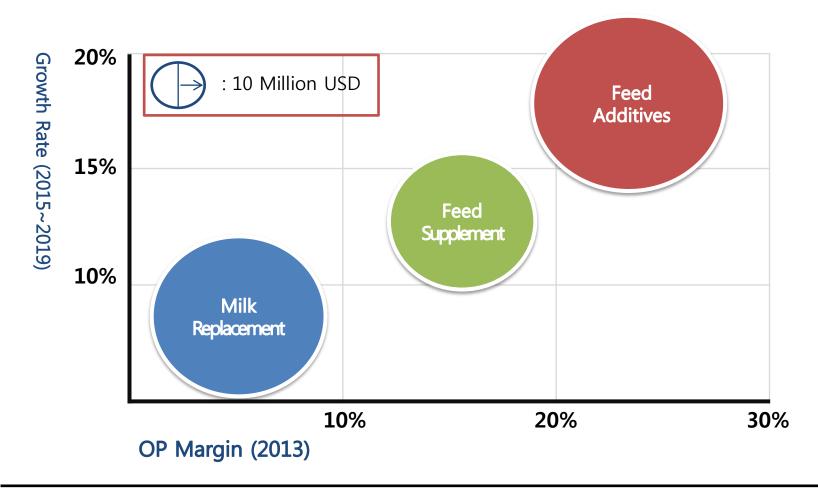
The continuous business shifts from milk replacement to feed additives



Total sales: 114 Million USD Total sales: 125 Million USD

## 4. Business Matrix

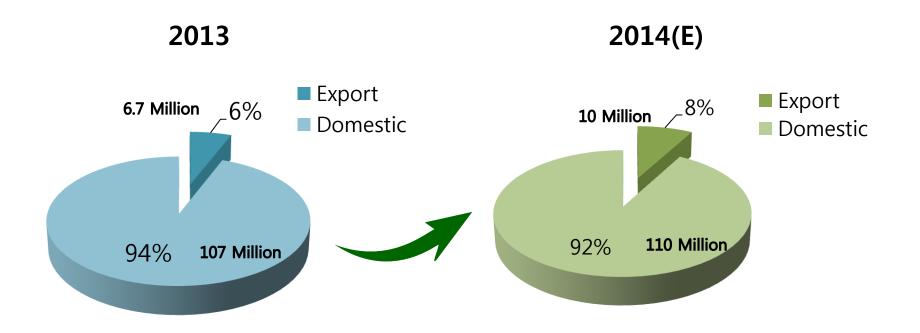
"Feed Additives" as new growth engine and future cash-cow from current "Milk Replacement"





## 5. Domestic & Export Sales

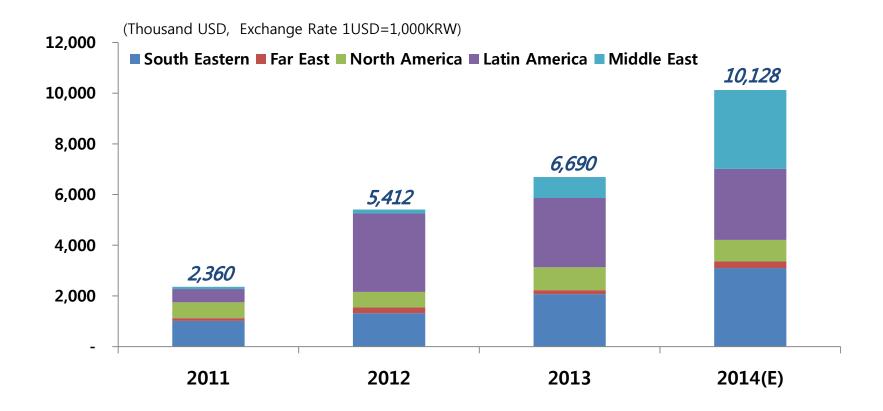
Further global expansion through increasing the export sales



