

March 7, 2019

Dept. of Corporate Services BSE Ltd. P J Towers, Dalal Street, Mumbai – 400 001. Listing Department National Stock Exchange of India Ltd. Exchange Plaza, Bandra Kurla Complex Bandra (East) Mumbai 400051.

BSE Scrip Code: 524735

NSE Symbol : HIKAL

Dear Sir,

#### Subject: Submission of Investor Presentation

Pursuant to the provisions of Securities and Exchange Board of India (Listing Obligation and Disclosure Requirements) Regulations, 2015 we are enclosing herewith the Investors Presentation March 2019 for your information.

We request you to kindly take the same on your record.

Thanking you,

Yours faithfully, for **Hikal Ltd.**,

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Mukund Mujumdar AGM - Secretarial

Encl : As above.

#### Hikal Ltd.

Admin. Office: Great Eastern Chambers, 6th Floor, Sector 11, CBD Belapur, Navi Mumbai - 400 614, India. Tel. : +91-22-3097 3100. Fax : +91-22-3097 3281 Regd. Office: 717/718, Maker Chambers - V, 7th Floor, Nariman Point, Mumbai - 400 021, India. Tel. : +91-22-6630 1801 / 2283 4587 Fax : +91-22-2283 3913 www.hikal.com info@hikal.com CIN: L24200MH1988PTC048028

# HĨKAL

March 2019 Presentation

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#### **Company Overview**



Leading Sustainable Technology driven company serving the Crop Protection & Pharmaceutical Industries

- Amongst the few Global Company to offer customized, cost effective and sustainable solutions from R&D to Commercial Manufacturing
  - One of very few global and only Indian Company to provide Active Ingredients for both Pharmaceuticals and Agrochemicals – Hybrid Model
    - Preferred Supplier to Large Global Customers across the **Regulated Markets**

- First Responsible Care custom manufacturing Life Science Company in India
- First Indian Company to be member of **Rx 360**, a global pharmaceutical supply chain consortium for upholding world class quality standards

# Hybrid Business Model



#### **1** Pharmaceuticals

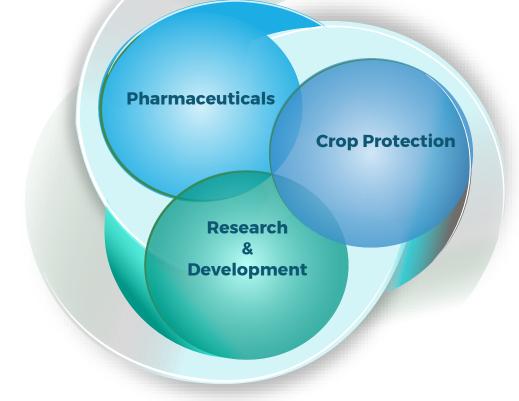
- Contract & Custom
   Manufacturing
- Generics
- Human Health
- Animal Health
- Strong Relationships with Innovators, Mid size Pharma, Biotech & Generic Companies

#### **3 Research & Development**

- Offers Right Combination of Capabilities, Quality combined with significant Cost Arbitrage
- Full development & Scale up Service to Innovator Companies , Generic & Biotech Companies

#### 2 Crop Protection

- Custom Synthesis and Contract Manufacturing of Agrochemicals, Intermediates, Biocides and Specialty Chemicals
  - Preferred Supplier to Top Crop Protection Companies



# **Evolution**



#### **Crop Protection**

Commenced operations with a plant in Mahad.

Second Plant commissioned in Taloja along with Merck, USA





#### **Pharmaceuticals**

Diversified into pharmaceuticals business by acquiring Panoli plant from Novartis (formerly Sandoz) and drug manufacturing plant from Wintac (formerly Recon) in Bangalore

#### R&D

Established R&D center in Pune to focus on R&D and augment pharmaceuticals and crop protection processes



# Timeline



Year	Milestones				
1988	Hikal is incorporated				
1991	First Manufacturing site at Mahad begins operations - Signed a long term supply agreement with Hoescht India				
1995	Signed a long term manufacturing and supply agreement with Merck, U.S., for a large volume Agvet Active Ingredient				
1997	Manufacturing of the Active Ingredient for Merck begins at Taloja site				
2000	Hikal acquire <mark>s manufacturing site from Novartis in Panoli, Gujarat</mark>				
2001	Acquired R&D and Manufacturing site in Bangalore. Hikal enters the Pharmaceutical business				
2002	First Pharmaceutical API patent for non infringing process filed in the U.S.				
2003	First new API plant commissioned at Bangalore. Multi-purpose Pharmaceutical intermediate plant commissioned at Panoli.				
2005	_ Hikal Scientific Advisory Board formed				
2005	Signed long term supply agreement with a multinational Crop Protection company				
2006	Signed Long term supply contract with global innovator company for commercial supply of API's				
2007	Signed long term contract API manufacturing supply agreement with a leading Animal health company				
2008	IFC (World Bank) invests 8.27% equity into the company.				
2009	Acoris (Research & Development Centre) becomes operational				
2009	Signed Long term supply contract for an on patent molecule with a global crop protection innovator company.				
2012	Hikal wins Aditya Birla Award for "Best Responsible Care Company" in India				
2013	Signed a long term supply agreement for human health products with a global biopharmaceutical company				
2014	Pharmaceutical Sites, Panoli & Bangalore received EU GMP Approval				
2015	New Development & Launch Plant in Bangalore successfully commission for new products from the Pharmaceutical Division				
2015	Company successfully commissioned Co generation Plant and Biomass boilers at all sites as part of its sustainability program				
2016	Hikal wins Indian Chemical Council's (ICC) Acharya P. C. Ray award for Development of Indigenous Technology				
2017	Successfully commissioned a new, state-of-the-art plant at Mahad for a leading global crop protection innovator company				

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# **Global Regulatory Compliances**

















