



Jio LIFE IS BEAUTIFUL

Polyester Industry – *Weathering the Storm*

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Hybrid **ITMF** Annual Conference **2020**
October 20–22, co-hosted by KOFOTI



This presentation contains forward-looking statements which may be identified by their use of words like "plans," "expects," "will," "anticipates," "believes," "intends," "projects," "estimates" or other words of similar meaning. All statements that address expectations or projections about the future, including, but not limited to, statements about the strategy for growth, product development, market position, expenditures, and financial results, are forward-looking statements.

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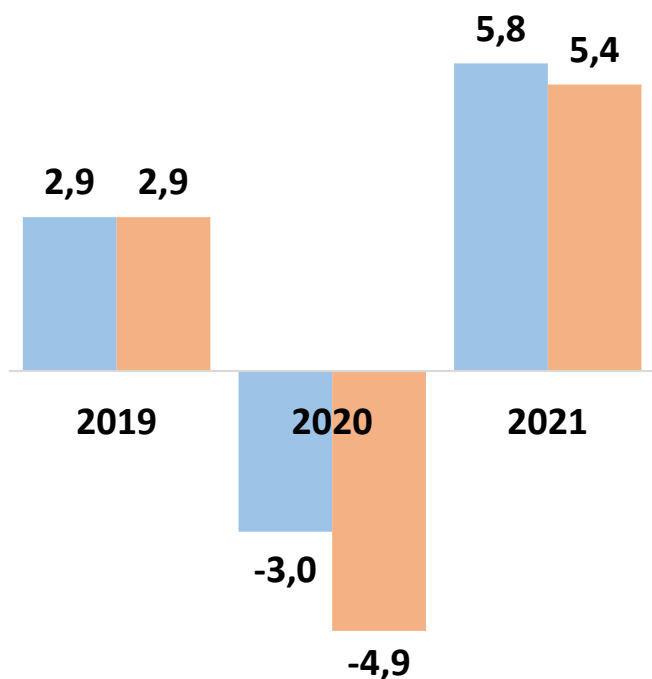


- ✓ **Global growth & revival**
- ✓ **Impact on polyester industry**
- ✓ **Emerging consumer & manufacturer trends**
- ✓ **India, a reliable global partner**
- ✓ **Summary**