Total sales: 114 Million USD Total sales: 125 Million USD

# 6. Export Sales by Region

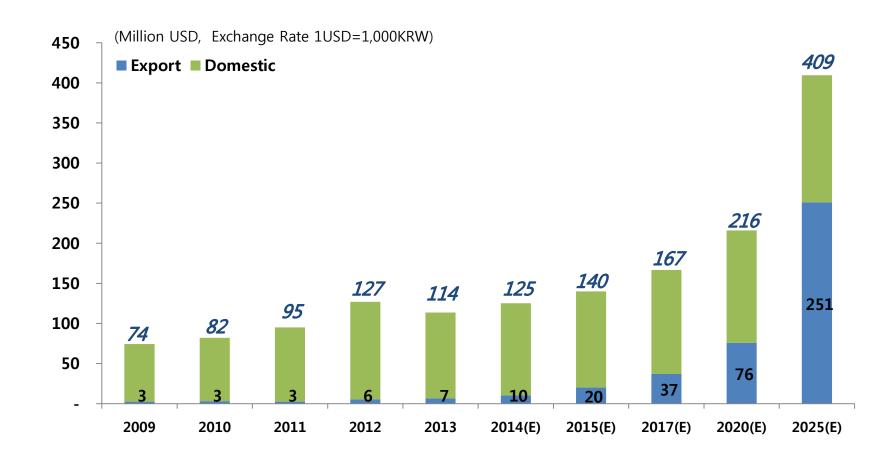
The Continuous diversification of partner distributors and sales countries





# 7. Sales Outlook(1)

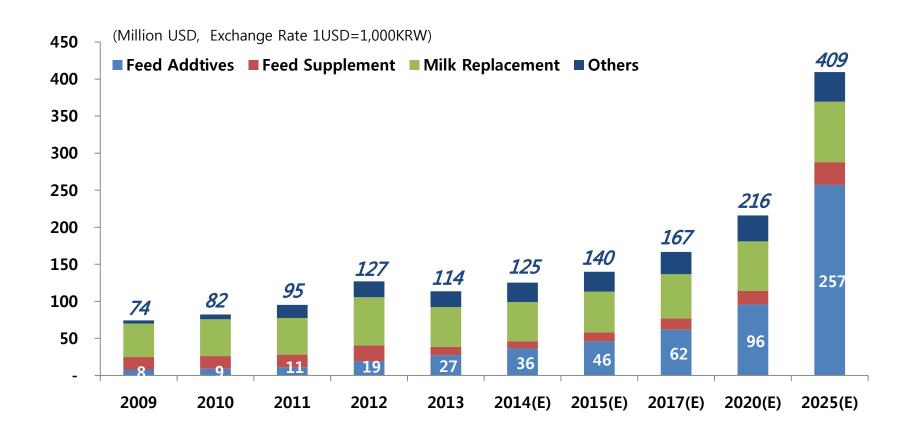
Annual sales expected to reach USD 409 million by 2025; with dramatic growth of overseas sales representing 27% annual growth





## 8. Sales Outlook(2)

Annual sales expected to reach USD 409million by 2025; with dramatic growth of feed additives sales representing 20% annual growth





## 9. Market Trend of Global Feed Additives

Market trend change From "Animal Performance" to "Food safety and Sustainability"

Past Present Future

" Leading by capital-intensive and mechanism industries such as Antibiotics growth promoter, Amino acids, Vitamins, and Minerals "

" Leading by technologyintensive industries such as **Enzymes, Absorption promoters, Probiotics and Immnune modulators** "

Growing concern about "Food safety through no medicine" and "Security of industrial sustainability through energy cost saving"



#### 10. Product Portfolio

Product family to meet the market trend of cost savings and food safety



## **The Digestion Accelerator**

The optimal Multi-Enzymes producing by non-GMO microorganisms and solid state fermentation for cornsoybean meal based diet



#### **The Absorption Accelerator**

The improvement of cell membrane penetrability and the activation of protein channel for the nutrient absorption



