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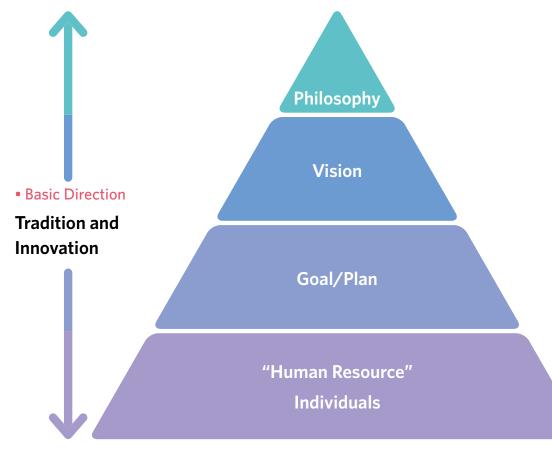
New Medium-Term Management Plan (Fiscal 2016-Fiscal 2021)

Creating New Value Through Innovations in Kampo

May 13, 2016



Philosophy-Based Management



TSUMURA-DNA PYRAMID

• Corporate Philosophy: Basic value/beliefs

The Best of Nature and Science

• Corporate Mission: Aim to continue to be a necessary company for Society

To contribute to the unparalleled medical therapeutic power of the combination of Kampo medicine and Western medicine

• Vision for 2021: Long-term business vision

The "Kampo" Company The "People" Company The "Global Niche" Company

• New medium-term management plan

Creating new value through innovations in Kampo

Organizational foundation

Organization comprising people that share Tsumura's beliefs and mission, follow the same direction as the Company's vision, and strive for self-fulfillment

Long-Term Business Vision "Vision for 2021"

Aim to be a value-creation company that contributes to people's health through its Kampo business



environment where all patients can receive treatment that includes "Kampo" medicine where appropriate in any healthcare institution or medical specialty in Japan.

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The "People"

Company

"Kampo" medicine is a pioneering field with no previous examples to build on worldwide. Therefore, we shall evolve into a corporate group comprised of "people" with professional skills that can independently pave the way forward for our Kampo business and is trusted by all.

The "Global Niche"

Company

Leveraging the technology and know-how of the Tsumura Group to their full extent, we will take on the challenge of developing and launching TU-100 (Daikenchuto) in the U.S. pharmaceutical market as well as creating new businesses in China.

Fiscal 2012–Fiscal 2015

Overview of the Previous Medium-Term Management Plan



Fiscal 2012-Fiscal 2015 Overview of the Previous Medium-Term Management Plan

Outline and Quantitative Reflection

1. Expanding the Kampo Medicine Market

Expand the prescription Kampo product market in Japan

2. Enhancing Earning Power

Reform the Company's cost structure through the introduction of new technology and other measures

3. Executing Effective Financial and Capital Policies

Increase corporate value by executing effective financial and capital policies

Consolidated: ¥ billion	Fiscal 2015 target	FY 2012 results	FY 2013 results	FY 2014 results	Fiscal 2015 results	Compared to initial plan
Net sales	123.0	105.6	110.0	110.4	112.6	-10.4
Operating profit	29.5	23.1	22.4	19.4	19.8	-9.7
Operating profit margin (%)	24.0	21.9	20.4	17.6	17.6	-6.4
Net income	19.0	15.3	18.0	14.0	12.5	-6.5
EPS (Yen)	269	217	255	199	178	-91
ROE (%)	14.0	14.1	14.5	10.1	8.3	-5.7
Sales of 129 Kampo formulations	118.0	99.4	102.6	105.1	107.5	-10.5
Of which, five "drug fostering program" formulations	38.6	26.2	28.0	28.5	29.1	-9.5



Fiscal 2012-Fiscal 2015 Overview of the Previous Medium-Term Management Plan Reasons for Failing to Reach Planned Targets

Slowdown in growth of "drug fostering program" formulations

Insufficient emphasis and concentration on promotion of medical specialists in the "drug fostering program" domain Ineffective utilization of new scientific evidence (turning evidence into marketable materials, etc.)