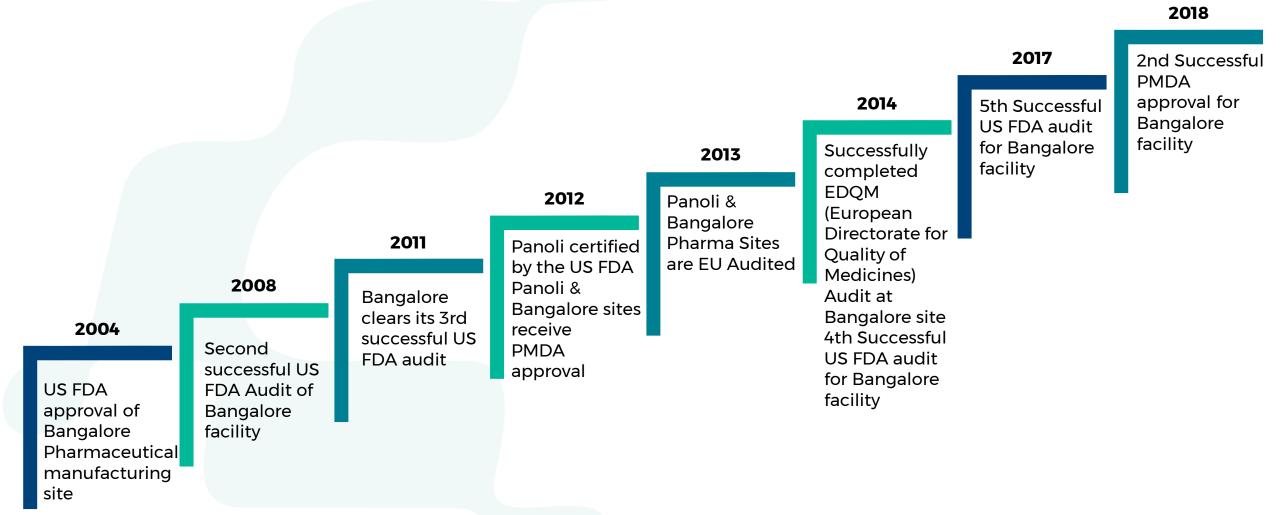






#### **Regulatory Milestones**





#### **Board of Directors**





Jai Hiremath Chairman & MD



Sameer Hiremath Joint MD & CEO



Baba Kalyani



Amit Kalyani



Dr. Wolfgang Welter



Ranjit Shahani



Sugandha Hiremath



Prakash Mehta



Kannan Unni



Shivkumar Kheny

#### Management Team





Strategy &

Business

Development

Dr. Sudhir Nambiar Research &

Technology



Jai Hiremath Chairman & MD



Manoj Mehrotra Pharmaceuticals



Sameer Hiremath Joint MD & CEO



Kumar Inamdar Crop Protection



Sham Wahalekar Finance



Kumaar Priyaranjan HR



# **Scientific Advisory Board**



Dr. Goverdhan Mehta	<ul> <li>He holds a D.Sc. from the University of Marseilles, France; Ph.D. In Organic Chemistry from Pune University - National Chemical Laboratory; and a Ph.D. from Michigan State University and Ohio State University USA</li> <li>He is a National Research Professor, Eli Lilly Chair, School of Chemistry at the University of Hyderabad and a Bhatnagar Fellow</li> <li>Padma Shri in 2000 by the President of India</li> <li>Chevalier de la Légion d'Honneur</li> <li>Fellow of the Royal Society and a member of the Scientific Advisory Committee to the Prime Minister of India</li> </ul>
Prof. K Nagarajan	<ul> <li>He is B.Sc. (Hons) in Chemistry from Loyola College, Madras, and Ph.D. from the University of Madras.</li> <li>He is a postdoctoral Fellow from Wayne State University, California Institute of Technology,</li> <li>Pasadena and Zurich University, Switzerland</li> <li>He has held various positions as Head, Medicinal Chemistry, Ciba Research Center; Director, R&amp;D of</li> <li>Searle India, among others</li> <li>Bhatnagar Prize in Chemistry and Lifetime Research Award from the Chemical</li> <li>Research Society of India. Dr. K. Nagarajan spearheads the scientific efforts at Hikal</li> </ul>
Dr Axel Kleemann	He is a Ph.D. in Chemistry from the Johann Wolfgang Goethe University, Frankfurt am Main, where he is the Honorary Professor of Chemistry Prof. Kleemann is the Chairman of the Board of Directors of Protagen AG and a member of the Board of Directors of several non-listed and listed biotech and fine chemical companies Co-author of the standard reference book, 'Pharmaceutical Substances'

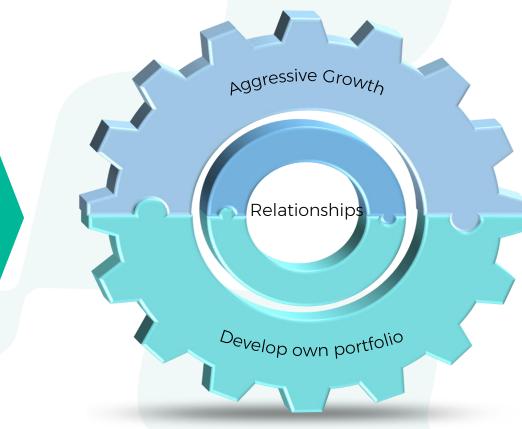
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Vision

Strategy



To be the leading global fine chemical company to the Pharmaceutical, Crop Protection and Speciality Chemical Industries



#### Aggressive Growth

- Aggressive growth in Pharmaceuticals, Animal Health & Crop Protection
- Support NCE & Gx Molecules Serving a large range of Customers

#### Develop Own Portfolio

- Develop own portfolio of products as next wave of Hikal growth
- Life cycle extension