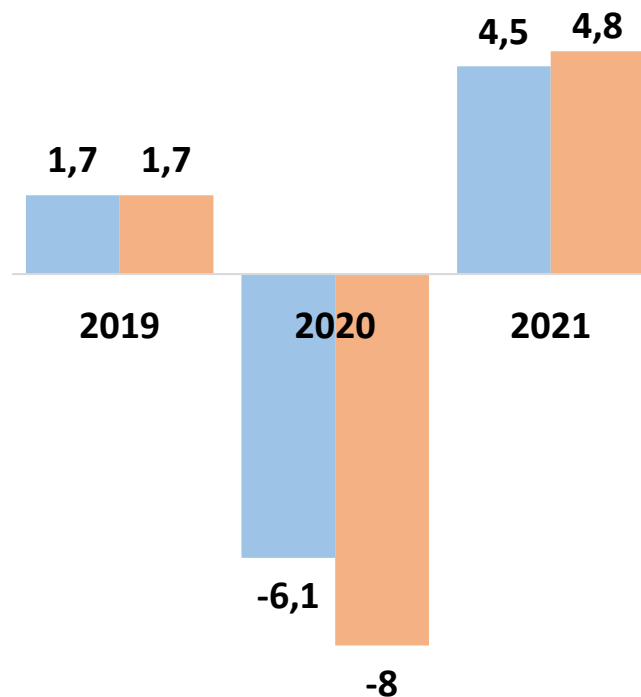
Growth rate of GDP

Apr Estimate Jun Estimate

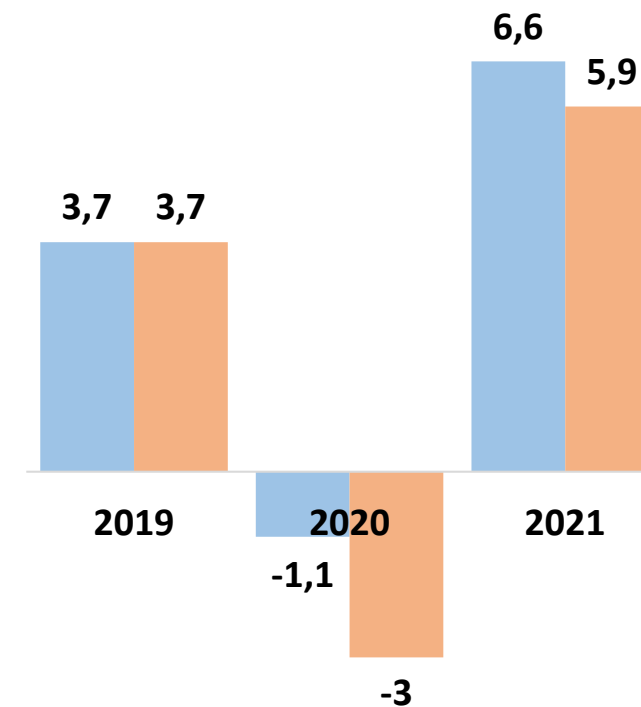
Global Economy



Advanced Economy



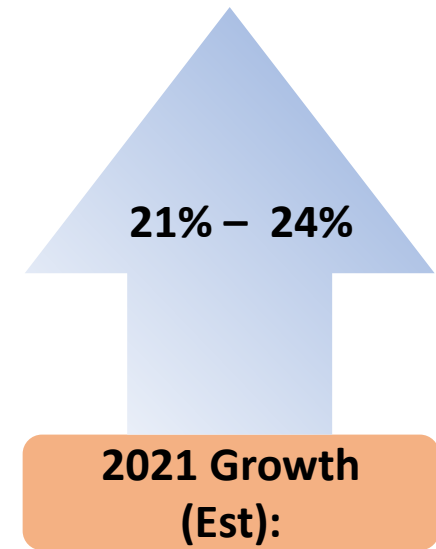
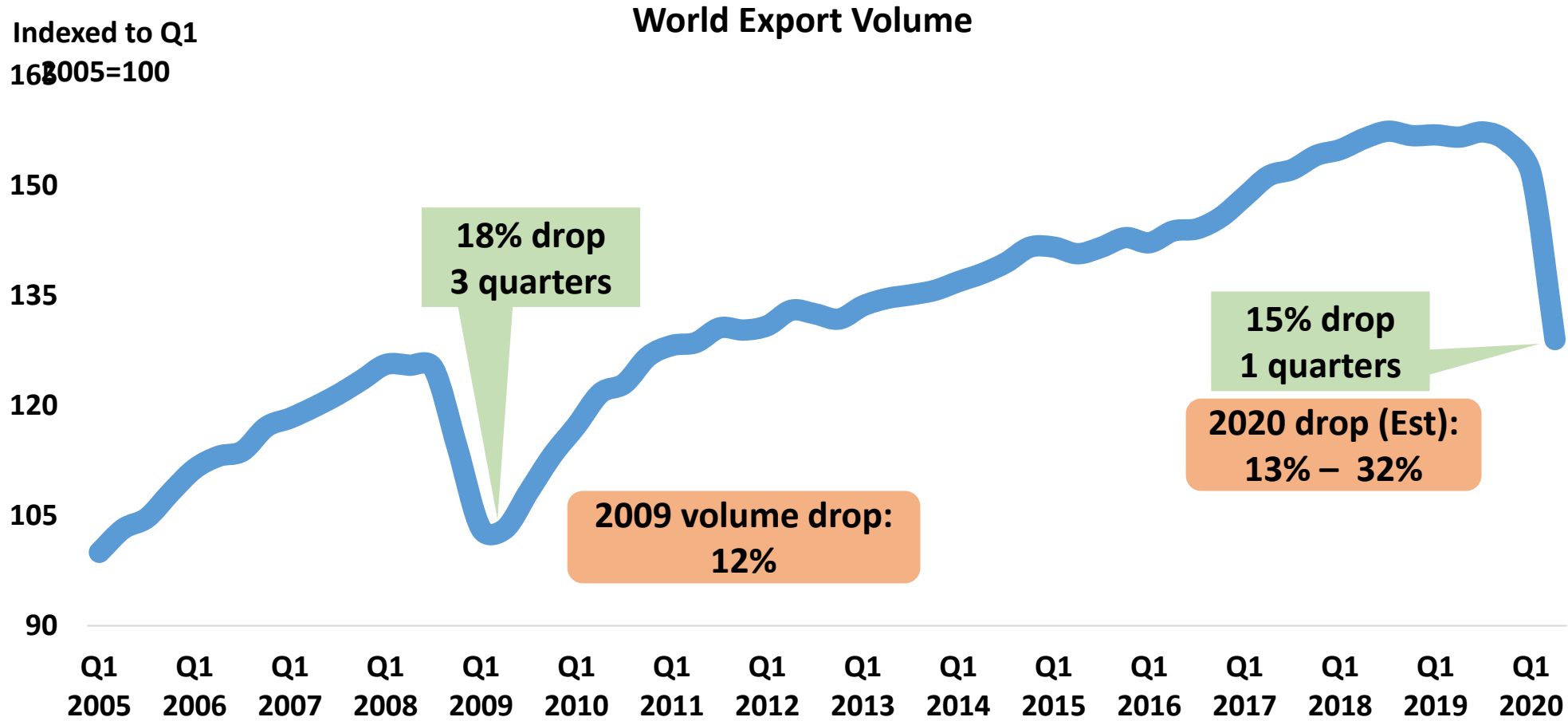
Emerging Market and Developing Economy



