

## ARROW COATED PRODUCTS LTD.

Solitaire Corporate Park Bldg No 3, 7th Floor Unit No 372, Guru Hargovindji Marg Chakala Andheri (E), Mumbai-400 093. CIN No. : L21010MH1992PLC069281

Tel.:+91-22-4074 9000 Fax :+91-22-4074 9099 +91-22-6692 3377 Email : sales@arrowcoated.com Website : www.arrowcoated.com

#### 9th February 2016

To Manager (CRD) **Bombay Stock Exchange Ltd. (BSE)** P.J. Towers, Dalal Street, Mumbai 400 001

Manager (CRD) National Stock Exchange of India Ltd. (NSE) Exchange Plaza, Bandra Kurla Complex Bandra (E), Mumbai - 400051

Ref: Script Code- 516064

Script Code- ARROWCOAT

Sub: Presentation on Business Performance of the Company

Dear Sir,

With reference to captioned subject matter, please find enclosed herewith the presentation on business performance of the Company.

This is for your information and records.

Thanking you,

Yours faithfully,

For Arrow Coated Products Limited

Poonan Bansof

Poonam Bansal Company Secretary



# **Arrow Coated Products Limited**

**Investor Presentation — February 2016** 

#### Safe Harbor



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#### Content



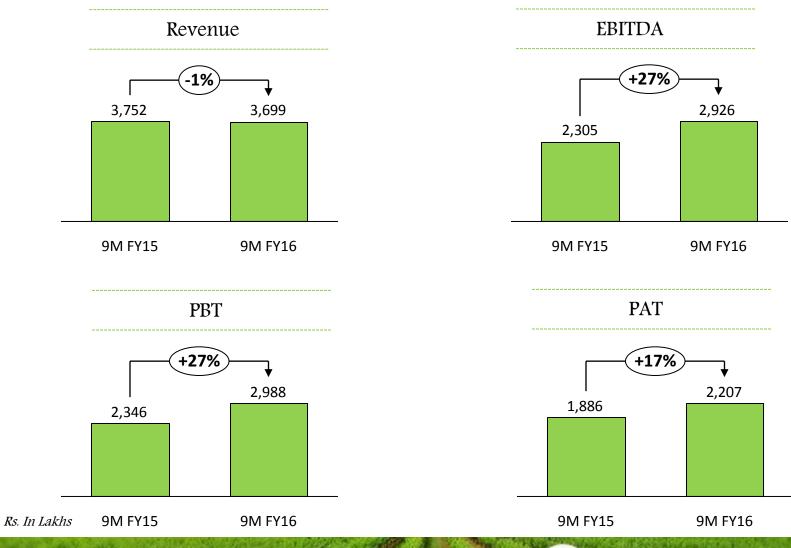
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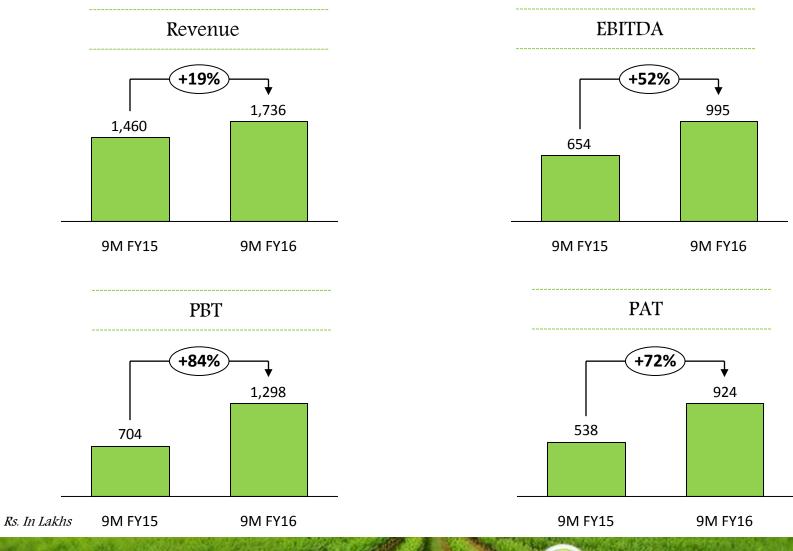
#### Consolidated Result Highlights – 9M FY16