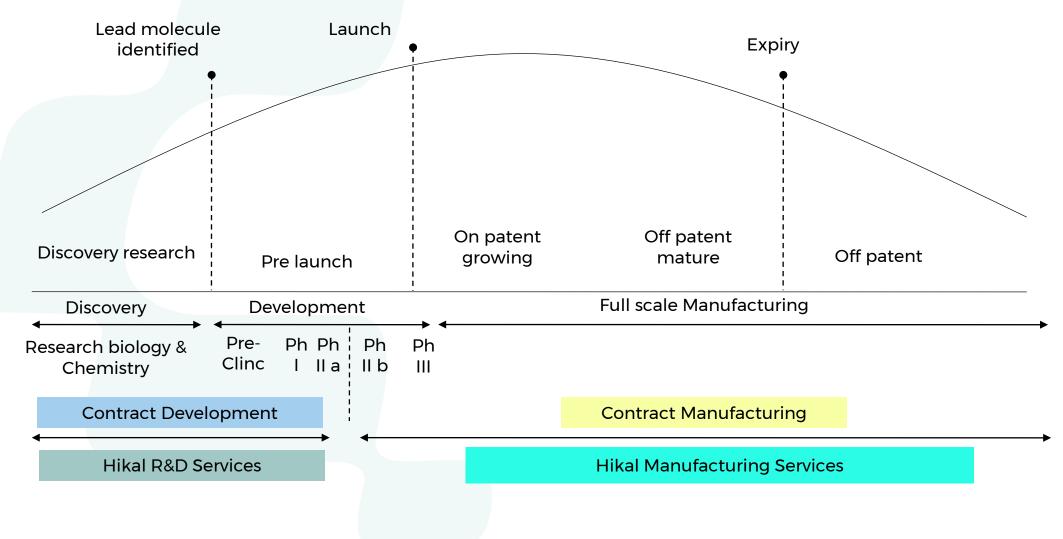
Positive track record with Existing Customers to expand the Relationships and Target New Customers

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# Value Chain



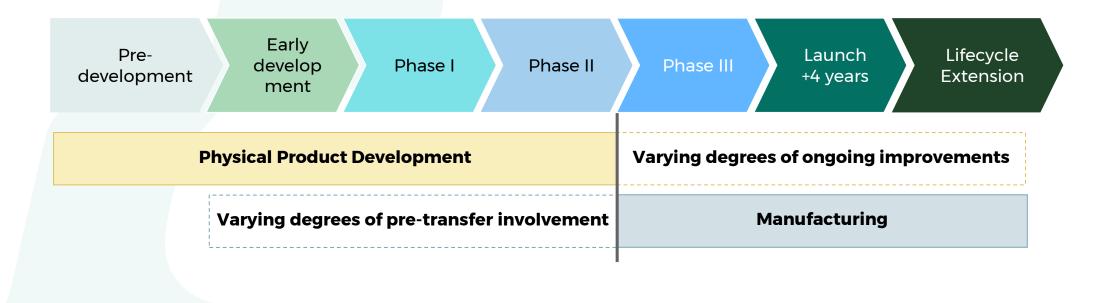
Expertise in Custom Synthesis and Contract Research with capabilities scaling up from Gram to Kilo and Ton level of Production