Source: IMF

2021 revival, strongest growth in a decade. Emerging and developing markets to lead

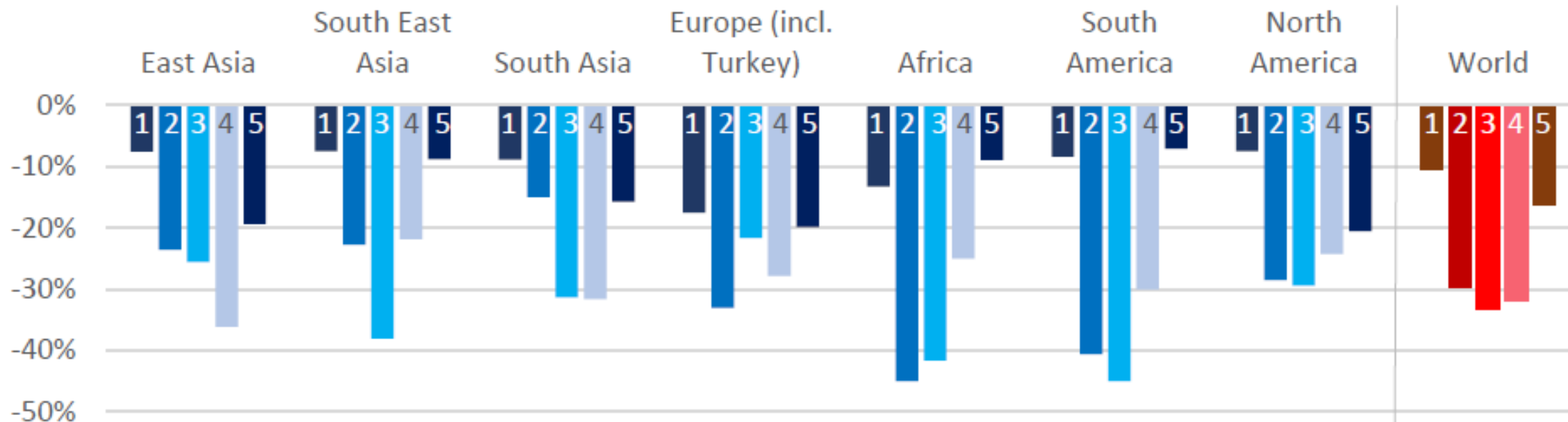
Slow down in world trade steeper than 2009



