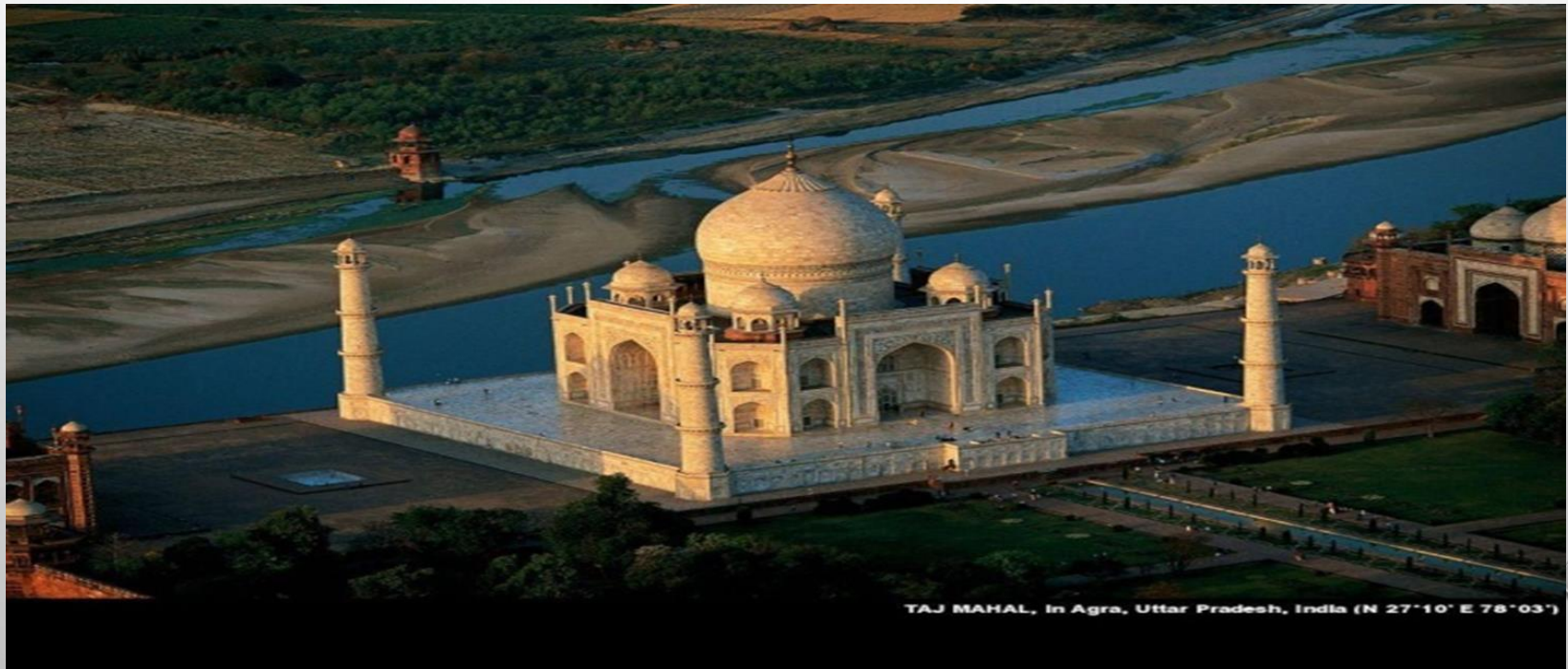


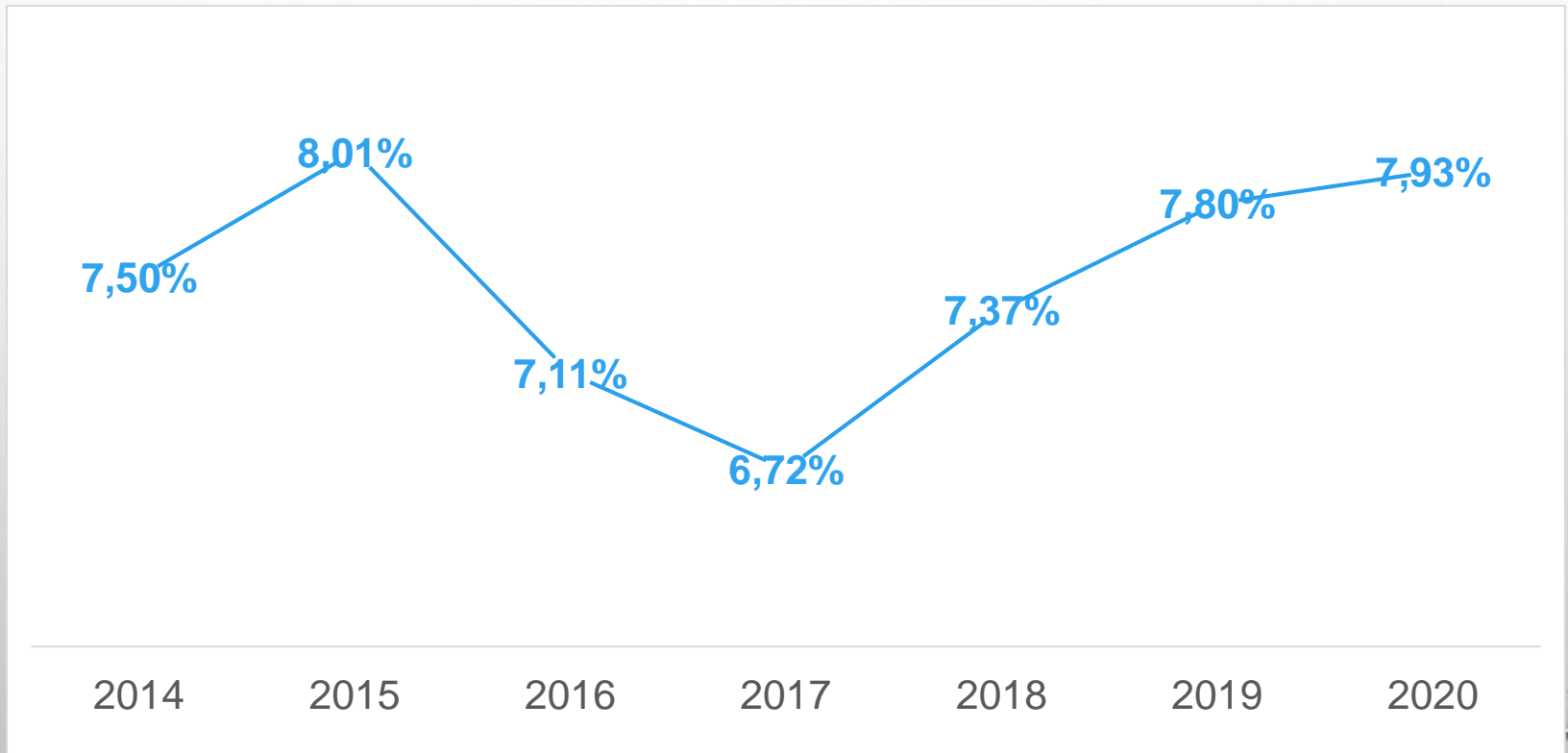


ESF MEETING WIRE 2018 DUSSELDORF



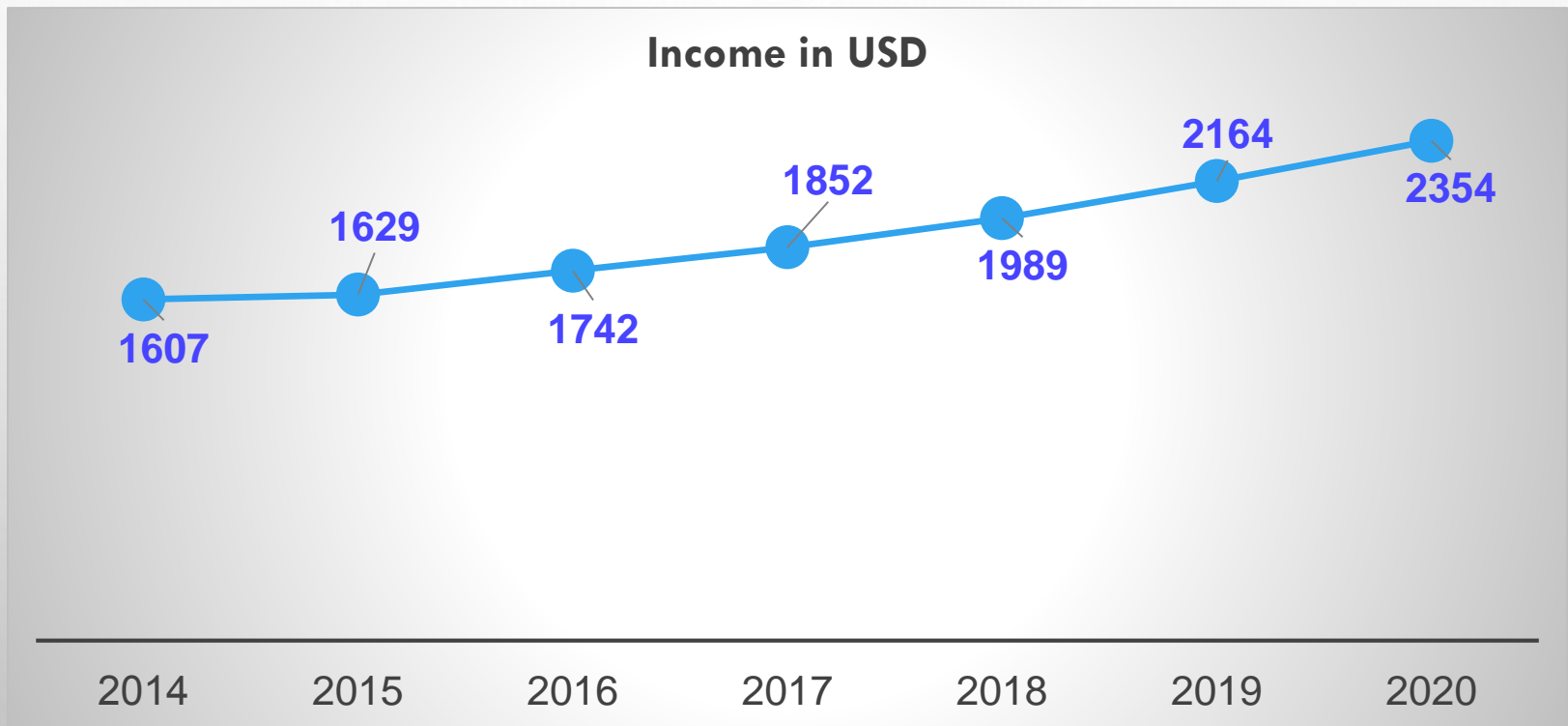


INDIA – GDP GROWTH FORECAST





INDIA GDP PER CAPITA INCOME





INDIAN AUTOMOTIVE PERFORMANCE

Year	Pass Cars	CV	3W	2W-S	2W-MC	Total 2W	Total
2014-15	3.22	0.69	0.81	4.74	15.01	19.75	24.47
2015-16	3.46	0.79	0.90	5.27	13.22	18.49	23.64
2016-17	3.79	0.81	0.78	5.92	14.00	19.92	25.30
2017-18	3.95	0.83	0.97	7.04	15.85	22.90	28.64
% Growth Over FY1617	4%	2%	25%	19%	13%	15%	13%

In Mill