#### **Contract Development & Manufacturing**



Hikal's Business Model is to provide Services and Support across the Value Chain

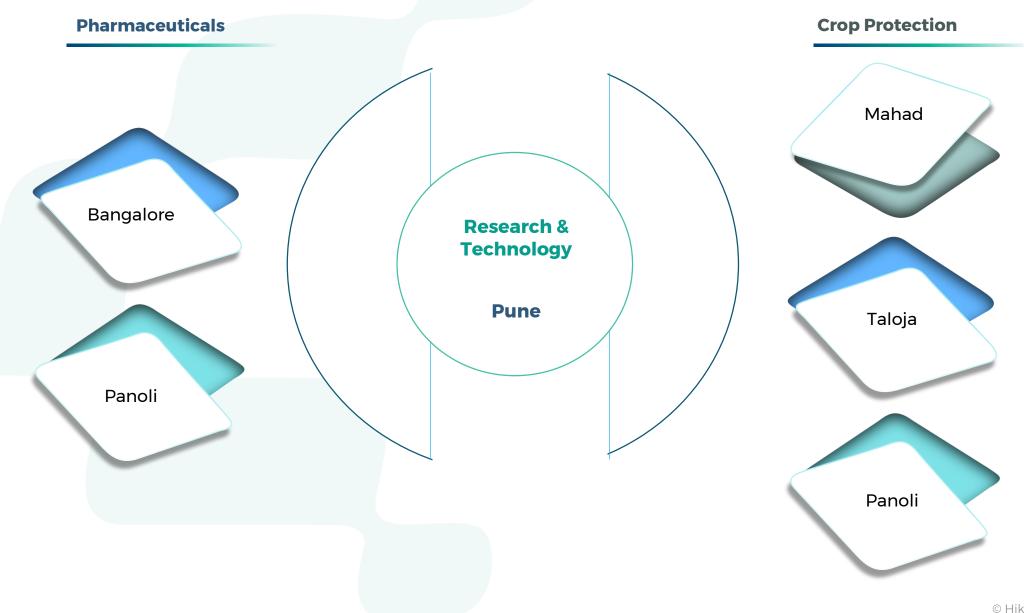


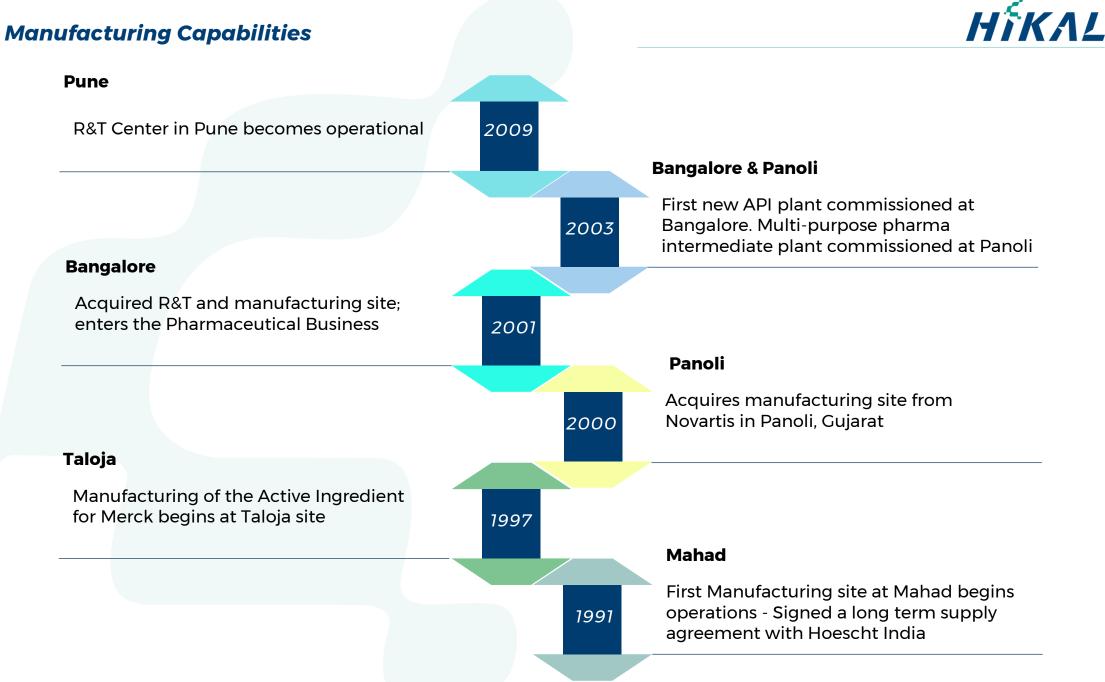
Commercial Manufacturing Kgs - Tons

Process Development & New Product Development

# Hikal - Locations







# **Pharmaceuticals**



#### Overview

- Contract Development & Custom Manufacturing (CDMO) projects in Intermediates and APIs
- World's largest supplier of Gabapentin, API for Neuropathic use
- Developing own Generic Portfolio
- Strong Customer Relationships with Large Global Generic & Innovator Cos.



R&D, Contract, cGMP Kilo Lab -

Pune



USFDA Approved Site - Panoli

#### USFDA Approved Site - Bangalore

# **Pharmaceuticals - Facility Overview**





#### Jigani, Bangalore

- Products : API's & Bulk Drug Intermediates
- Accreditations: USFDA, KFDA, TGA, PMDA (Japan) & ISO 9001, ISO 14001, OHSAS 18001
- Offers scale up capabilities and can provide validation and launch quantities under cGMP conditions
- Audited frequently by Innovator companies from US, Europe and Japan
- Debottlenecking completed at two API blocks
- Commissioned a large bio-mass boiler & a co-generation plant



#### Panoli, Gujarat

- Products: Bulk Drug Intermediates
- Accreditations: US FDA certified, PMDA (Japan)
- ISO 9001, ISO 14001, OHSAS 18001
- Manufactures cGMP Intermediates & Regulatory starting Materials
- Audited & Approved for supply by Innovator Companies
- Expanded capacity for key starting raw materials
- Evaluating further expansion plans which would de-risk our Bangalore site for the manufacture of final APIs

#### **Existing Contracts**



US based Innovator Client

Contract manufacture two large volume molecules, a neuropathic pain reliever and an anticholesterol molecule exclusively for a leading US based innovator Company

• Life-cycle extension and the volumes for both these molecules increased this year and the trend is set to continue for the coming year as well

European Innovator Client

Long-term contract manufacturing agreement with a European innovator client to exclusively manufacture molecules commercially gaining momentum

• One of these molecules being an anti-epilepsy drug that is widely used to control seizures and other one is a nootropic drug used for memory enhancement

• These products are expected to grow in the future according to positive indications received from our client

#### Business in Japan

- Track record of meeting quality requirements in Japan established
- Several products that have come through R&D have also progressed to the semi-commercial stage
- Next year we expect a repeat order of two intermediaries going into a new generation API to be launched in Japan

# **Future Strategy**

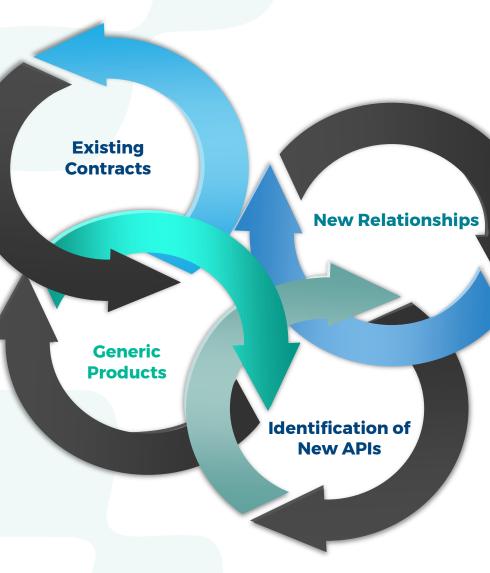


#### **Existing Contracts**

- Start with a specific product and expand horizontally
- European Innovator
- USA based Food Ingredient
- Japan Several contract manufacturing opportunities

#### **Generic Products**

- Gain market share in key APIs
- Three-pronged strategy for API development (already generic, to be generic & future generic) will help build a pipeline from a long-term perspective
- Identified 6 to 8 new products for generic development



#### New Relationships

- Added New innovator and biotech customers for early stage molecules for contract development
- Projects in various stages of clinical trials
- Approval process is lengthy & uncertain

#### Identifying New APIs

- Plans to file 5-6 DMFs per year
- Products selected are a combination of :
  - Clients' interest
- Niche molecules where we have a distinct technology advantage to gain a considerable market share
- Pursuing allied niche opportunities in steroids, oncology and peptides

# **Crop Protection**



#### Overview

- Custom Synthesis and Contract manufacturing of Agrochemicals, Intermediates and Specialty Chemicals
- World's largest supplier of Thiabendazole (TBZ)
- On Patent Molecule Manufacturer
- Strong Relationships with Global Leading Agrochemical Companies
- Strong Japanese Presence



Control Room - Taloja



Agro Chemical Plant - Panoli



Agro Chemical Facility - Taloja

# **Crop Protection - Facility Overview**



#### Taloja, MH

- Products: Crop Protection Als & Intermediates
- Accreditations : ISO 9001, ISO 14001, OHSAS 18001 & ISO 17025 (GLP)
- Manufactures Fungicides, Insecticides and Intermediates
- The site manufactures on patent active ingredients for innovator companies



#### Mahad, MH

- Products: Crop Protection Als & Intermediates
- Accreditations : ISO 9001, ISO 14001, OHSAS 18001
- Manufactures Intermediates
- Audited frequently by several Fine Chemical and Multinational Companies
- Commissioned a new state-of-the-art plant to manufacture an advanced intermediate for a key herbicide for a global innovator client



# **Key Relationships**



Thiabendazole

Versatile product used to control mold and other diseases in fruits and vegetables caused due to fungi, as an antiparasitic to control roundworms and in materials protection The product is used on grapes, potatoes, tobacco and vegetables. The wide use of this product would help the molecule to grow over several years

> Product exclusively for Innovator Client

On-Patent New Generation Product

Fungicide Exclusively manufacture for a global innovator saw a significant increase in volumes. This was due to the destocking activity of the client in the last 2 years which has led to the depleted stock level at the clients end Products predominantly used for controlling broad leaved weeds and for cotton crop treatment. Volume of these products increased multi-fold last year due to successful commercialization and scale up.