2

Worsening costs due to the reoccurring rise in crude drug prices

Rise in cost of raw materials for crude drugs from 2013 and on brought about by higher prices for ginseng and other materials starting from 2011
Worsening costs



Worsening costs due to foreign exchange of depreciating yen

Rise in procurement costs for raw material crude drugs in China due to the rapid weakening of the yen from 2013 and on
Worsening costs



Fiscal 2012-Fiscal 2015 Overview of the Previous Medium-Term Management Plan Changes in the Operating Environment

Reoccurring rise in price for certain raw material crude drugs Volatile foreign exchange rate and rapid depreciation of the yen

Impact on cost of sales ratio (disparity from plan)

Fiscal 2015 Initial plan

34.7% → Res

	Λ	
Results	- 4	

0.0% +**5.3** pts

Factor	Effect
Crude drug price (rising unit cost)	+3.5 pts
Crude drug price (foreign exchange rate)	+1.6 pts
Other (increasing production efficiency, reducing production volumes, etc.)	+0.2 pts
Total	+5.3 pts



Fiscal 2012-Fiscal 2015 Overview of the Previous Medium-Term Management Plan

Quantitative Results and Issues in Three Strategic Challenges

Strategy	Expanding the Kampo Medicine Market	Enhancing Earning Power	Executing Effective Financial and Capital Policies
Results	 Actively implemented Kampo medicine seminars, lectures, and briefings Promoted clinical research through double-blind, placebo-controlled studies at multiple institutions as well as basic research, produced high-quality scientific evidence Created scientific quality evaluation method for TU-100 (Daikenchuto) 	 > Established new manufacturing system that uses less manpower and is more efficient > Expanded Cultivated Land under Own Management area > Controlled sales, general and administrative expenses by increasing business efficiency 	 > Revised non-operating assets > Carried out a stable dividend > Strategically stockpiled raw material crude drugs
Remaining issues	 Utilization of evidence in the "drug fostering program" formulations, especially TJ-43 (Rikkunshito) Implementation of Phase II clinical tests for TU-100 	 Marketing efficiency improvements Cultivating crude drugs Technological development and actual production for raw mate- rial crude drugs 	 Yet to achieve ROE of 14% Inventory control for raw material crude drugs

