

August 16, 2018

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: Intimation of Schedule of Analyst / Institutional Investor meetings under the SEBI (Listing Obligations and Disclosure Requirements), Regulations 2015

Pursuant to the relevant provisions of SEBI (Listing Obligations and Disclosure Requirements), Regulations 2015, we would like to inform you that the officials of the Company will be attending the following Conference of Institutional Investors.

Date Organised by Place

16th August 2018 HDFC Securities Ltd. Mumbai

The copy of Investor Presentation – August 2018 which will be shared with Investors at the conference is attached herewith and is also available on website of the Company at www.hikal.com.

This information is submitted to you pursuant to Regulation 30(6) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements), Regulations, 2015.

Kindly note that changes may happen due to exigencies on the part of Host / Company.

This is for your information and records.

Thanking you,
Yours faithfully,

for HIKAL LTD.,

Mukund Mujumdar AGM Secretarial

#### Hikal Ltd.



**August 2018 Presentation** 

#### **Safe Harbor**



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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

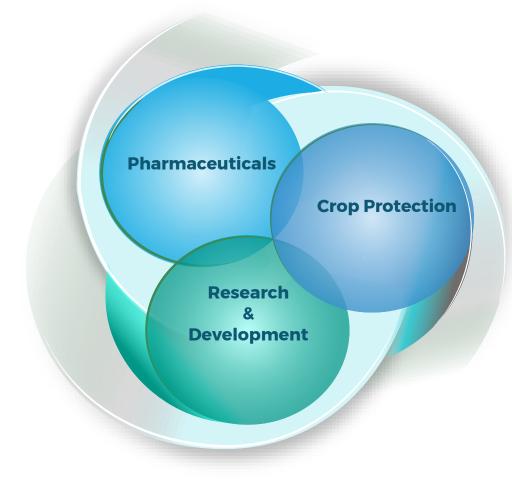
- Contract & Custom Manufacturing
- Generics
- Human Health
- Animal Health
- Strong Relationships with Innovators, Mid size Pharma, Biotech & Generic Companies

### **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 acquires manufacturing site from Novartis in Panoli, Gujarat		
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		
2003	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		