> Two on -Patent products for a Japanese Innovator

Niche plant growth regulator for a leading Japanese company

Product increases coloration of fruits as well as enhances fruit quality by increasing the Citric acid content Product is used to control a wide range of insects on rape, fruits, and as wood preservative to control termites. We expect the volumes to increase substantially this year due to the ban on some of the competitor products in the EU

> Commerciali zed a new insecticide

# **Future Strategy**

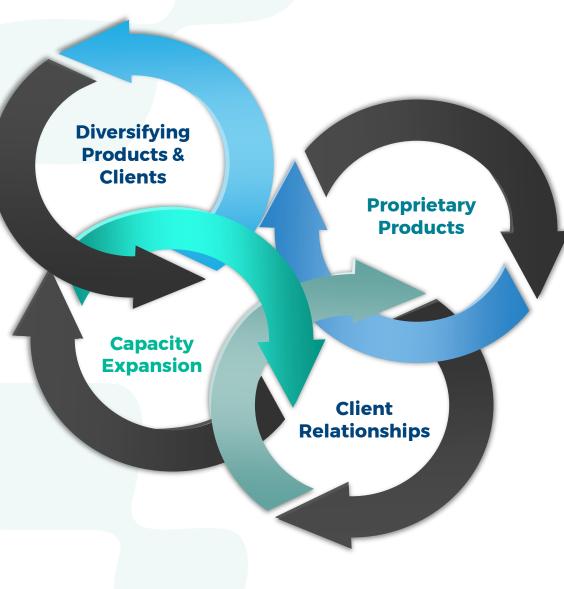
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#### **Diversifying Products & Clients**

- Several projects have been completed on development and pilot plant level
- Clients Japanese, European and mid-size Specialty Chemical Companies
- Products Advanced Intermediates to final Actives and are Herbicides, Fungicides and Insecticides

#### **Capacity Expansion**

 Commissioned a new state-of-the-art plant in Mahad to manufacture an advanced intermediate for a key herbicide for a global innovator client



#### **Proprietary Products**

Started new initiative to create data for Registration of our own product portfolio in several countries which will add value to our clients by making it easier for them to register products in global markets

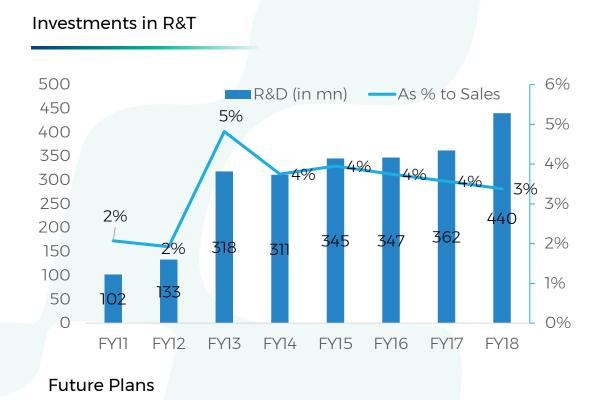
#### **Existing Client Relationships**

- Target existing clients for additional molecules in their portfolio
- Focusing on commercializing new molecules for several clients in existing & new markets
- Select new clients based on chemistries to execute on a commercial scale and inhouse technologies developed

# Research & Technology Update



Research Molecules in various stages of Phase II & III - Building a pipeline for future commercial supplies



- File 4-6 DMF's in 2018-19 for our generic API portfolio
- Continue to generate our own IP through Process
   Patents

**R&T - Benefits Accrued** 

- Filed 3 DMFs (Butorphanol, Apixaban & Celecoxib) as part of our proprietary portfolio in the pharmaceutical division and 4 certificates of suitability (CEP) for Europe (Pregabalin, Olmesartan, Celecoxib & Quetiapine)
- R&T facility in Pune and Development and Launch plant(DLP) in Bangalore delivered several contract development and manufacturing projects successfully
- In efforts to develop DLP further, we have filed a DMF from this site
- Developed a new API using an enzymatic process which is both cost-effective and environmentallyfriendly

# **Our R & T Efforts**



Crop Protection	<ul> <li>Developing a versatile product that is used as a micro biocides as well as fungicide. It has a wide range of applications as a preservative in varnishes, adhesives, inks, laundry detergents, stain removers, fabric softeners, leather processing solutions, fluid preservation and in emulsion paints. We hope to scale up and further commercialize the product in the near future</li> <li>We are working on developing a commercially viable process for a complex protection product which has recently gone off-patent and is used to control a wide range of diseases by pests on soybean, cereals, fruits and vegetables</li> </ul>
Pharmaceuticals	<ul> <li>Invested significantly in the generic API business both in terms of personnel and manufacturing capabilities. We have strengthened our R&amp;D infrastructure by starting a solid-state chemistry lab that will help us serve our customers better in terms of getting the right polymorphs and particle sizes of API's</li> <li>Pre-formulation and formulation development as part of R&amp;T is being evaluated as a long-term strategy to add value to our customers</li> </ul>
Animal Health	<ul> <li>Successfully validated a process for manufacturing an opioidanalgesic, another very niche high value complex product</li> </ul>

# *R&T - Facility Overview*



#### PUNE, MH



- Provides process research of APIs and intermediates involving multi-step synthesis
  - Successful track record in developing non-infringing processes and scaling up from lab to kilo to commercialization
- Supports clients with:
  - Route Scouting
  - Contract Research & Custom synthesis
  - Process Development & scale Up
  - cGMP Contract Manufacturing



- R&D Facility offers :
  - Troubleshooting support
  - Synthesis of Intermediates and APIs
  - Process Development