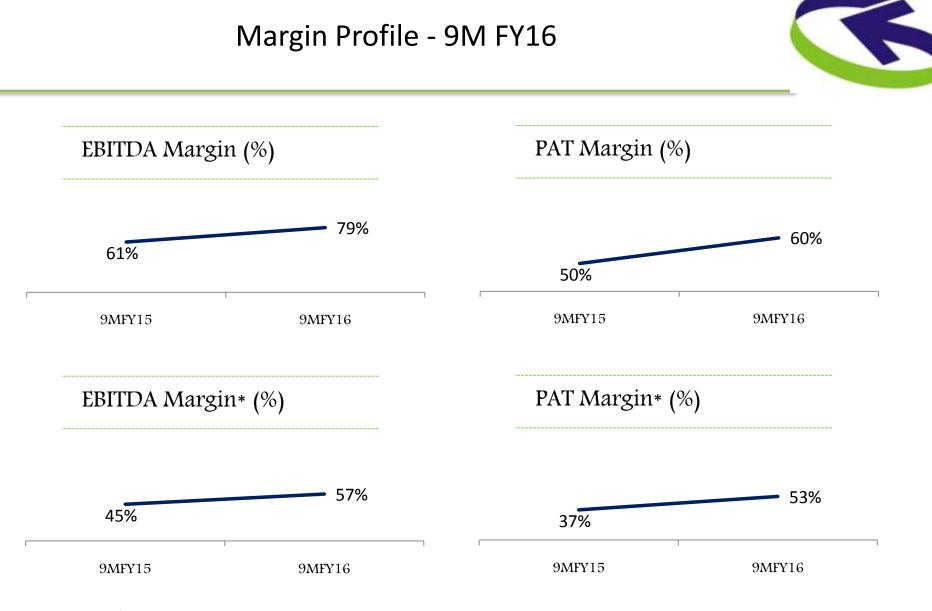




#### Standalone Result Highlights – 9M FY16







*Growth Y*–*o*–*Y* \*Standalone

## **Consolidated Profit & Loss Statement**



Rs . Lakhs	Q3FY16	Q3FY15	Y-0-Y%	9MFY16	9MFY15	Y-o-Y%
Revenue	1326.1	1308.5	1%	3698.8	3752.0	-1%
Increase/Decrease in Stock in Trade	18.2	60.2		24.6	183.2	
Raw Material	62.4	33.7		161.1	89.4	
Manufacturing Expenses	50.3	50.0		141.3	119.8	
Employee Cost	65.3	50.3		183.4	153.3	
Other Expenses	71.5	209.3		262.4	901.7	
EBIDTA	1058.4	905.1	17%	2926.1	2304.7	27%
EBIDTA Margin	79.81%	69.17%		79.11%	61.43%	
Other Income	25.2	24.2		140.0	80.4	
Depreciation	26.3	15.4		77.8	37.3	
EBIT	1057.3	913.9	16%	2988.3	2347.8	27%
Interest	0.0	0.0		0.0	0.0	
Profit before Exceptional item & Tax	1057.3	913.9		2988.3	2347.8	
Exceptional Items	-0.1	-0.4		-0.4	-1.5	
РВТ	1057.2	913.5	16%	2987.9	2346.3	27%
Тах	335.7	147.3		739.1	419.7	
РАТ	721.6	766.2		2248.8	1926.6	
Minority Interest	15.37	-17.19		41.81	40.95	
PAT after Minority Interest	706.2	783.4		2207.0	1885.7	17%
PAT after Minority Interest (%)	53.25%	59.87%		59.67%	50.26%	

#### Standalone Profit & Loss Statement



Rs . Lakhs	Q3FY16	Q3FY15	Y-o-Y%	9MFY16	9MFY15	Y-o-Y%
Revenue	606.6	603.4	1%	1736.4	1460.0	19%
Increase/Decrease in Stock in Trade	18.0	60.0		24.9	183.1	
Raw Material	62.4	33.7		161.1	89.4	
Manufacturing Expenses	50.3	50.0		141.3	119.8	
Employee Cost	65.3	54.4		179.0	153.3	
Other Expenses	64.7	159.0		235.2	260.6	
EBIDTA	345.9	246.2	40%	995.0	653.8	52%
EBIDTA Margin	57.02%	40.80%		57.30%	44.78%	
Other Income	334.6	24.2		375.4	80.2	
Depreciation	24.5	13.0		72.3	29.9	
EBIT	656.0	257.5	155%	1298.1	704.1	84%
Interest	0.0	0.0		0.0	0.0	
Profit before Exceptional item & Tax	656.0	257.5		1298.1	704.1	
Exceptional Items	-0.7	-0.4		-0.4	-1.5	
РВТ	655.3	257.1	155%	1297.7	702.6	85%
Тах	181.1	45.0		374.0	165.0	
РАТ	474.3	212.1	124%	923.8	537.6	72%
PAT Margin	78.18%	35.15%		53.20%	36.82%	