Fiscal 2016–Fiscal 2021

Outline of New Medium-Term Management Plan

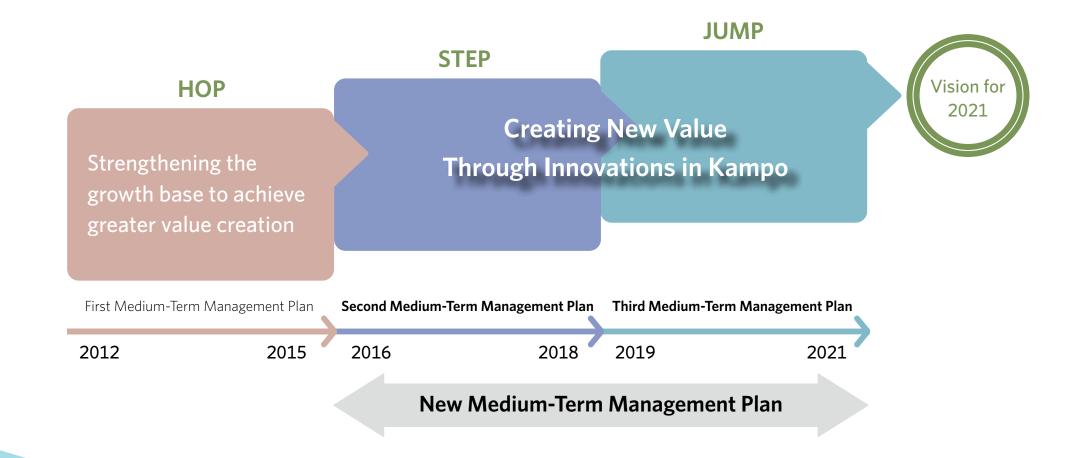


Issues and Opportunities Tsumura Faces within the New Plan

Issues	Impact of fluctuating foreign exchange rates and rising crude drug prices on profits, drug price revisions					
Opportunities	for cancer, promotio	y, longer healthy life expectancies, countermeasures for dementia, countermeasures n of the active role of females in the workplace se structure (diseases of the elderly, diseases specific to women)				
Measures by the I	Vinistry of Health, Lab	our and Welfare				
> Kenko Nippon 21 (second stage)		Healthy life expectancies, prevention of outbreak and worsening of lifestyle disease				
> New Orange Plan		Promotion of measures to care for dementia				
> Comprehensive Regional Care System		Promotion of general physicians and home healthcare				
 Comprehensive Strategy to Strengthen the Pharmaceutical Industry Strategy states that there is a need for the stable provision of high-quality products in regard to the essential and traditional pharmaceuticals that support medical treatment, such as vaccines, intravenous pharmaceuticals, <u>Kampo products</u>, and external-use pharmaceuticals. 						
 Plan to Accelerate Countermeasures for Cancer Strategy states the importance of promoting research related to supportive care that uses nutritional therapy, rehabilitation, and Kampo medicine from the perspective of reducing postoperative complications and prognostic symptoms 						

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Themes of the New Medium-Term Management Plan and Roadmap to Realizing Long-Term Vision



Numerical Targets

	FY2018	FY2021
Net sales	¥120 billion	¥135 billion
Operating profit	¥14 billion	¥19 billion
Operating profit margin	11.5%	14%
Net income	¥10 billion	¥13 billion
EPS	¥140	¥185
ROE	6%	8%

Drug price revisions: Fiscal 2016, 2017, 2018 and 2020 Foreign exchange rates: ¥115 = 1 US\$

Preconditions

> Aim for stable growth in the Kampo business despite expectations of the adverse impact of drug price revisions

- > While the influence from soaring raw material crude drug prices will continue, aim for recovery in regard to profits after levels bottom out in fiscal 2018 and growth at a gradual speed thereafter
- > Numerical targets for fiscal 2021 are slated to be announced again at the start of the third stage of the medium-term management plan (fiscal 2019) based on changes in the operating environment

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Strength to Turn Adverse Operating Conditions into Growth



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Strategic Challenges 1-3

Expansion and stable growth in the Kampo market

2 Continued reinforcement of profitability and maximization of cash flow

3

Taking on the challenge of new businesses in China



Strategic Challenge 1: Expansion and Stable Growth in the Kampo Market



Basic Strategy to Expand the Kampo Market

Appropriate provision of information such as scientific evidence, guidelines, and proper use of different formulations based on the Kampo medicine style (Basic activities: interviews, briefings, and Kampo seminars)



HP market (university hospitals, designated hospitals for clinical training, etc.)

Promotion activities centered on scientific evidence Focus on medical specialists in important domains
Develop demand for new formulations

GP market (general practitioners, clinics, etc.)

Promotion activities based on the Kampo medicine style Enhance the Kampo proficiency level of GPs, primarily with existing clients ➡ Increase quantity of formulations, have GPs prescribe multiple formulations

Three Important Domains

- **1.** Geriatric health
- 2. Cancer domain (supportive care)
- 3. Women's health

Fiscal 2016-Fiscal 2021 Outline of New Medium-Term Management Plan < Strategic Challenge 1: Expansion and Stable Growth in the Kampo Market Expansion of "Drug Fostering Program" Formulations and "Growing" Formulations



Prioritize unmet medical needs

BPSD, frailty, supportive care for cancer (postoperative dysfunction, loss of appetite, stomatitis), menopausal disorders, etc

Aim to have three formulations, TU-100 (Daikenchuto), TJ-54 (Yokukansan), and TJ-43 (Rikkunshito), with over ¥10.0 billion in sales by fiscal 2021

- *1 Looking at the recent structure of disease, the Company has selected certain diseases in fields where medical treatment needs are high that are difficult to treat with Western drugs and that Kampo products have demonstrated special efficacy for. The Company will establish a base of scientific evidence related to treating these diseases with Kampo medicine.
- *2 A growth driver that aims to be listed in medical treatment guidelines as a strategic formulation following the five "drug fostering" program formulations through the establishment of scientific evidence (data on safety, efficacy, etc.) in fields where satisfaction toward treatment and the contribution of medicine are low.