# Research & Technology Expertise



Facilities ensures seamless scale up from Lab to Commercialization

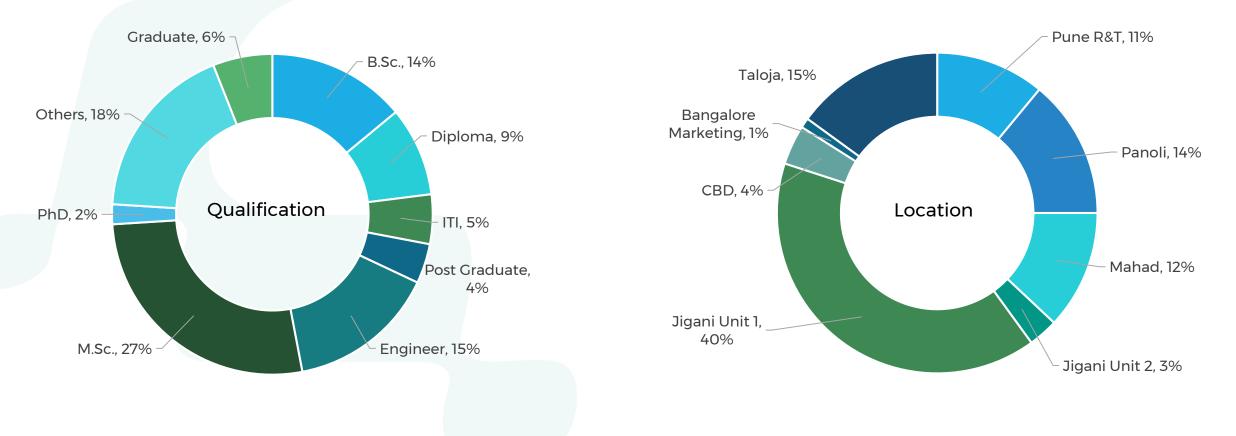
Activities	R&D Pune	Mahad	Bangalore Manufacturing	Panoli	Taloja
Drug Discovery Support					
Analytical method Development					$\checkmark$
Process Research	$\checkmark$				
Process Development	$\checkmark$				
Process Improvement			$\checkmark$	$\checkmark$	$\checkmark$
Kilogram Laboratories	$\checkmark$				$\checkmark$
Pilot Plants			$\checkmark$		$\checkmark$
cGMP compliance					

# Human Resources - Our Intellectual Capital



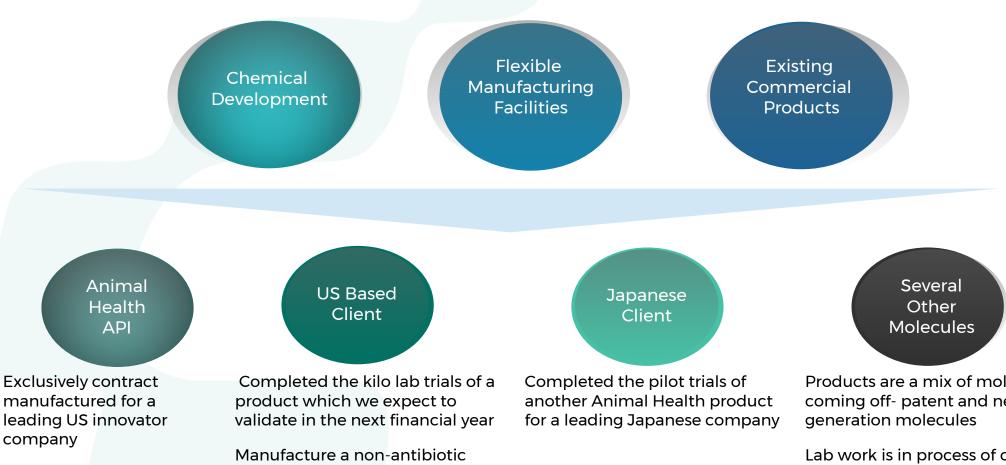
- Experienced workforce working with global Lifesciences companies
- Employees continuously trained through in-house workshops and external programs

Total workforce (as on September 30<sup>th</sup>, 2018) – 2,070



#### Animal Health - A Natural Progression





Developed 2 API's, one of them has a dual application and is used as a human health product

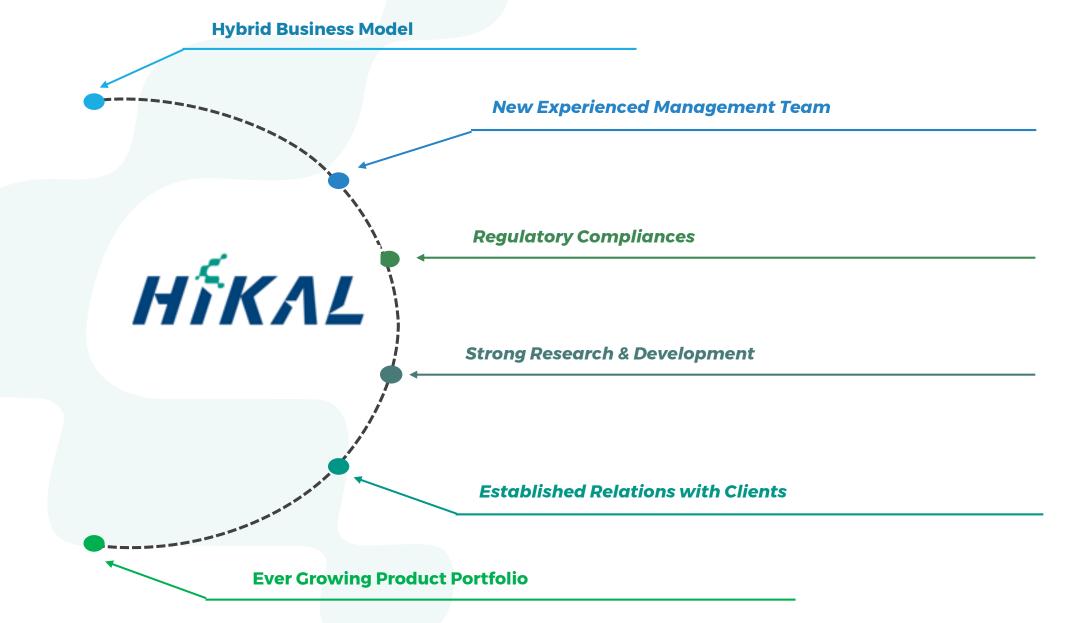
veterinary drug API that is used to prevent coccidiosis, a disease that threatens newly arrived cattle that often have a compromised immune system