# **Global Regulatory Compliances**

















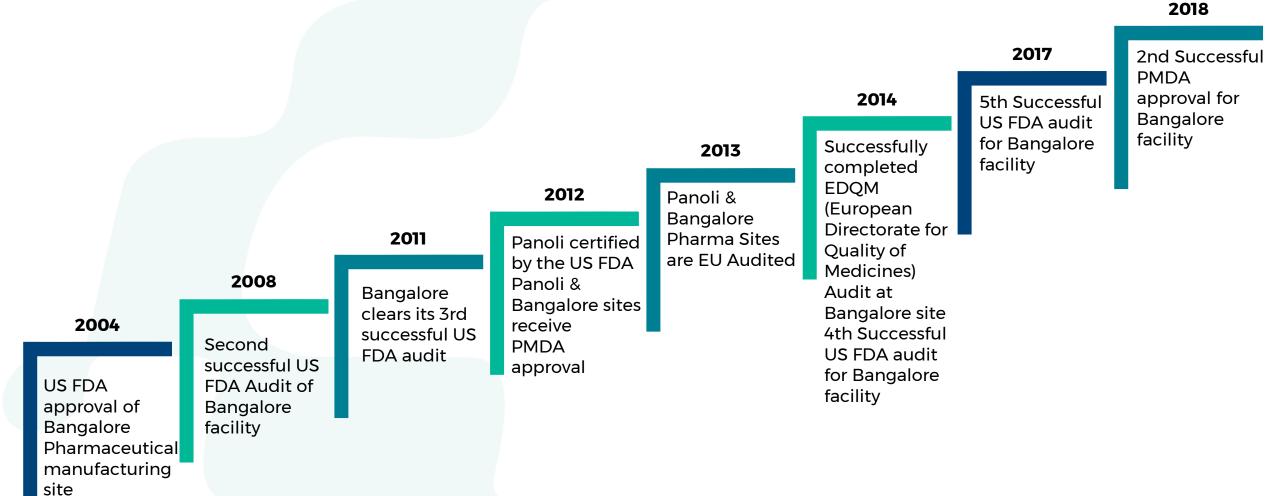






# **Regulatory Milestones**





### **Board of Directors**





Jai Hiremath Chairman & MD



Sameer Hiremath Joint MD & CEO



Baba Kalyani



Amit Kalyani



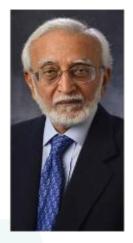
Dr. Wolfgang Welter



Ranjit Shahani



Sugandha Hiremath



Prakash Mehta



Kannan Unni



Shivkumar Kheny

# **Management Team**





Jai Hiremath Chairman & MD



Sameer Hiremath Joint MD & CEO



Anish Swadi Strategy & Business Development



Dr. Sudhir Nambiar Research & Technology



Manoj Mehrotra Pharmaceuticals



Kumar Inamdar Crop Protection



Sham Wahalekar Finance



Kumaar Priyaranjan HR

### **Scientific Advisory Board**



Dr. Goverdhan Mehta

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

He is a National Research Professor, Eli Lilly Chair, School of Chemistry at the University ofHyderabad and a Bhatnagar Fellow

Padma Shri in 2000 by the President of India

Chevalier de la Légion d'Honneur

Fellow of the Royal Society and a member of the Scientific Advisory Committee to the Prime
Minister of India

Prof. K Nagarajan

He is B.Sc. (Hons) in Chemistry from Loyola College, Madras, and Ph.D. from the University of Madras.

He is a postdoctoral Fellow from Wayne State University, California Institute of Technology,

Pasadena and Zurich University, Switzerland

He has held various positions as Head, Medicinal Chemistry, Ciba Research Center; Director, R&D of Searle India, among others

Bhatnagar Prize in Chemistry and Lifetime Research Award from the Chemical

\* Research Society of India. Dr. K. Nagarajan spearheads the scientific efforts at Hikal

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'



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

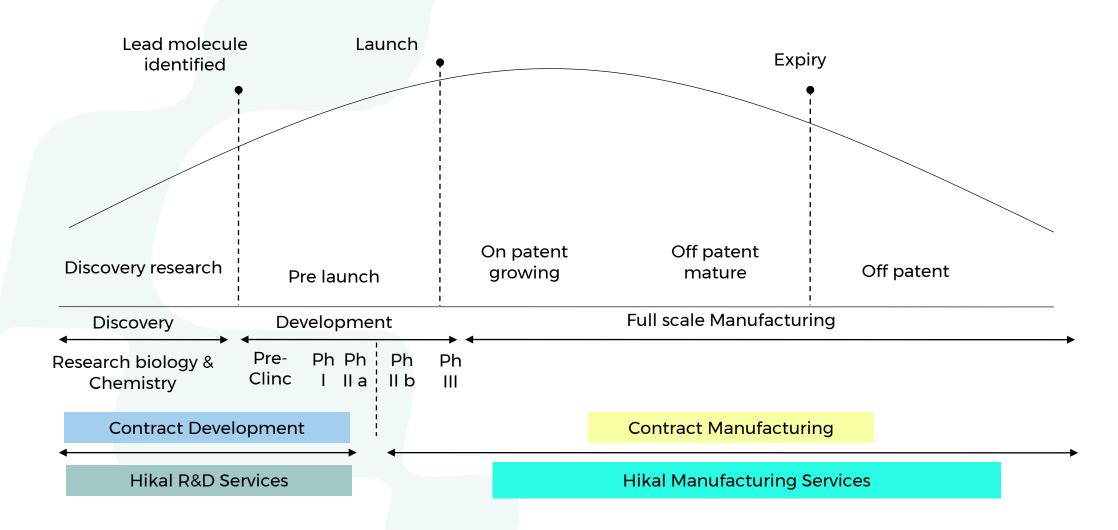
- Develop own portfolio of products as next wave of Hikal growth
- Life cycle extension