 Fiscal 2016-Fiscal 2021
 Outline of New Medium-Term Management Plan < Strategic Challenge 1: Expansion and Stable Growth in the Kampo Market</th>

 Enhancement of Evidence Collection

Establish evidence of safety and efficacy \Rightarrow Enhance package inserts

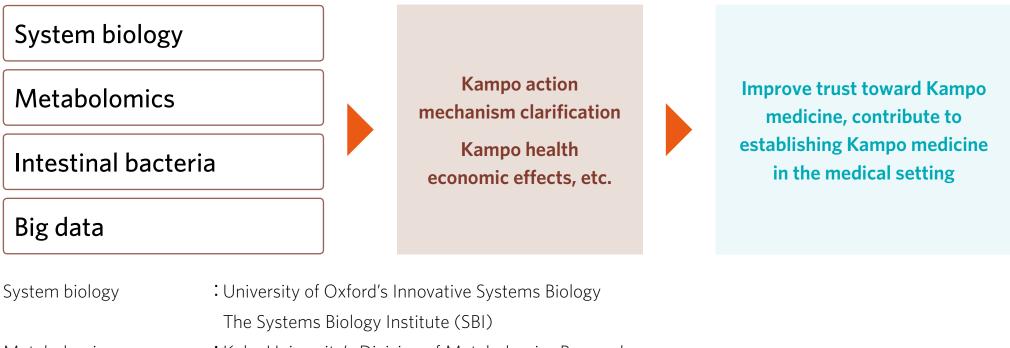
Further develop "Drug fostering program" formulations followed by "Growing" formulations **>** Publish medical treatment guidelines

Collect clinical EBM, action mechanisms, side effect frequency surveys, ADME, and health economic data

	Meta- analysis	RCT	Action mechanisms	Side effect frequency surveys	ADME	Publish guidelines (include recommendations for Kampo medicine)
TJ-100 (Daikenchuto)	Paper submitted	23	O	O	O	Pediatric chronic functional constipation disease, systemic sclerosis
TJ-54 (Yokukansan)	1	12	O	O	O	Dementia disease
TJ-43 (Rikkunshito)		16	O	Ongoing	O	Functional gastrointestinal disease, the diagnosis and treatment of psychosomatic diseases, GERD
TJ-107 (Goshajinkigan)		14			0	Benign prostatic hyperplasia, overactive bladder syndrome
TJ-14 (Hangeshashinto)		5	0	_		

New Approach for Establishing Evidence

Leverage new technologies (IT, new analysis methods, network analysis, etc.) to accelerate research on Kampo medicine and Kampo formulations



- Metabolomics Intestinal bacteria Big data
- : Kobe University's Division of Metabolomics Research
- : University of Chicago's Digestive Diseases Center
- : University of Tokyo's Health Services Research Course

Supporting Education Related to Kampo Medicine for Doctors and Providing Information to Consumers

Supporting Kampo medicine education before, immediately after, and post-graduation

Before graduation Immediately after graduation		Post-graduation
Improvement, establishment, and evo	Kampo Medicine Seminars	
At university medical departments, medical colleges	Designated hospitals for clinical training, and other medical institutions	
Medical students	Physicians-in-training	Clinical physicians
 Lectures (introductions to Kampo) Clinical training (hospital wards, outpatient care) Workshop on professor/lecturer training at schools Study groups at schools (school club, etc.) 	 Kampo studies geared toward physicians- in-training 	Introductory training Follow-up Advanced training Instructor training
Changes in the external environment for medical edu Significant revisions to the medical education curriculu in Japan inspired by the World Federation for Medical Education's global standards		Clinical teaching on Kampo medicine being implemented at all medical faculties and schools in Japan
Transmission of information to	consumers	

Activities targeting cancer patients

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Activities geared toward the elderly

Activities geared toward females

Development of TU-100 (Daikenchuto) in the U.S.