Source: WTO

Growth expected back by 3rd quarter in 2021

Turnover 2020 impacted by the Corona-pandemic per region (versus 2019)



1 - March 13-25, 2020

2 - March 28 - April 6, 2020

3 - April 16 - 28, 2020

4 - May 20-June 8, 2020

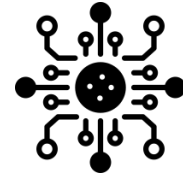
5 - September 5-25, 2020

Source: ITMF

Optimism of lesser impact than estimated earlier, pre-crisis levels expected by Q2-Q3 '21



E Commerce → Fewer visits to physical stores, Generating customer satisfaction online



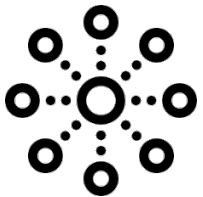
Digitalisation → Better transparency. Process control and improvement. Order to shipment cycles



Health & Well being → Self care becomes primary concern



Relationships → Trust and brand loyalty, supplier relationships



Supplier base → Diversification to support unforeseen disruptions



Socio-environmental impacts → Sustainable processes and products



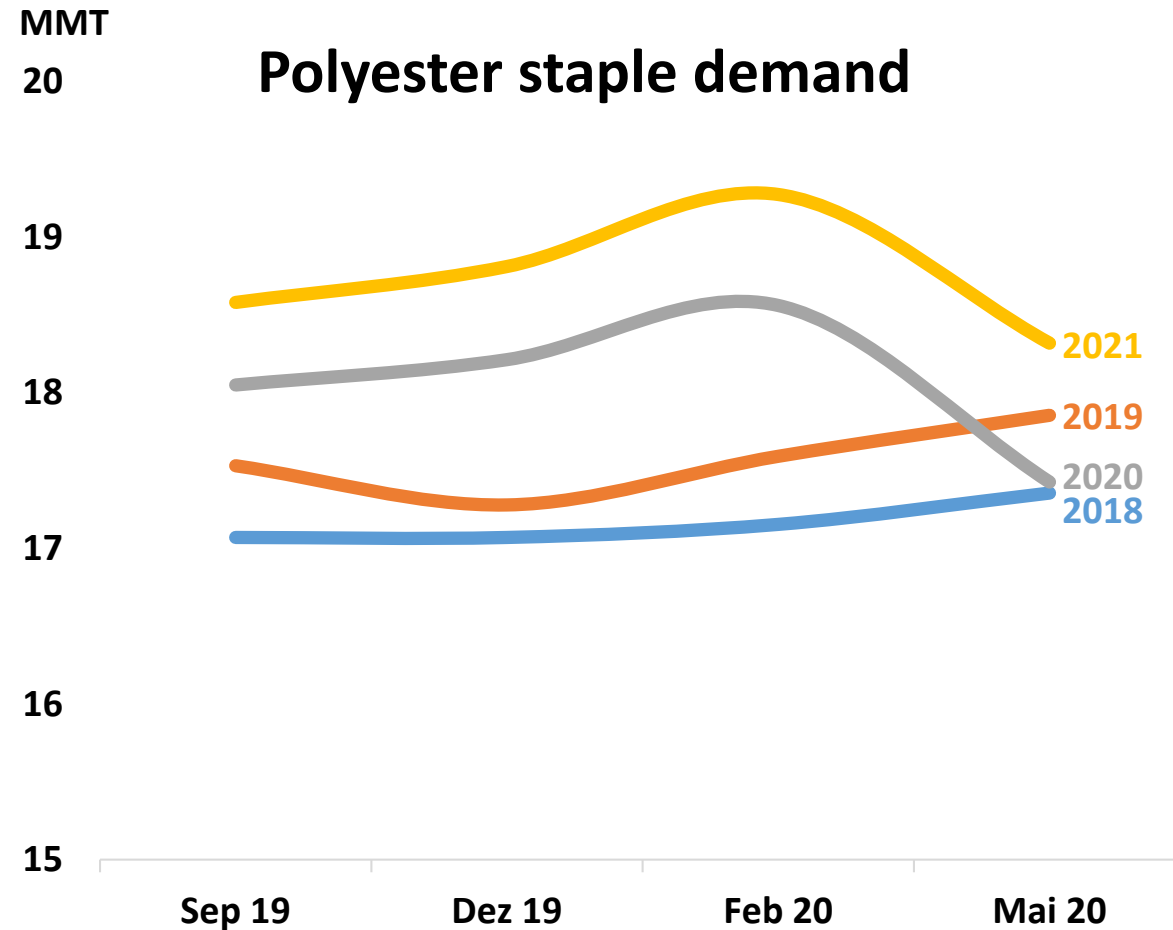
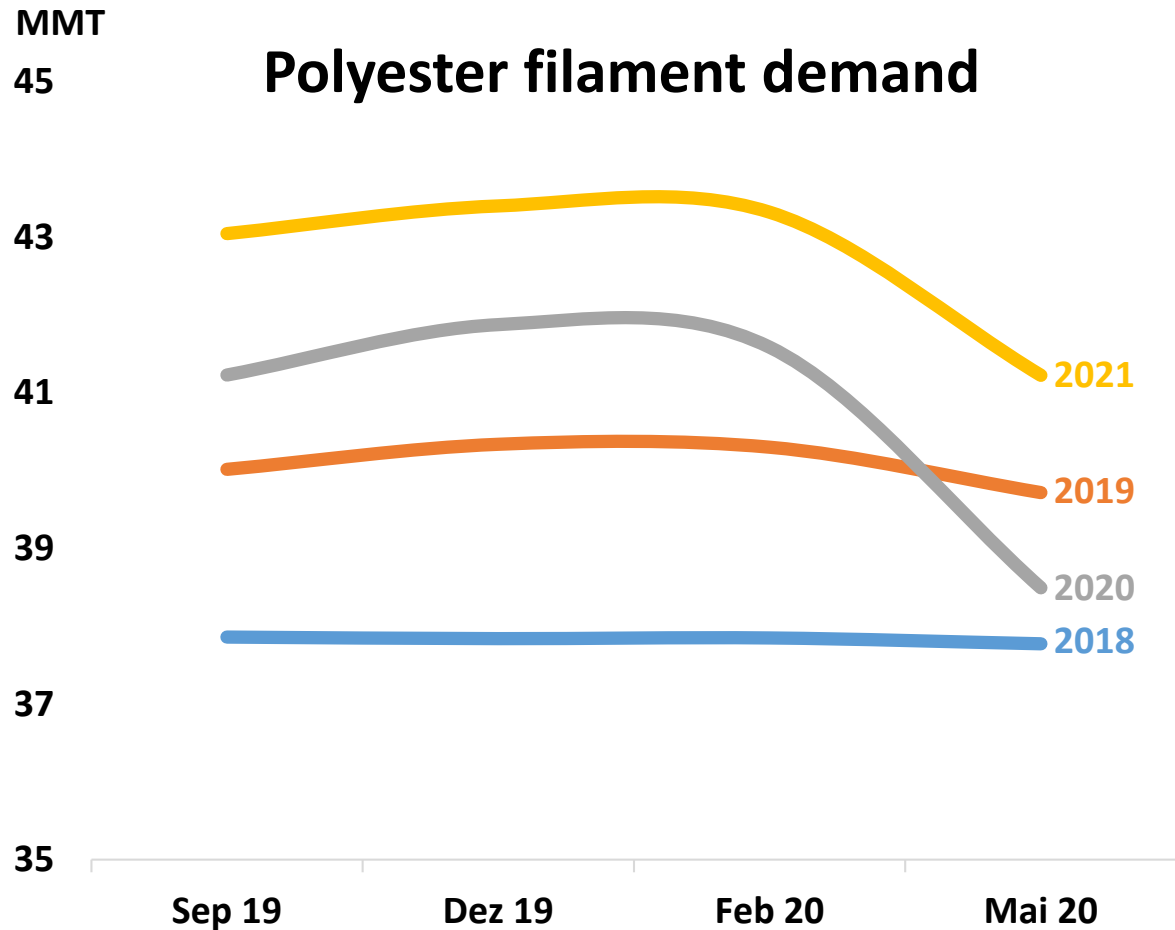
Labour welfare → Employees are critical for operations of plants and factories