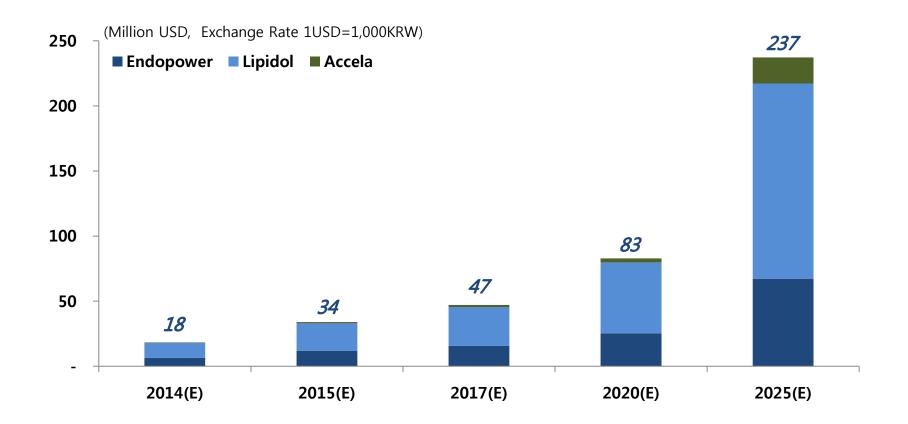
#### The Metabolism Accelerator

- The promotion of absorbed nutrients utilization as a precursor of heme protein
- Antibiotics alternatives of new concepts



# 11. Sales Outlook of Key Products

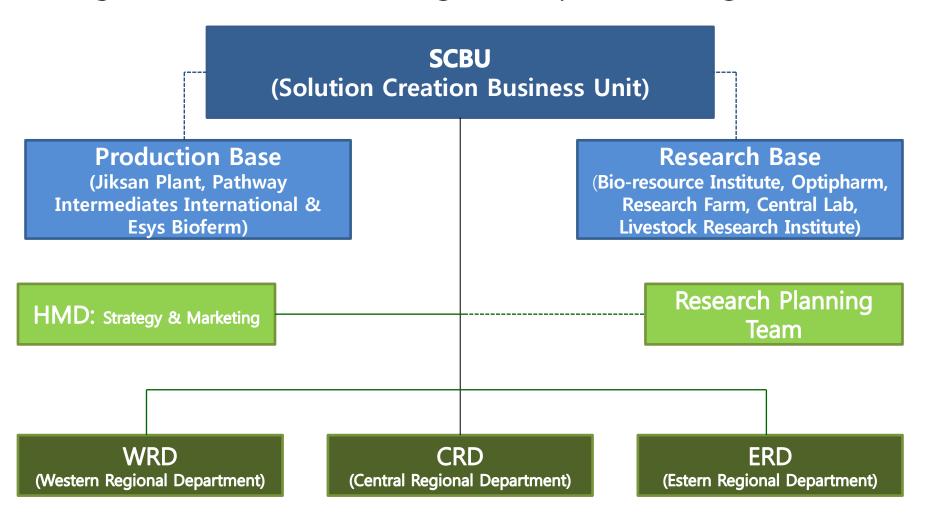
The quantum jump by "Right market & Right products"





# 12. Sales Organization

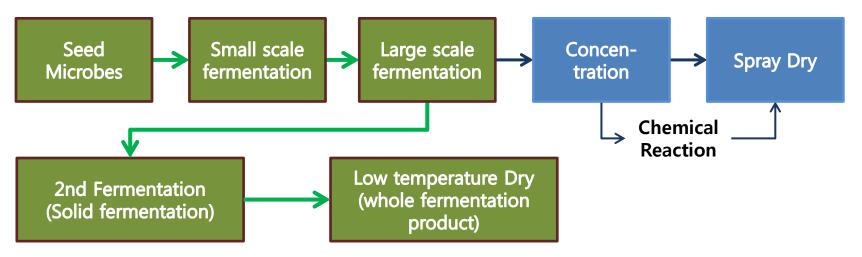
Organizational evolution for strength of competitiveness in global market





## 13. Technical Competitiveness

Product families to meet the market trend of cost savings and food safety



- Prevention of water pollution (Eco-friendly fermentation)
- Product with whole fermentation media and metabolites (vitamins, organic acids, UGF etc.)
- Naturally selected non-GMO microbial fermentation
  - Various functional materials with side-effects as well as target materials
  - Biological asset and technical barrier against competitors