		Previous medium-term management			plan	New medium-term management plan					
		FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018 and after			
Qu	uality control		etings with FDA using biological a				n quality control h database for c	systems rude drug quality			
	IBS			o be completed in fiscal 2016				Plan to decide on direction and schedule			
Efficacy and safety	POI			colectomy)	arch clinical trials o be completed		aparoscopic PII (early stage)	for the late stage of PII and on in fiscal 2018 after finishing and analyzing all of the early			
	Crohn's disease	Responder t (patients wi Fiscal 2011-	th Crohn's diseas	SE) PII (early stage)				stage of PII for IBS/POI and Crohn's disease			
	Safety, etc.	Side effects ^{*1}	ADME*2								

*1 Submit results of surveys on the frequency of side effect manifestation to the FDA

*2 Submit clinical pharmacokinetic results on healthy U.S. citizens to the FDA

IBS: Irritable bowel syndrome, POI: Postoperative Ileus

Strategic Challenge 2:

Continued Reinforcement of Profitability and Maximization of Cash Flow



Fiscal 2016–Fiscal 2021 Outline of New Medium-Term Management Plan < Strategic Challenge 2: Continued Reinforcement of Profitability and Maximization of Cash Flow

Improvement of Profits Seen in Supply Chain / Overview of Cash Flow Maximization

	Procurement	Production	Sale
Issues	 Soaring crude drug prices Impact of fluctuating foreign exchange rates Rising inventory, worsening turnover rate 	Continuous measures to reduce cost in order to respond to soaring crude drug prices, the impact of the weakening yen, and increases in depreciation expenses	> Impact of drug price revisions
Countermeasures	 Expansion of Cultivated Land under Own Management area Reinforcement and streamlining of purchasing structure based on the principle of competition Crude drug inventory control 	 Improve production capacity at existing facilities Continually introduce and expand new production technologies Revise capital investment projects and timing 	 Narrow down important domains and formulations Improve accuracy of demand and sales estimations
ŭ	Op	otimization of the Group's supply chain	
Management indicators	Crude drug prices Inven	tory turnover rate Labor productivity	Sales, general and administrative expenses ratio



Fiscal 2016-Fiscal 2021 Outline of New Medium-Term Management Plan < Strategic Challenge 2: Continued Reinforcement of Profitability and Maximization of Cash Flow Innovations in Crude Drug Procurement that Realize Stable Prices and Enhanced Quality Assurance



Aim for a Cultivated Land under Own Management-Produced volume ratio of 50% in fiscal 2021

Reinforce and streamline purchasing structure based on the principle of competition Pursue crude drug quality and further enhancement of systems to ensure safety

Fiscal 2016-Fiscal 2021 Outline of New Medium-Term Management Plan < Strategic Challenge 2: Continued Reinforcement of Profitability and Maximization of Cash Flow

Innovations in Manufacturing Systems that Realize Improved Production Capacity

Establishment of foundation where the effects of cost reductions can be anticipated through the introduction of automated equipment that uses less manpower in the previous medium-term management plan

Expanded introduction of new production technologies

Improvement of basic production capabilities at existing facilities Optimization of operating systems for production (revise number of operating days, non-operating times, etc.) Reduction of difficulties and waste

Continuous introduction and expansion of new production technologies Development of new granulation systems and high-speed filling machines Gradual introduction to new manufacturing buildings

• Support for PIC/S GMP • Further improvement of granule and product quality • Promotion of automatization and reduced manpower