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

#### **Value Chain**



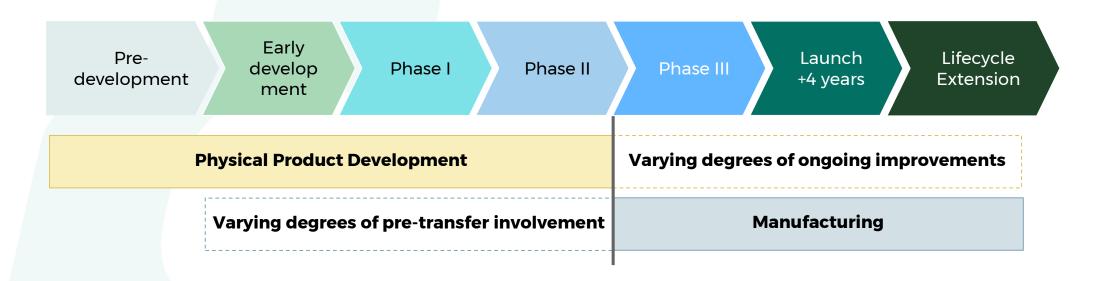
Expertise in Custom Synthesis and Contract Research with capabilities scaling up from Gram to Kilo and Ton level of Production



# **Contract Development & Manufacturing**



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

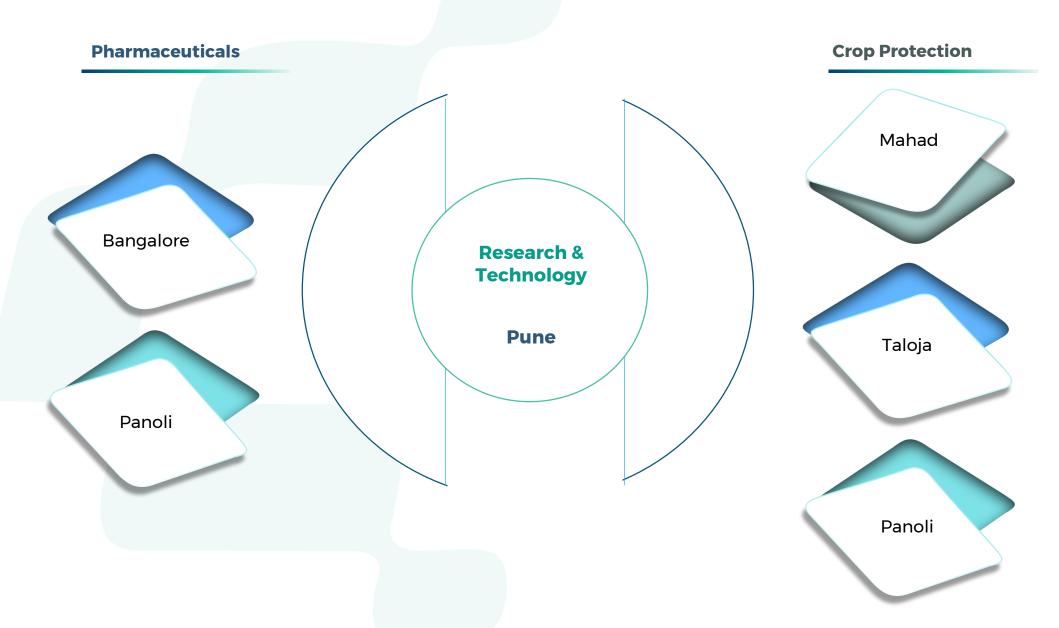


Commercial Manufacturing
Kgs - Tons

Process Development &
New Product Development

# **Hikal - Locations**





# **Manufacturing Capabilities**



Pune	
R&T Center in Pune becomes operational	2009
	Bangalore & Panoli
	First new API plant commissioned at Bangalore. Multi-purpose pharma intermediate plant commissioned at Panoli
Bangalore	
Acquired R&T and manufacturing site; enters the Pharmaceutical Business	2001
	Panoli
	Acquires manufacturing site from Novartis in Panoli, Gujarat
Taloja	
Manufacturing of the Active Ingredient for Merck begins at Taloja site	1997
	Mahad
	First Manufacturing site at Mahad begins operations - Signed a long term supply agreement with Hoescht India

#### **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**

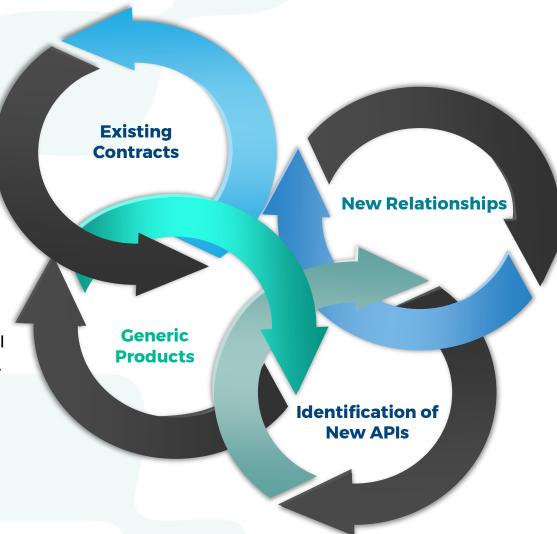


#### **Existing Contracts**

- 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

level at the clients

end