#### 14. Phased Growth

# Realization of the one of the leading companies in feed additives area by M&A and organic growth

Operation of overseas business with ~30 distributors and three subsidiaries in Canana, Russia and Philippines

# Middle-term (2018~2021)

Total 232 Mln. USD (Overseas 97 Mln. USD)

#### Feed additives company M&A in Europe

- Production plant establishment in India
- Ten branch or liaison office establishment including Africa

Long-term (2022~2025)

Total 409 Mln. USD (Overseas 251 Mln. USD)

- Overseas company M&A in enzyme, fermentation, coating business area
- Ten branch or liaison office establishment

# Short-term (2015~2017)

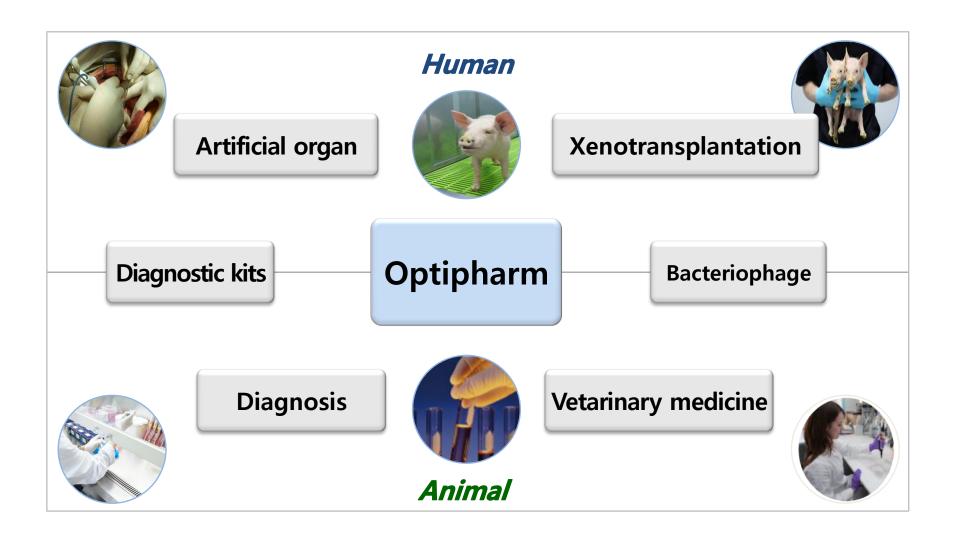
Total 153 Mln. USD (Overseas 37 Mln. USD)

- Two JV establishment in China & Latin America
- M&A of premix plant in South-eastern Asia
- Ten branch or liaison office establishment