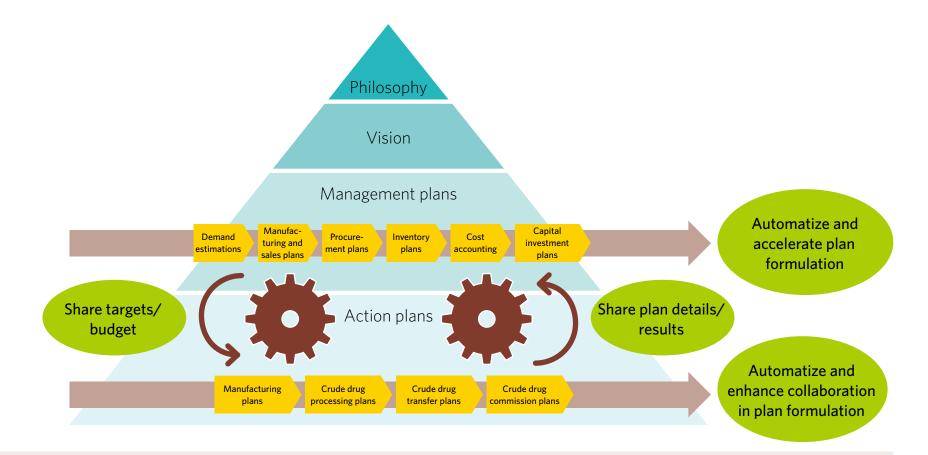
Effect of improved labor productivity (throughout all processes) Aim for 30% increase in fiscal 2021 compared to fiscal 2015

> Capital investment

Scheduled average amount for fiscal 2016-fiscal 2018: ¥10 billion a year Scheduled average amount for fiscal 2019-fiscal 2021: ¥8 billion a year

Fiscal 2016-Fiscal 2021 Outline of New Medium-Term Management Plan < Strategic Challenge 2: Continued Reinforcement of Profitability and Maximization of Cash Flow

Innovations in SCM that Realize Optimization of Groupwide Supply Chain



> Accelerate plan formation, work to shorten rolling periods, promptly anticipate future risks

> Optimize the entire supply chain by bolstering cooperation between both "management and factory floor" and "divisions and bases"

Fiscal 2016-Fiscal 2021 Outline of New Medium-Term Management Plan < Strategic Challenge 2: Continued Reinforcement of Profitability and Maximization of Cash Flow Effective Allocation of Resources

Allocate resources in a way that reflects the intention of management from a medium- to long-term perspective

Research and development expenses

Total amount for fiscal 2016-fiscal 2021 (six-year period): ¥45.0 billion

Basic/clinical research in Japan, development in the U.S., research on crude drug cultivation, etc.

Concentrated investment in the necessary projects for future growth

Enhanced cost efficiency

Continued promotion of optimizing primarily fixed costs, which occurred in the first medium-term management plan

Aim for a sales, general and administrative expense ratio of less than 40% in fiscal 2021



Strategic Challenge 3: Taking on the Challenge of New Businesses in China



Fiscal 2016-Fiscal 2021 Outline of New Medium-Term Management Plan < Strategic Challenge 3: Taking on the Challenge of New Businesses in China

Taking on the Challenge of New Businesses in China

Entering the business for traditional Chinese medicinecompound granules (single crude drug extract granules)

- > Establish a joint venture with Shanghai Traditional Chinese Medicine Co., Ltd., a subsidiary of Shanghai Pharmaceuticals Holding Co., Ltd.
- Build a procurement structure for raw material crude drugs centered on SHENZEN TSUMURA MEDICINE CO., LTD. and China Medico Corporation

Entering a business collaboration agreement withChina Medico Co., Ltd.

- > Strengthen the Company's supply and procurement relationship for raw material crude drugs used in Kampo preparation
- > Strengthen the Company's technical support to China Medico Corporation
- Conduct joint research on ginseng and other key crude drugs, manage production sites for such crude drugs, and establish a stable, long-term supply structure
- Engage in joint development of a Chinese crude drug pieces business (Jointly implementing businesses with SHENZEN TSUMURA MEDICINE, a 100% subsidiary of the Company)
- > Continually explore strategy for new joint businesses
- Bolster relationship with China Medico Corporation by dispatching directors from Tsumura to the China Medico Group (scheduled to begin during fiscal 2016)

Entering into the crude drug pieces business

- Engage in sale of crude drug pieces to external customers in China through SHENZEN TSUMURA MEDICINE, a 100% subsidiary of the Company
- Cooperate with China Medico Corporation in the mutual supply and processing of raw material crude drugs