Products are a mix of molecules coming off- patent and new

Lab work is in process of completion and awaiting scale up to the semicommercial stages

# Key Strengths



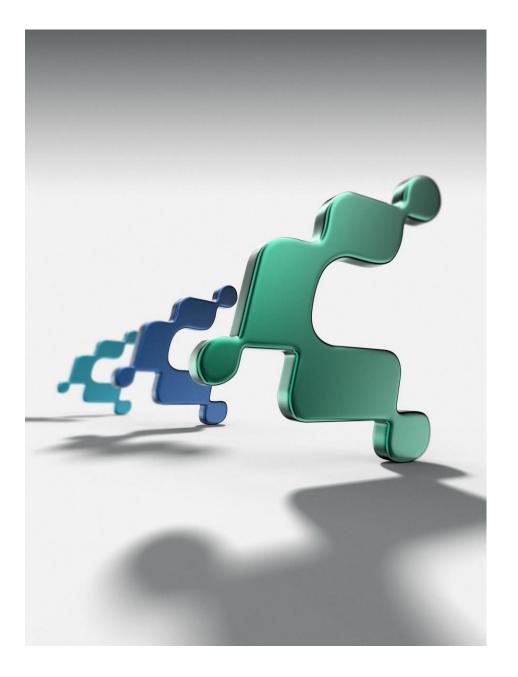


# **Growth Drivers**

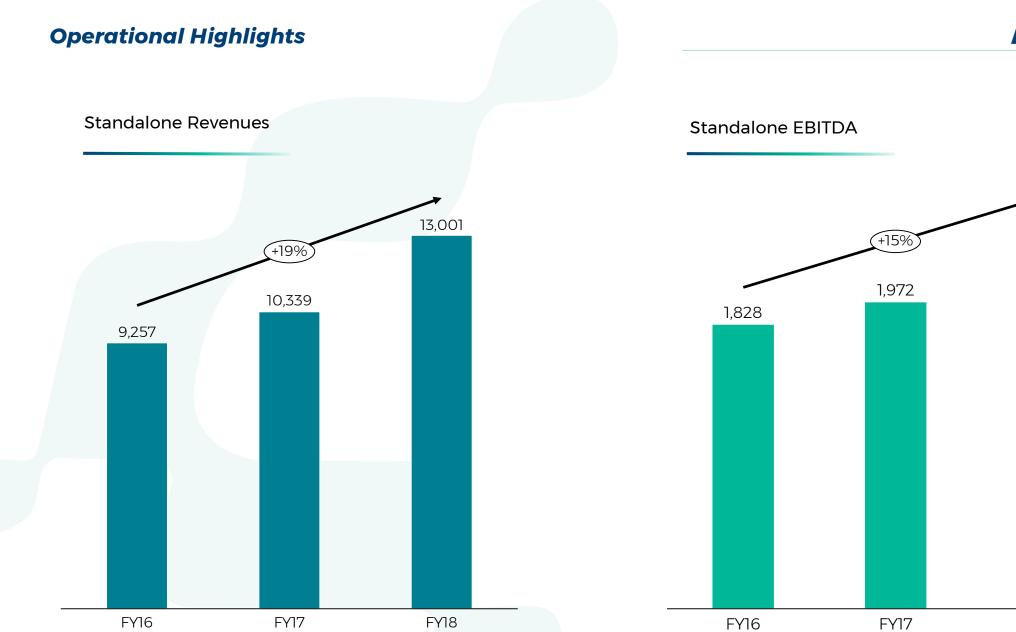


Uniquely positioned to become an integral part of Pharmaceutical and Crop Protection Supply Chain





# **Financials**



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Rs. Million

2,418

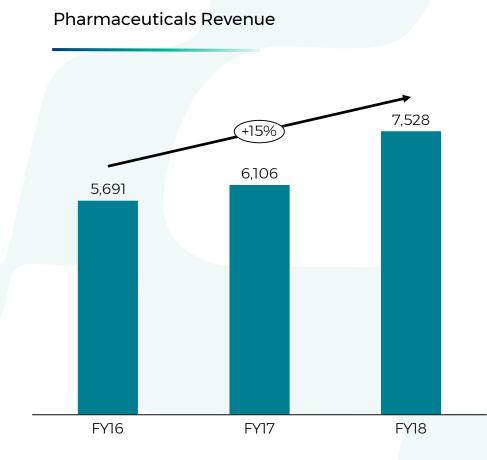
FY18

# **Operational Highlights**

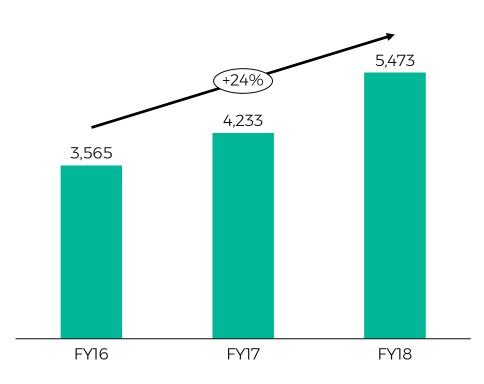


We expect growth in both our divisions with increased volumes from our existing products which provides sustainability to Revenues

Rs. Million



Crop Protection Revenue



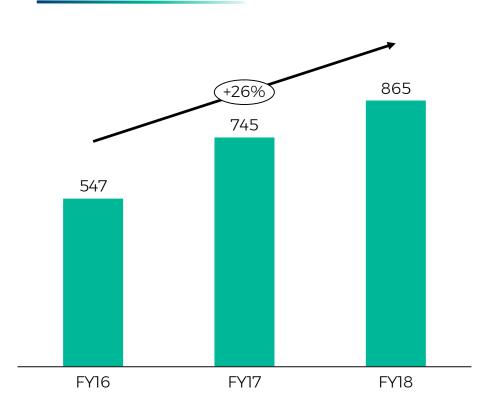
# **Operational Highlights**

Higher EBIT Margin on account of Higher Margin Products, Quality Conscious Customers and Efficient Operations