Declared Interim Dividend of Rs. 3 per share i.e. 30% on FV of Rs. 10

Name of Wholly owned UK Subsidiary of the Company has been changed from "ARROW COATED PRODUCTS (UK) LTD" to

"ARROW GREEN TECHNOLOGIES (UK) LTD"

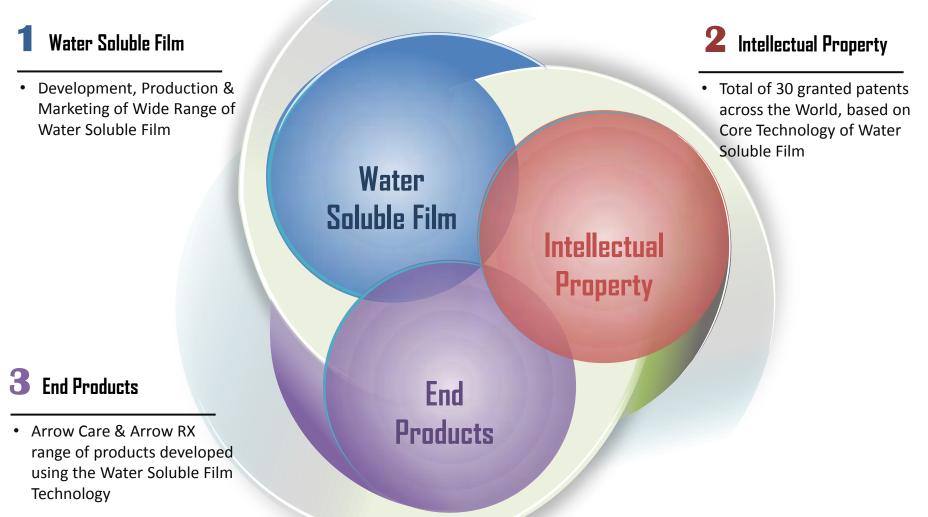
Wholly owned UK Subsidiary Company Arrow Green Technologies (UK) ltd purchased a factory premises, warehouse and offices in Scunthorpe, North Lincolnshire, United Kingdom





#### **Business Overview**









## What is Water Soluble Film (WSF) ?





## Advantages of Water Soluble Film



#### **Eco Friendly**

Dissolves without leaving any harmful residue

#### Safe

Avoids direct contact with the toxic product / Cross Contamination

#### Easy to Dose

It is precisely dosed = no product wastage

#### Convenient

Doses has less storage space and easy to handle

#### Varied Industries

Used in varied Industries in multiple ways



## **Our Water Soluble Film Business**

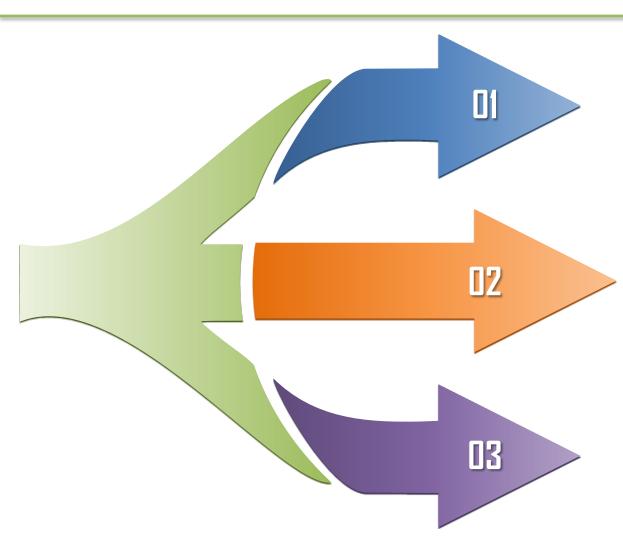
- Sole Manufacturer of Cast Water Soluble Film in India
- State of art Manufacturing Facilities
  - Ankleshwar, Gujarat : ~ 350 Km far from Bombay
  - Land on 99 years renewable lease from GIDC
  - R&D Centre with Modern Equipments
  - Common Utilities and R&D available for future expansion
- Key Industries :
  - Agrochemicals, Embroidery, Detergents, Soap Film Laundry Bags, Capsule Package, Fish Bait, Toilet Blocks, Edible Film based Pharma Films, Dyes, Cement Additives, Enzymes for Bio Toilets etc