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 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.

C

Niche plant growth regulator for a leading Japanese company 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

Product is used to

Two on Patent
products for a
Japanese
Innovator

Product increases coloration of fruits as well as enhances fruit quality by increasing the Citric acid content

Commerciali zed a new insecticide

### **Future Strategy**

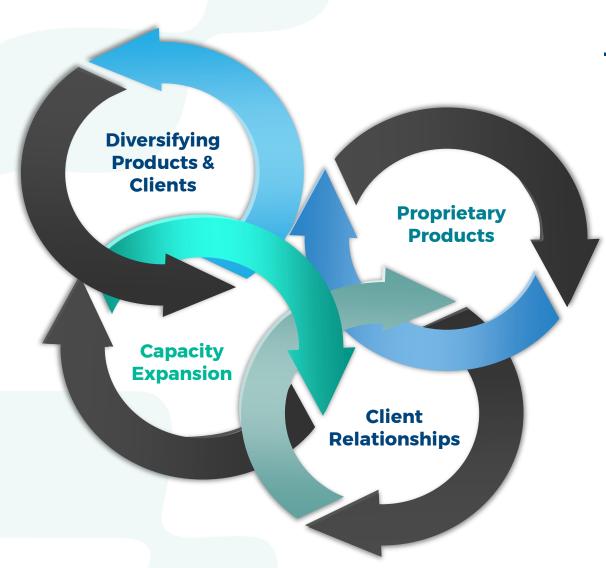


#### **Diversifying Products & Clients**

- 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

#### Investments in R&T



#### **Future Plans**

- 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**

- 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
- 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

#### **Pharmaceuticals**

- Invested significantly in the generic API business both in terms of personnel and manufacturing capabilities. We have strengthened our R&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
- Pre-formulation and formulation development as part of R&T is being evaluated as a long-term strategy to add value to our customers

# **Animal Health**

 Successfully validated a process for manufacturing an opioidanalgesic, another very niche high value complex product