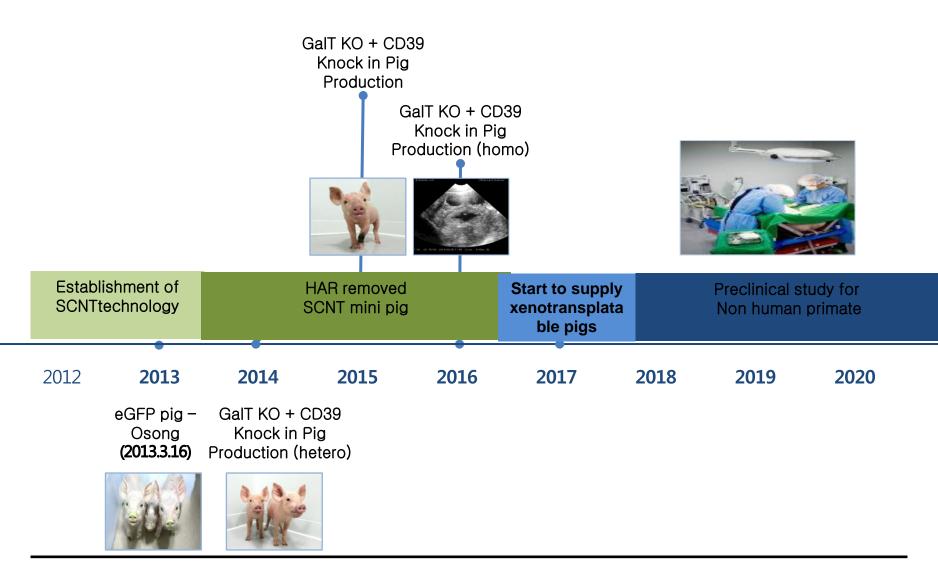


# 1. Business scope





# 2. Xenotransplantation Plan

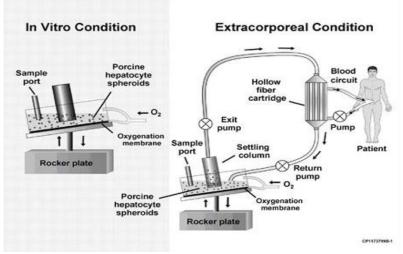




# 3. Bio-artificial liver Project







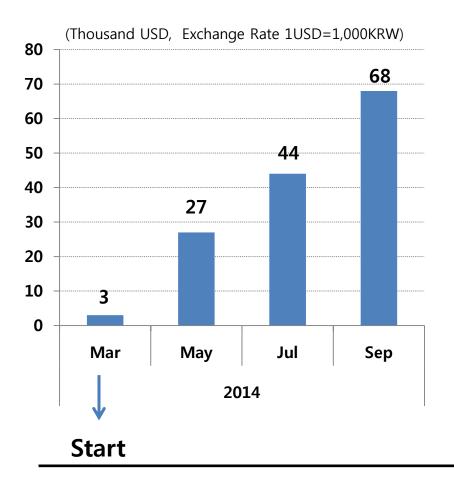
Life-liver/Samsung medical center
2013.03.26 clinical test succeess (1/6 case)
2013.03.20 clinical test succeess (2/6 case)

2014.10.11 clinical test succeess (3/6 case)

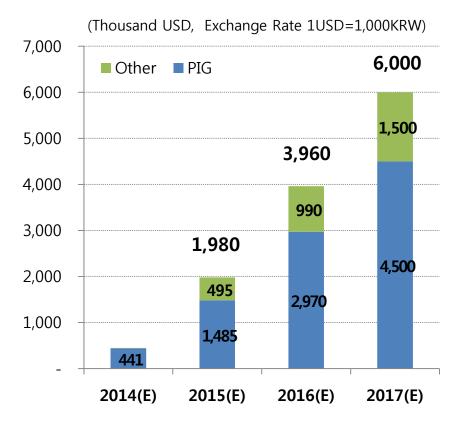


# 4. Opti-care(Bacteriophage)

## **Monthly Sales**



#### Sales outlook





# 5. Past, Present, Future of Optipharm

#### **Future**

#### Present

#### **Past**

2006 Establishment

2008 Merge with Medi-pig Korea

2009 Leader or Diagnosis of animal SPF Mini-pig

2010 Artificial organ project start (Samsung medical center)

2013 Transformed pigs production

2014 Merge with M&D

(Human diagnosis kit)