Planning the establishment of a holding company in China

Control and management of supply chain, human resources, and capital in China spanning from existing businesses to new businesses, such as production of traditional Chinese medicine compound granules and export of crude drugs and extracts to Japan

Contributing to China, where the Company procures crude drugs, and the health of Chinese people
 Taking on the challenge of entering the Chinese market

The Tsumura Group's Point of View on ESG

Tsumura Group's Distinctive Initiatives Related to ESG

Tsumura Group contributes to building sustainable society through its mainstay "Kampo and crude drug" business

Environment	 Initiatives for protecting crude drug raw materials and the natural environment Continuous research on the cultivation of wild-grown crude drugs Initiatives toward the environment in order to realize a recycling-oriented society Maintain zero emissions (100% recycling rate of industrial waste) Establish and implement environmental targets that are based on the Tsumura Environmental Policy and Tsumura Environmental Principle
Society	 Contribute to the revitalization of the primary industry through crude drug cultivation (utilization of unused agricultural land and expansion of Cultivated Land under Own Management area, etc.) Contribute to medical care in such social issue domains as geriatric health, cancer treatment (supportive care, palliative care), and women's health Promote diversity among Group directors and employees and create opportunities for the employment of persons with disabilities
Governance	 Establish and operate a highly effective corporate governance system Give consideration to the establishment of a nomination/compensation advisory committee Director remuneration Performance-linked stock compensation Dialogue with shareholders and other investors Promote a policy to continuously and proactively engage in dialogue with shareholders and other investors (including dialogue with outside directors) through the Company's IR activities in order to establish long-term, trust-based relationships with them

Capital and Financial Measures

Guided by the stable business strategy of the Tsumura Group, the Company secures a solid financial structure while actively conducting business investments that contribute to the improvement of corporate value over the medium to long term

Cash flows	Fiscal 2016-fiscal 2021 (six-year period) • Capital investments: ¥55.0 billion _ • Investments and loans (new company related to China): ¥6.0 billion _ • Shareholder returns (dividends): ¥27.0 billion _ • Expecting ¥96.0 billion in cash flows from operating activities			
Major capital investments	Fiscal 2016-fiscal 2021 (six-year period)• Ibaraki PlantStandard-based facility (first term, second term):Approx. ¥17.0 billion• Shizuoka PlantNew granulation and packaging facilities, etc.:Approx. ¥4.2 billion• Facilities related to cultivation:Approx. ¥4.0 billion			
Shareholder returns	 Promote a policy to improve corporate value through capital investments in order to realize the continuous development and growth of "Kampo" Promote a policy to consider medium- to long-term profit levels and cash flows as well as carry out a stable dividend Promote a policy to acquire treasury stock in a flexible manner after making efforts in shareholder returns based on examinations and revisions for an optimal capital structure as well as giving comprehensive consideration to market trends, etc. 			
Efficiency	 The Tsumura Group evaluates each individual investment giving consideration to risks and profitability that accompany the investment. At the same time, the Group works to maintain and improve investment efficiency Aim for ROE of 8% by fiscal 2021 			

Reference

Crude Drug Prices

Overall procurement price of crude drugs produced in China

Representation of weighted average of actual prices 241 from production region to affiliated company 230 234 217 when 2006 price is set as 100 190 156 **Our Target** 110 117 110 100 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2018 2021 2015 2011 Drop in ginseng prices that (1) Local demand in China increased: 2013 exceeded expectations (2) Unfavorable weather; Price increase of ginseng, etc **1.** Declining trend of purchases for (3) Speculative investment speculative gains cornering market 2. Increase in supply to market

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Cautionary items regarding forecasts

- The materials and information provided in this presentation contain so-called forward-looking statements. Readers should be aware that realization of these statements can be affected by a variety of risks and uncertainties and that actual results could differ significantly.
- Changes in the healthcare insurance systems or regulations set by medical treatment authorities on drug prices or other aspects of healthcare or in interest and foreign exchange rates could impact negatively on the Company's performance or financial position.
- In the unlikely event that sales of the Company's core products were halted or declined substantially due to a defect, unforeseen side effect or some other factor, it would have a major impact on the Company's performance or financial position.