### R&T - Facility Overview



#### PUNE, MH





 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



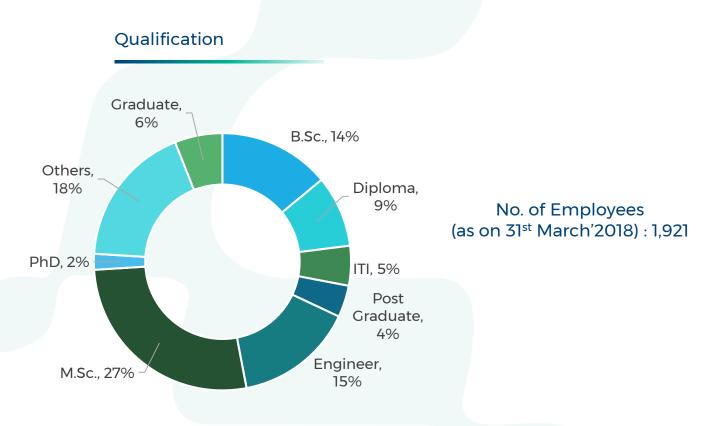
### Facilities ensures seamless scale up from Lab to Commercialization

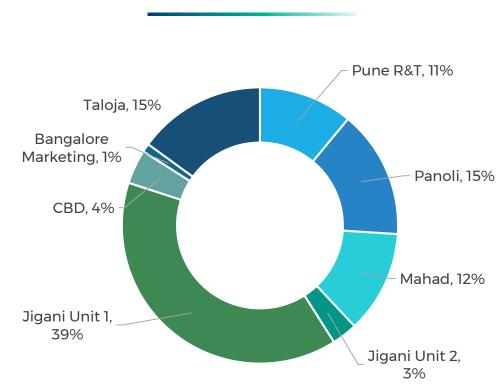
Activities	R&D Pune	Mahad	Bangalore Manufacturing	Panoli	Taloja
Drug Discovery Support					
Analytical method Development	$\checkmark$				$\checkmark$
Process Research	$\checkmark$				
Process Development	$\checkmark$			$\checkmark$	$\checkmark$
Process Improvement		$\checkmark$	$\checkmark$	$\checkmark$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

# **Intellectual Capital**



We are creating a Sustainable Culture with the help of our team of Experienced Scientists and Specialists





Location

### **Animal Health - A Natural Progression**



Chemical Development Flexible Manufacturing Facilities

Existing Commercial Products

Animal Health API

Exclusively contract manufactured for a leading US innovator company

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

Completed the kilo lab trials of a product which we expect to validate in the next financial year