Diagnostic kits for animal Bacteriophage

2014 Sales 10Million USD Surplus 2015 Bacteriophage expansion

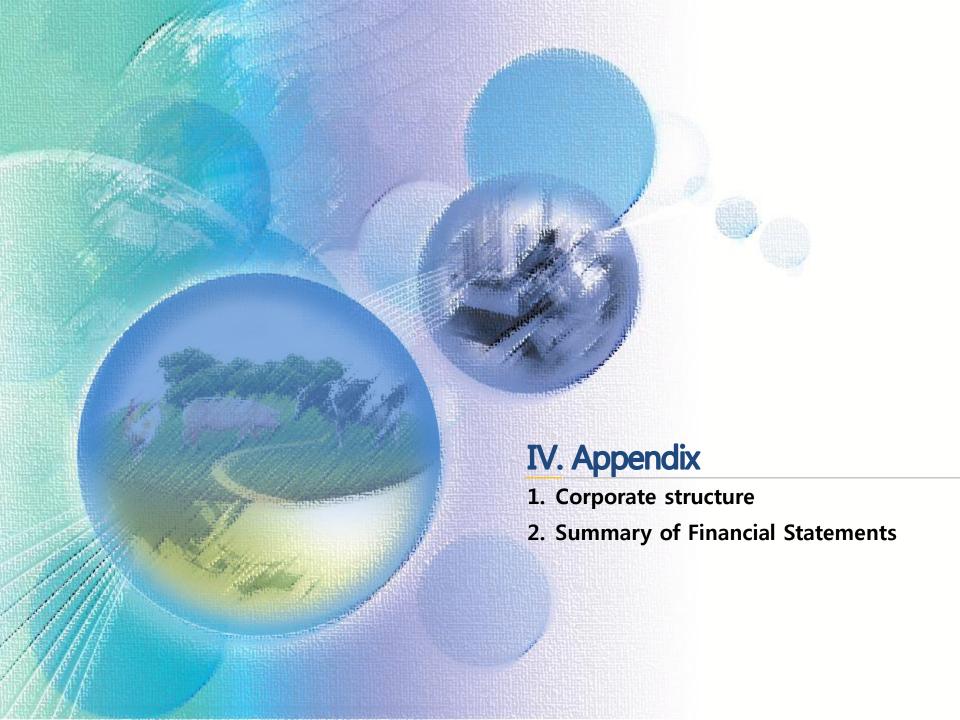
2015 Artificial organ Project comercialization

2016 Diagnostic kits for Human

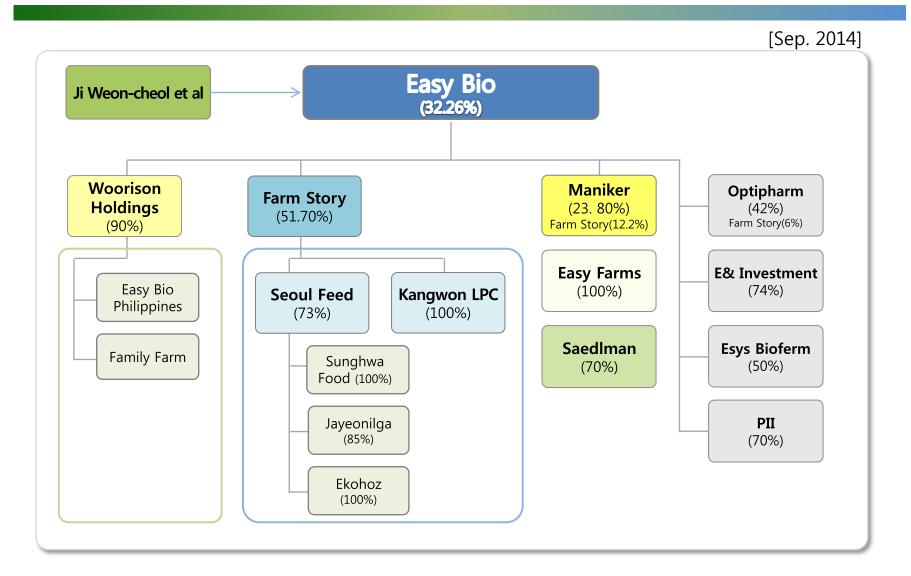
2020 Xenotransplantation

(\*) Xenotransplantation : Successful engraftment of organs from animals into humans





# 1. Corporate Structure





# 2. Summary of Financial Statements(Consolidated)

(Million USD, Exchange Rate 1 USD = 1,000 KRW)

	Group				
Financial Statemetns	2011	2012	2013	2014.1H	
INCOME STATEMENTS					
Sales	1,070	1,545	1,504	725	
Gross profit	155	190	201	135	
Operating profit	47	27	39	51	
EBITDA	73	52	68	67	
BALANCE SHEET					
Total assets	1,082	1,473	1,474	1,541	
Total liabilities	824	1,131	1,113	1,148	
Total equity	258	342	361	393	