#### 100% compostable, 100% degradable and 100% eco-friendly





#### **Key Entry Barriers**





#### **Product Formulation**

- Special Chemistry per end use
- Customized Formulations designed for various types of parameters of WSF
- Example : Various Water Temperature, time of dissolution and types of Water Hard, soft, Salty etc

#### **Proprietary Information**

- RND outcome is privy to Arrow
- Example : Given a particular material to be packed: Under What Conditions will the WSF dissolve and the Chemical Properties of WSF once it is dissolved

#### **Accelerated Ageing Test**

- WSF goes through Accelerated Ageing test under accelerated ageing conditions. This matrix of information is vital to development of right WSF
- To help determine the long-term effects for the purpose of expected shelf life of packed product.

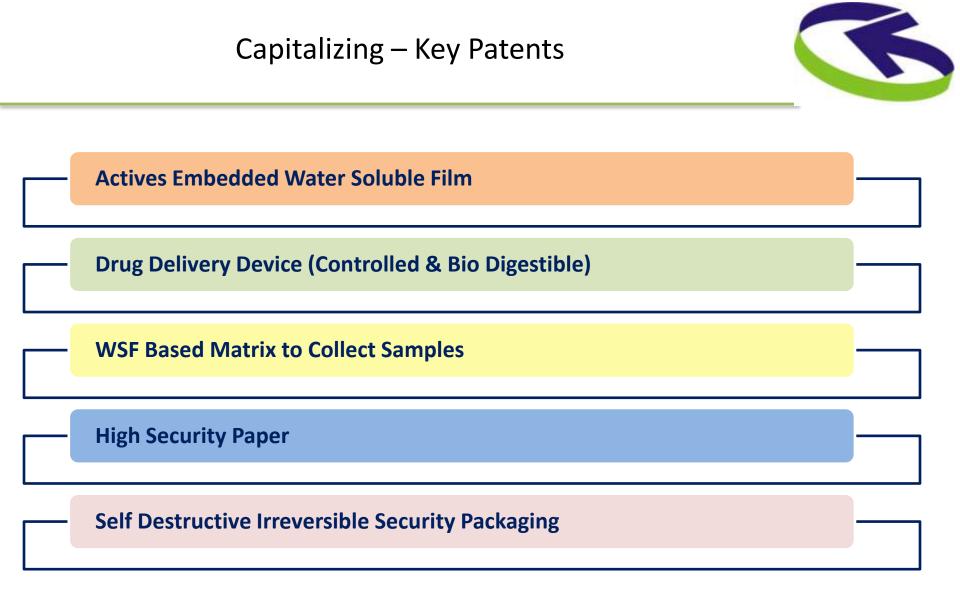


# Intellectual Property

#### Key Granted Patents across the Globe



A Process of manufacturing embedded water soluble film system and embedded water soluble film system manufacture by the same India	Water Soluble Drug delivery system U.K.	A water soluble film based matrix to contain samples extracted from living species Europe, India & United States	High security paper and process of manufacture Russia	Self destructive irreversible security packaging film India, Eurasia & Europe
Method of manufacturing embedded water soluble film carrier Australia & South Africa	Substantial Pinhole Free Multilayered Water Soluble Film and Process of manufacture the same India	Edible water soluble packaging film and package made out of the said film India	Method of producing a high security film Europe	A water Soluble Film based Package for Packing Aqueous Liquids India
Substrate for ink jet printing with hydrophobic solvent based ink India	High strength paper and process of manufacture United States	Cast – Extruded or Cast – Cast Combined multilayer water soluble film and process for producing the same India	Method of making High Strength Paper & A Paper manufactured thereof India & South Africa	Method of producing a high security film and high security film produced by the said method United States
Wide format printed graphics without release liner India	Self adhesive materials with a water soluble protective layer South Africa & United States	High Security Film Australia	A process of Preparing a Self Adhesive India	