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

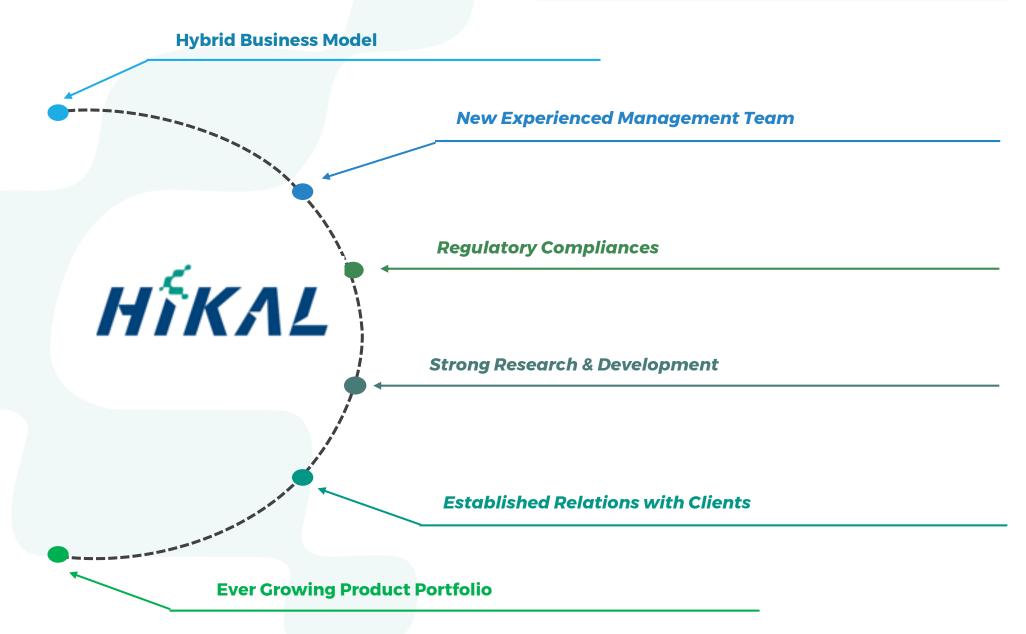
Japanese Client

Completed the pilot trials of another Animal Health product for a leading Japanese company Several Other Molecules

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

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



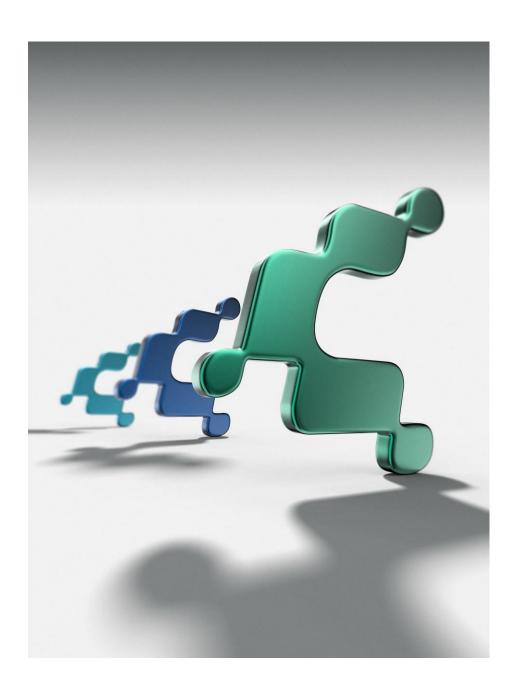


### **Growth Drivers**



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

**Blocks Built Growth Drivers Expansion of Product Asset Creation** Portfolio HĨKAL Relationships Increase in Volumes Margin Enhancement Research & Development