EVOLUTION IN THE AUTOMOTIVE SEGMENT

	USA	JAPAN	GERMANY	CHINA	INDIA	BRAZIL	RUSSIA	SOUTH AFRICA	SOUTH KOREA
PASSENGER VEHICLE OWNERSHIP/'000	795	591	572	154	20	249	293	165	459
ROAD NETWORK('000KMS)	6722	1215	644	4696	5472	1752	1396	947	106

EVOLUTION ON THE SPRING MARKET



SITUATION AND TRENDS FOR SPRING MATERIAL SUPPLY



MONTH	ALLOY STEEL (\$USD/MT)	HIGH CARBON STEEL(\$USD/MT)
April 2017	1070	850
October 2017	1138	870
April 2018	1220	1090
% Increase	14%	28%

Due to increased global demand , Supply is an issue for High Carbon Steel in Indian Market

GENERAL ECONOMY/ BUSINESS ENVIRONMENT YR2018



FACTORS	2017	2018	IMPACT
GDP	6.72%	7.37%	↑
INTERESTS RATE	6.0%	5.75%	↓
INFLATION (CPI AVERAGE)	3.8%	4.9%	↑
PER CAPITA INCOME	USD 1,852	USD 1,989	↑
FUEL PRICE- PETROL	Rs.68/Ltr	Rs.71-74/Ltr	↑
FUEL PRICE- DIESEL	Rs.57/Ltr	Rs.59-62/Ltr	↑
CURRENCY(Rs./US\$)	66.0	65.0	↓



SPRING MANUFACTURING

- **LEVEL OF OCCUPATION:**
- RELATIVELY SMALLER POPULATION IS EMPLOYED BY SPRING INDUSTRY.

- **WAGE EVOLUTION:**
- GROWING MIN IN LINE WITH INFLATIONARY TREND AND DUE TO SHORTAGE OF SKILLED MANPOWER , IT IS EXCEEDING 10% ON REVENUE



THANK YOU