Pharmaceuticals EBIT



Crop Protection EBIT



Rs. Million



# Standalone Profit & Loss - Quarterly & Nine Months



Rs. Million	Q3 FY19	Q3 FY18	Y-o-Y	9M FY19	9M FY18	Y-o-Y
Net Sales	4,117	3,506	<b>17</b> %	11,321	9,096	24%
Expenditure	3,334	2,837		9,179	7,393	
EBITDA	783	669	<b>17</b> %	2,142	1,703	<b>26</b> %
Margin	19.0%	19.1%		<b>18.9</b> %	<b>18.7</b> %	
Other Income	5	9		22	28	
Depreciation	235	215		697	641	
Finance Costs	133	119		458	367	
РВТ	420	344	<b>22</b> %	1,009	723	40%
Тах	126	112		311	204	
Net Profit	294	232	<b>26</b> %	698	519	<b>34</b> %
Margin	7.1%	6.6%		<b>6.2</b> %	<b>5.7</b> %	

# Standalone Profit & Loss - Annual



Rs. Million	FY18	FY17	Y-o-Y
Net Sales	13,001	10,339	28%
Expenditure	10,583	8,367	
EBITDA	2,418	1,972	23%
Margin	18.6%	19.1%	
Other Income	44	34	
Depreciation	856	691	
Finance Costs	491	483	
РВТ	1,115	832	34%
Тах	343	125	
Net Profit	772	707	9%
Margin	5.9%	6.8%	

# **Standalone Balance Sheet**

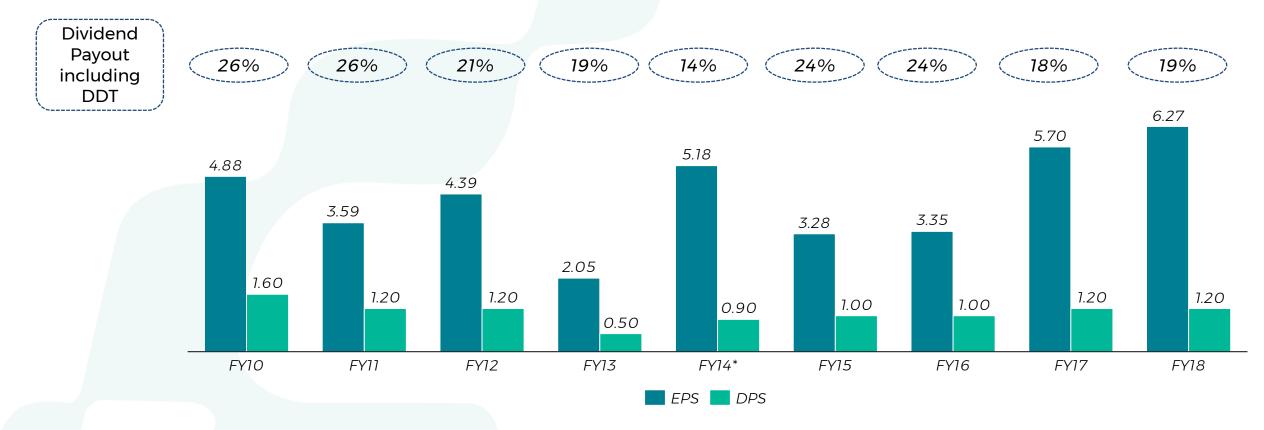


Assets (Rs. Million)	Sep-18	Mar-18
Total Non Current Assets	8,673	8,518
Fixed Assets		
Tangible Assets	6,663	6,301
Intangible Assets	31	35
Intangible Assets Under	43	24
Development		
Capital work in Progress	952	1,155
Financial Assets		
Investments	21	26
Loans	5	3
Other Financial Asset	36	2
Deferred Tax Asset(Net)	0	5
Other Non Current Assets	895	967
Current Tax Assets (Net)	27	-
Total Current Assets	7,715	6,899
Inventories	3,418	3,030
Trade Receivables	3,271	2,874
Cash & Cash Equivalents	227	58
Bank Balances	189	214
Loans	3	4
Other Current Assets	607	719
TOTAL ASSETS	16,388	15,417

Liabilities (Rs. Million)	Sep-18	Mar-18
Shareholders Fund	7,023	6,694
Share Capital	247	164
Other Equity	6,776	6,530
<b>Total Non Current Liabilities</b>	3,201	3,123
Long Term Borrowings	2,940	2,966
Long Term Provisions	261	157
<b>Total Current Liabilities</b>	6,164	5,600
Short Term Borrowings	3,130	2,772
Trade Payables	2,075	1,645
Other Financial Liabilities	777	874
Short Term Provisions	35	35
Other Current Liabilities	141	265
Current Tax Liabilities (Net)	6	9
<b>TOTAL EQUITY &amp; LIABILITIES</b>	16,388	15,417

# **Annual Dividend Payout**





- Declared an interim dividend of Re 0.60 per equity share (30% of Face Value) for FY 18-19
- Issued 1 Bonus Share for every 2 Share of Face value of Rs. 2 each on June 2018 and EPS have been restated accordingly
- Total Dividend for FY18 is Rs. 1.20 per share (60% of face value of Rs. 2 each)

\* - Includes exceptional income of Rs. 2.75 per share (Rs 226 mn net of tax received from disposal of shares of Hikal Employee Welfare Trust A&B)



# ΗἶΚΛΙ

#### Company :

#### Hikal Limited CIN: L24200MH1988PTC048028

Mr. Sham V. Wahalekar

sham\_wahalekar@hikal.com

www.hikal.com

# $SGA \stackrel{Strategic \ Growth \ Advisors}{}$

**Investor Relations Advisors :** 

Strategic Growth Advisors Pvt. Ltd. CIN: U74140MH2010PTC204285

Ms. Payal Dave / Mr. Jigar Kavaiya +91-9819916314 / +91-9920602034 payal.dave@sgapl.net / jigar.kavaiya@sgapl.net

www.sgapl.net