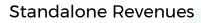


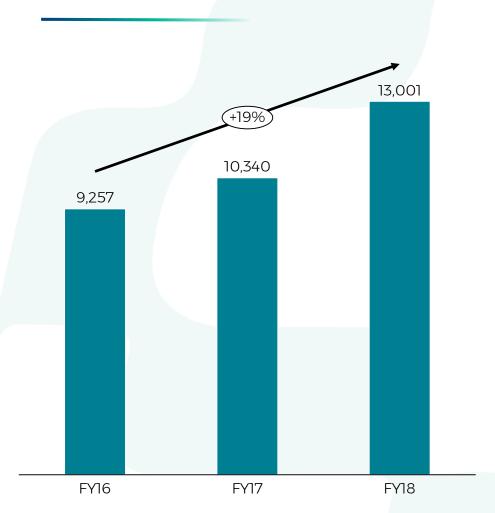
# **Financials**

# **Operational Highlights**

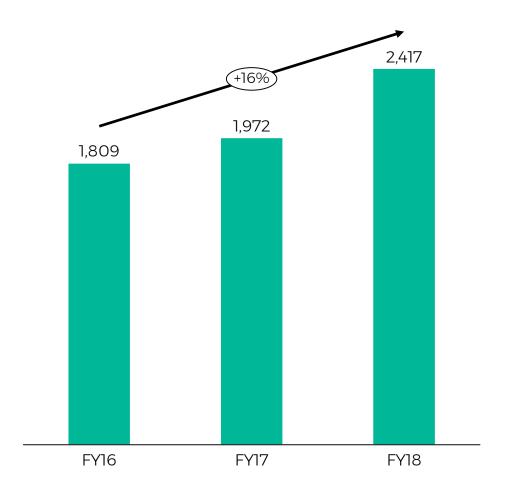








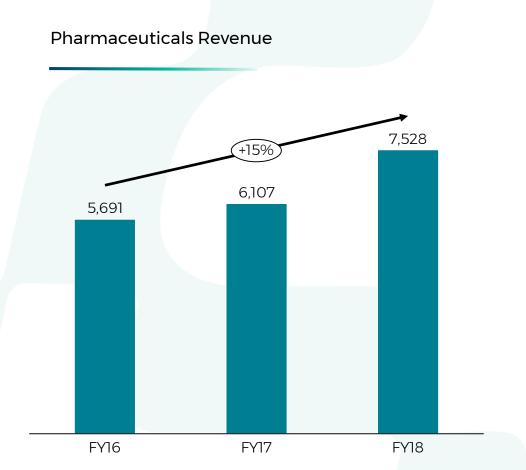
#### Standalone EBITDA



# **Operational Highlights**



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

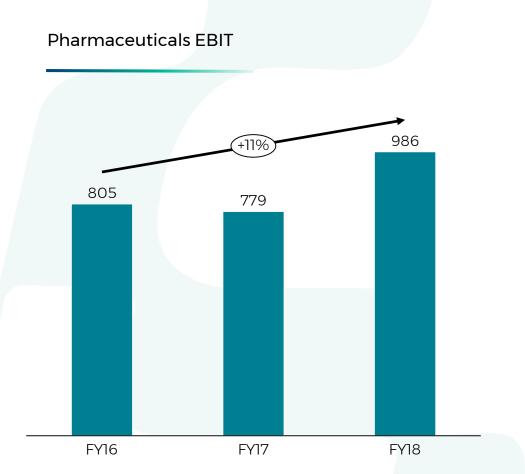


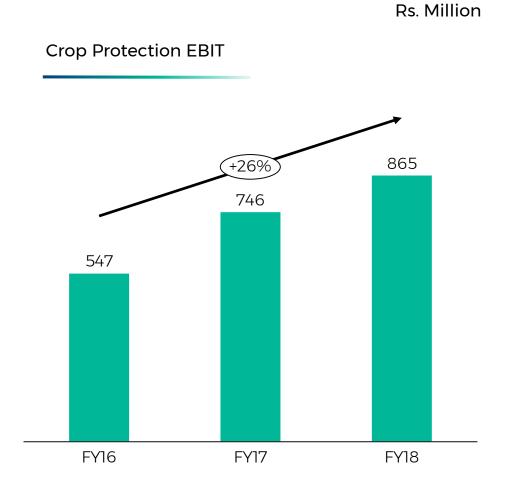
Rs. Million **Crop Protection Revenue** 5,473 4,233 3,565 FY16 FY17 FY18

# **Operational Highlights**



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





# Standalone Profit & Loss - Quarterly



Rs. Million	Q1 FY19	Q1 FY18	Y-o-Y
Net Sales	3,256	2,627	24%
Expenditure	2,650	2,130	
EBITDA	606	497	<b>22</b> %
Margin	18.6%	18.9%	
Other Income	14	16	
Depreciation	226	213	
Finance Costs	160	117	
PBT	234	183	28%
Tax	75	50	
Net Profit	159	133	20%
Margin	4.9%	5.1%	

# Standalone Profit & Loss - Annual



Rs. Million	FY18	FY17	Y-o-Y
Net Sales	12,961	10,139	28%
Expenditure	10,543	8,167	
EBITDA	2,418	1,972	23%
Margin	18.7%	19.4%	
Other Income	44	34	
Depreciation	856	691	
Finance Costs	491	483	
PBT	1,115	832	34%
Tax	343	125	
Net Profit	772	707	9%
Margin	6.0%	7.0%	