## Health & Hygiene : Active Embedded Water Soluble Film



Relates to process for manufacturing embedded/entrapped water-soluble film (WSF) system and water soluble film (WSF) system manufactured by the said process	mbedded/entrapped water-soluble film (WSF) ystem and water soluble film (WSF) system		
Patent	Details	Application	
Grant	Details	Advantages	,
<ul> <li>Patent Granted in India (200301), 24.04.06; South Africa (2004/3259), 24.11.04; Australia (2002356417), 22.01.09;</li> <li>Patent being "Prosecuted to Grant" in Europe (EP2228431) USA (US20110039985) Australia (AU-A-2009200075)</li> </ul>		<ul> <li>Dissolves instantly</li> <li>Drug delivery faster</li> <li>Quicker reaction</li> <li>Novel Drug Delivery System</li> </ul>	<ul> <li>Cheaper than conventional technology of drug delivery</li> <li>Easy intake</li> <li>Sugar free</li> <li>Precise Delivery of nutrients to the plant (roots, leaves)</li> </ul>

## Health & Hygiene : Drug Delivery Device



Relates to a dosing system which ingredients, embedded within ar water soluble or water dispersibl	nd/or coated upon	<ul><li>For Humans</li><li>For Animals</li><li>For Plants</li></ul>
	Patent Details	Application
	Grant Details	Advantages
<ul> <li>Patent Granted in United Kingdom (GB2421431) India (264545), 05.01.15</li> <li>Patent being "Prosecuted to Gra Europe (EP1865930) USA (US20080038326)</li> </ul>	nt" in	<ul> <li>Delivers actives in a controlled manner</li> <li>Delivers actives at precise locations</li> <li>Bio -digestible</li> <li>Can deliver multiple actives</li> <li>Less chances of cross contamination in post operative care</li> </ul>

## Health & Hygiene : A WSF based matrix to contain samples



<ul><li>collecting</li><li>Blood, Urine, Serum Samples or</li></ul>	<ul><li>Blood, Urine, Serum Samples or</li><li>Any other type of samples extracted from living</li></ul>		e film based matrix for amples extracted from ng cross infection or
	Patent Details	Application	
	Grant Details	Advantages	,
<ul> <li>Patent Granted in India (251630), 27.03.12 USA (8673236), 18.03.14 Europe (2040921), 24.07.13</li> </ul>		<ul> <li>Non contaminating cor semi solid bio waste</li> </ul>	isposal of used containers ntainer for collecting liquid and pollected, by dissolving the Matrix,

#### Security : High Security Paper



A security paper having one or r inserted at precise locations on o using a polymeric article as a car feature(s)	or within the paper by	<ul> <li>Paper based Products:</li> <li>Bank Notes</li> <li>Passports</li> <li>Postage Stamps</li> <li>Certificates etc</li> </ul>	
	Patent Details	Application	
	Grant Details	Advantages	,
<ul> <li>Patent Granted in Russia (2409473), 20.01.11</li> <li>Patent being "Prosecuted to Gra India (312/MUM/05) Europe (EP1871952)</li> </ul>	nt" in	<ul> <li>High – Value Security Pack</li> <li>To maintain Secrecy of Image</li> </ul>	

## Security : Self Destructive Irreversible Security Packaging

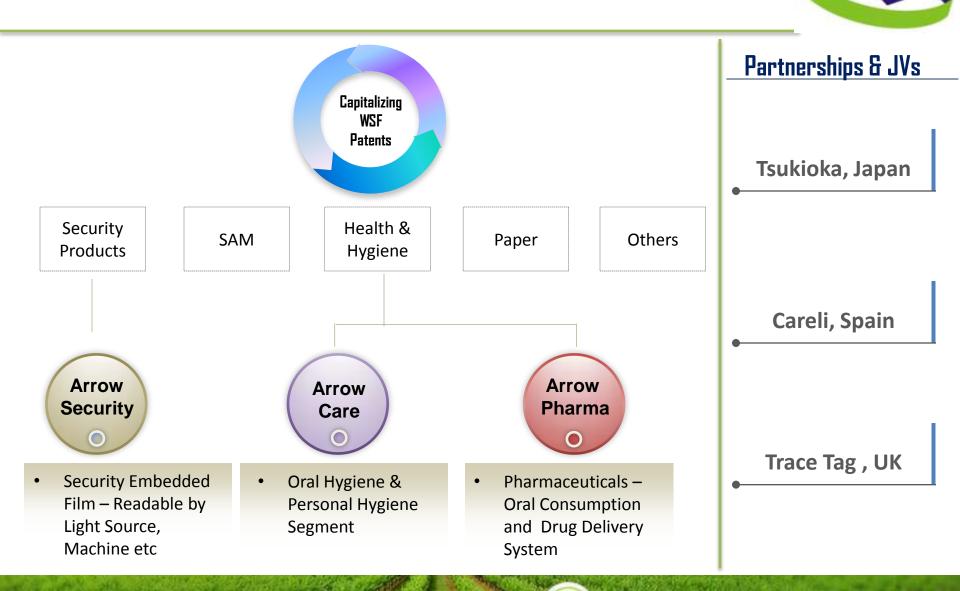


A self destructive irreversible sec soluble film and method for mar		<ul> <li>Chemical &amp; Agro Packaging</li> <li>Water soluble packaging film is embedded with various security elements, which will get destroyed irreversibly upon final usage as the whole package along with its contents will dissolve in water</li> </ul>
	Patent Details	Application
	Grant Details	Advantages
<ul> <li>Patent Granted in India (227842), 21.01.09 Eurasia (012856), 30.12.09 Europe (1868818), 05.05.10</li> <li>Patent being "Prosecuted to Gra USA (US20080190808)</li> </ul>	nt" in	Packaged Pesticides, Chemicals(to avoid counterfeiting), Packed FMCG goods with track and trace security system (to avoid grey marketing), Security Labels etc





#### End Products – Capitalizing WSF Patents



#### **Arrow Security**

- Granted Patent Rights across the world and part of its security Patent Portfolio
- Security films for manufacturing of high security paper such as banknote, passport and non-judicial stamp papers, or for brand protection applications
- These patents are managed by dedicated IP cell of Arrow Coated Products Ltd



 TTI and ACPL have decided to pursue their joint developments and to commercialize resulting applications to their mutual benefit in the field of security documents





#### Arrow Care

- **Meltz** It's a small breath strip which creates freshness, killing all the bad breath germs
- It dissolves instantly when placed on the tongue
- Approved from FSSAI and other licensing authorities in India
- **Carez** Small thin Soap Strips convenient to carry and use
- Economically priced, no wastage, and no residue left after wash
- Laboratory Tested Product
- Klenz Concentrated Capsule to refill a bottle for household cleaning
- Innovative product for specialised Glass cleaner, Antibacterial & Multipurpose Cleaner
- Time Saving, Cost Saving, Space Saving













## Arrow RX



# MMS<sup>™</sup> Films – NDDS

- Mouth Melting Strips (MMS) Thin Films loaded with Actives for Drug Delivery
- Taken Orally and melts instantaneously in the mouth when placed on or under the tongue
- The active substance enters the bloodstream directly via the oral mucosa without having to pass through the gastrointestinal tract

#### Novel Drug Delivery Device -NDDD

- DDD contains Actives embedded within and/or coated upon Water Soluble or Water Dispersible Polymers
- The active ingredients are released at a precise – controlled rate from a readily soluble polymer into an aqueous environment through one or more perforated bio-digestible films, post which DDD dissolves overtime and is bio absorbed over time