# **Standalone Balance Sheet**

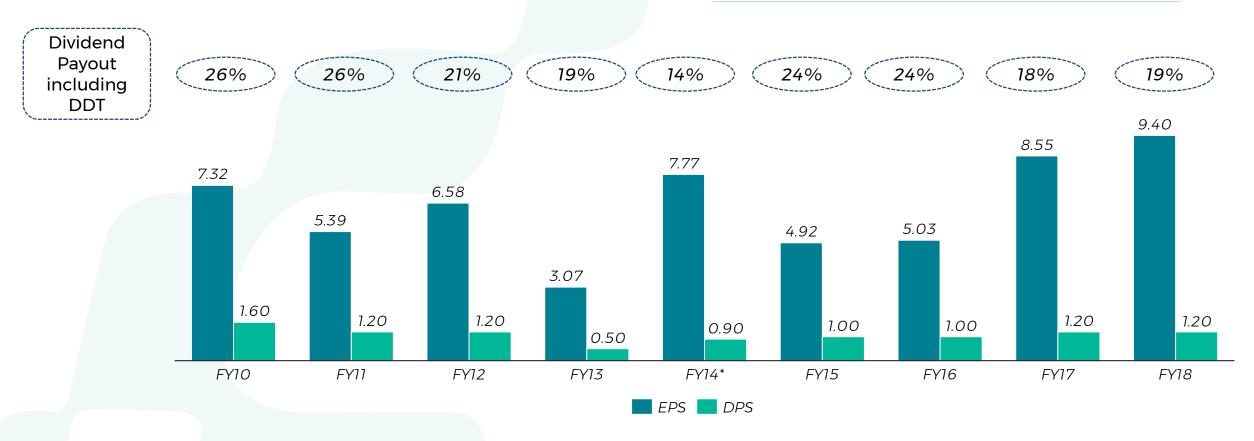


Assets (Rs. Million)	Mar-18	Mar-17
<b>Total Non Current Assets</b>	8,518	8,030
Fixed Assets		
Tangible Assets	6,301	6,677
Intangible Assets	35	7
Intangible Assets Under Development	24	8
Capital work in Progress	1,155	620
Financial Assets		
Investments	26	36
Other Financial Asset		
Deferred Tax Asset(Net)	5	102
Other Non Current Assets	972	580
Income Tax Assets		
<b>Total Current Assets</b>	6,899	5,765
Inventories	3,031	2,636
Trade Receivables	2,873	2,565
Cash & Cash Equivalents	58	162
Bank Balances	2	2
Other Current Assets	935	400
TOTAL ASSETS	15,417	13,795

Liabilities (Rs. Million)	Mar-18	Mar-17
Shareholders Fund	6,695	6,050
Share Capital	164	164
Other Equity	6,531	5,886
<b>Total Non Current Liabilities</b>	3,123	3,344
Long Term Borrowings	2,966	3,201
Long Term Provisions	157	143
<b>Total Current Liabilities</b>	5,599	4,401
Short Term Borrowings	2,771	2,302
Trade Payables	1,645	1,305
Other Financial Liabilities	1,139	760
Short Term Provisions	35	12
Other Current Liabilities		
Current Tax Liabilities	9	22
TOTAL EQUITY & LIABILITIES	15,417	13,795

# **Annual Dividend Payout**





- Issued 1 Bonus Share for every 2 Share of Face value of Rs. 2 each
- Total Dividend for FY18 is Rs. 1.20 per share (60% of face value of Rs. 2 each)

<sup>\* -</sup> 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)





#### **Company:**

Hikal Limited CIN: L24200MH1988PTC048028

Mr. Sham V. Wahalekar

sham\_wahalekar@hikal.com

www.hikal.com



#### **Investor Relations Advisors:**

Strategic Growth Advisors Pvt. Ltd. CIN: U74140MH2010PTC204285

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