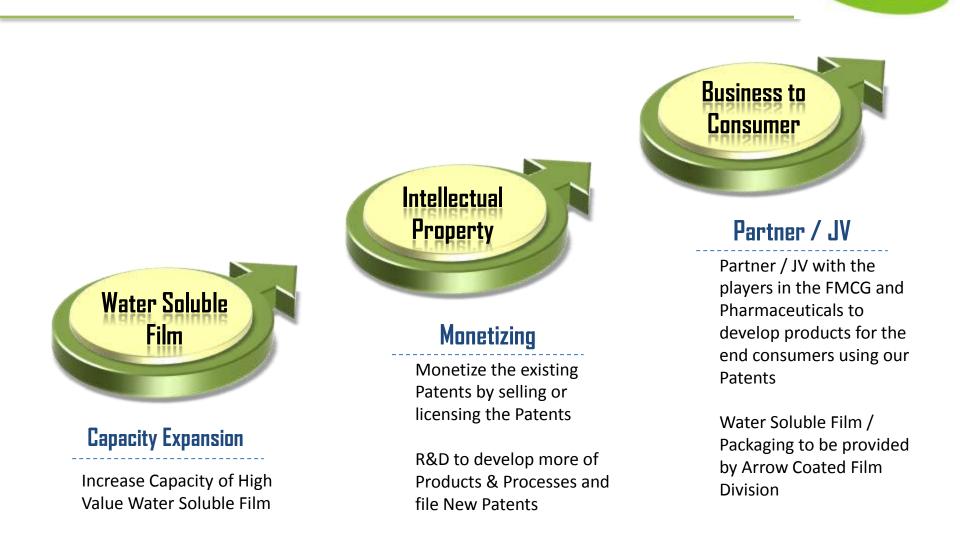
#### RX Matrix

- Novel system of collecting and storing blood samples, urine samples, serum samples or any other type of samples extracted from living species to avoid cross infection or spillage of the samples
- It eliminates the problem of disposal of used containers
- Non contaminating container for collecting liquid and semi solid bio waste





#### **Future Outlook**



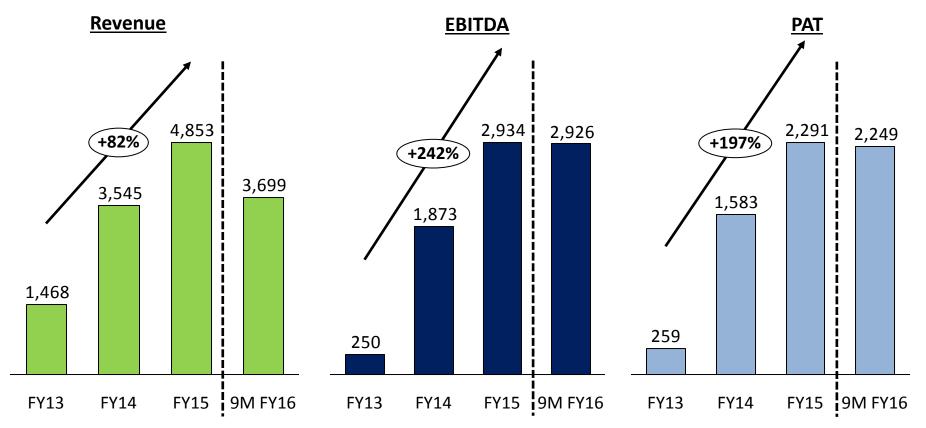




## **Financial Highlights - Consolidated**





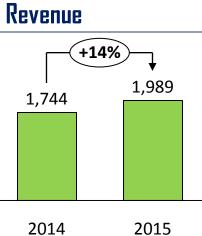


FY2015 : Dividend @ 25% on Equity share of Rs. 10/- each

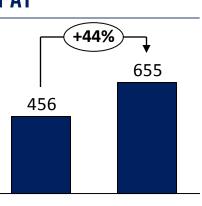
#### Standalone Profit & Loss Statement



Rs . Lakhs	FY15	FY14
Revenue	1988.8	1744.1
Raw Material	501.1	373.5
Employee Cost	218.9	98.9
Other Expenses	358.7	769.9
EBIDTA	910.2	501.8
EBIDTA Margin %	45.76%	28.77%
Other Income	116.7	151.5
Depreciation	84.3	36.4
EBIT	942.6	616.9
Interest	0.0	0.0
Profit before Exceptional item & Tax	942.6	616.9
Exceptional Items	2.8	0.9
PBT	939.7	616.0
Тах	284.7	159.9
PAT %	655.0	456.1
PAT Margin	32.94%	26.15%







**Eco Friendly Solutions** 

2015

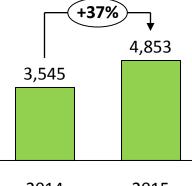
2014

#### **Consolidated Profit & Loss Statement**



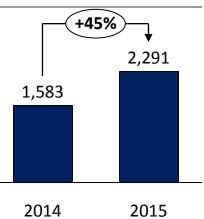
Rs. Lakhs	FY15	FY14
Net Sales	4853.17	3545.4
Raw Material	501.5	372.4
Employee Cost	218.9	98.9
Other Expenses	1199.1	1201.4
EBIDTA	2933.6	1872.7
Margin %	60.4%	52.8%
Other Income	116.9	124.7
Depreciation	95.5	36.7
EBIT	2955.1	1960.8
Margin %	60.9%	55.3%
Interest	0.0	0.0
Profit Before Exceptional item & tax	2955.1	1960.8
Exceptional Exp	-2.8	-0.9
PBT	2952.2	1959.9
Тах	661.3	376.8
РАТ	2290.9	1583.1
PAT Margin %	47.2%	44.7%











#### Standalone Balance Sheet



Rs. Lakhs	Sep-15	Mar-15	Rs. Lakhs	Sep-15	Mar-1
Shareholder's Fund	2,650.0	2,198.8	Non-current Assets	2,687.3	2,566.
Share Capital	1,174.0	1,174.0	Fixed Assets	504.9	545.8
Reserves & Surplus	1,476.0	1,024.8	Tangible assets	431.3	468.4
Non Current Liabilities	49.1	51.3	Intangible assets	73.7	77.4
Long-term borrowings	0.0	0.0	Intangible assets under development	109.1	110.7
Deferred tax liabilities (Net)	26.2	30.4	Non-current investments	1,584.5	1,544.
Other Long term liabilities	17.6	15.2	Long-term loans and advances	477.4	352.8
Long-term provisions	5.3	5.8	Other non-current assets	11.4	12.2
			Current assets	1,135.4	538.3
Current Liabilities	1,123.6	854.6	Inventories	100.8	70.2
Short-term borrowings	0.0	0.0	Trade receivables	160.5	49.9
Trade payables	261.4	166.3	Cash and cash equivalents	430.3	236.6
Other current liabilities	17.5	41.9	Short-term loans and advances	441.3	179.9
Short-term provisions	844.7	646.4	Other current assets	2.5	1.6
TOTAL	3,822.7	3,104.8	TOTAL	3,822.7	3,104.

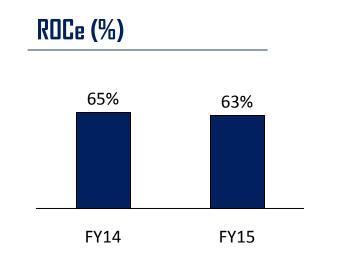
#### **Consolidated Balance Sheet**



FY15	FY14	Rs. Lakhs
1174.0	1174.0	Net Block
3489.4	1808.4	Non Current Investment
4663.4	2982.4	Long Term Loans & Adva
58.66	0.6	
5.1	14.5	Other Non Current Asse
30.4	12.4	Total non Current Asset
21.0	26.2	Inventories
56.4	53.1	Sundry Debtors
148.9	417.8	Cash and Bank
41.9	58.2	Other Current Assets
0.0	3.5	
1038.7	589.3	Short Term Loans and A
1229.5	1068.8	Total Current Assets
6008.0	4105.0	Total Assets
	1174.0 3489.4 4663.4 <b>58.66</b> 5.1 30.4 21.0 <b>56.4</b> 148.9 41.9 0.0 1038.7 <b>1229.5</b>	1174.0       1174.0         3489.4       1808.4         4663.4       2982.4         58.66       0.6         51       14.5         30.4       12.4         21.0       26.2         56.4       53.1         148.9       417.8         41.9       58.2         0.0       3.5         1038.7       589.3         1068.8       1068.8

Rs. Lakhs	FY15	FY14
Net Block	1196.1	906.0
Non Current Investments	1484.9	682.8
Long Term Loans & Advances	352.9	294.1
Other Non Current Assets	12.7	14.7
Total non Current Assets	3046.6	1897.6
Inventories	76.3	318.6
Sundry Debtors	49.9	44.1
Cash and Bank	2635.3	1520.5
Other Current Assets	1.7	1.0
Short Term Loans and Advances	198.2	323.2
Total Current Assets	2961.4	2207.4
Total Assets	6008.0	4105.0

## Ratio Analysis

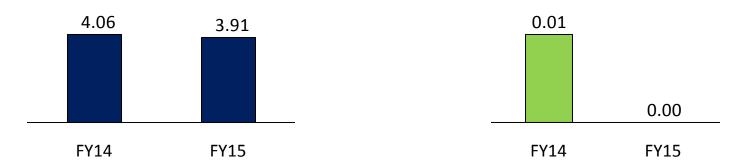


Fixed Asset T/D (x)





#### Total Debt/Equity (x)







#### For further information, please contact

**Company**:

**Investor Relations Advisors :** 

Arrow Coated Products Ltd CIN: L21010MH1992PLC069281 Ms. Poonam Bansal poonam@arrowcoated.com

www.arrowcoated.com

Strategic Growth Advisors Pvt. Ltd. CIN: U74140MH2010PTC204285 Ms. Neha Shroff / Ms. Ruchi Rudra <u>sneha@sgapl.net</u> / <u>rruchi@sgapl.net</u>

www.sgapl.net