Steer innovation → Support/partner research for better energy/resource saving process/products

Reinforcing ideologies for sustenance in the long run

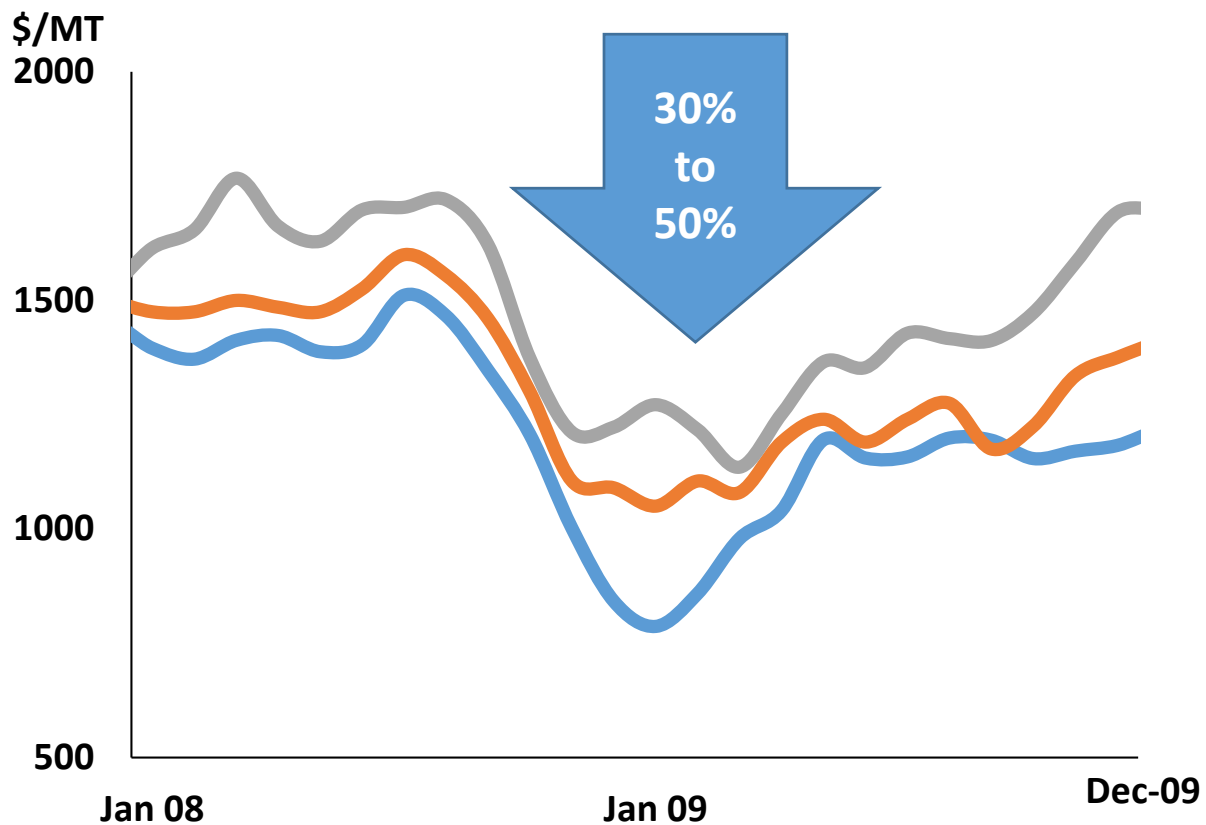
Polyester demand retreating back to 2018 levels



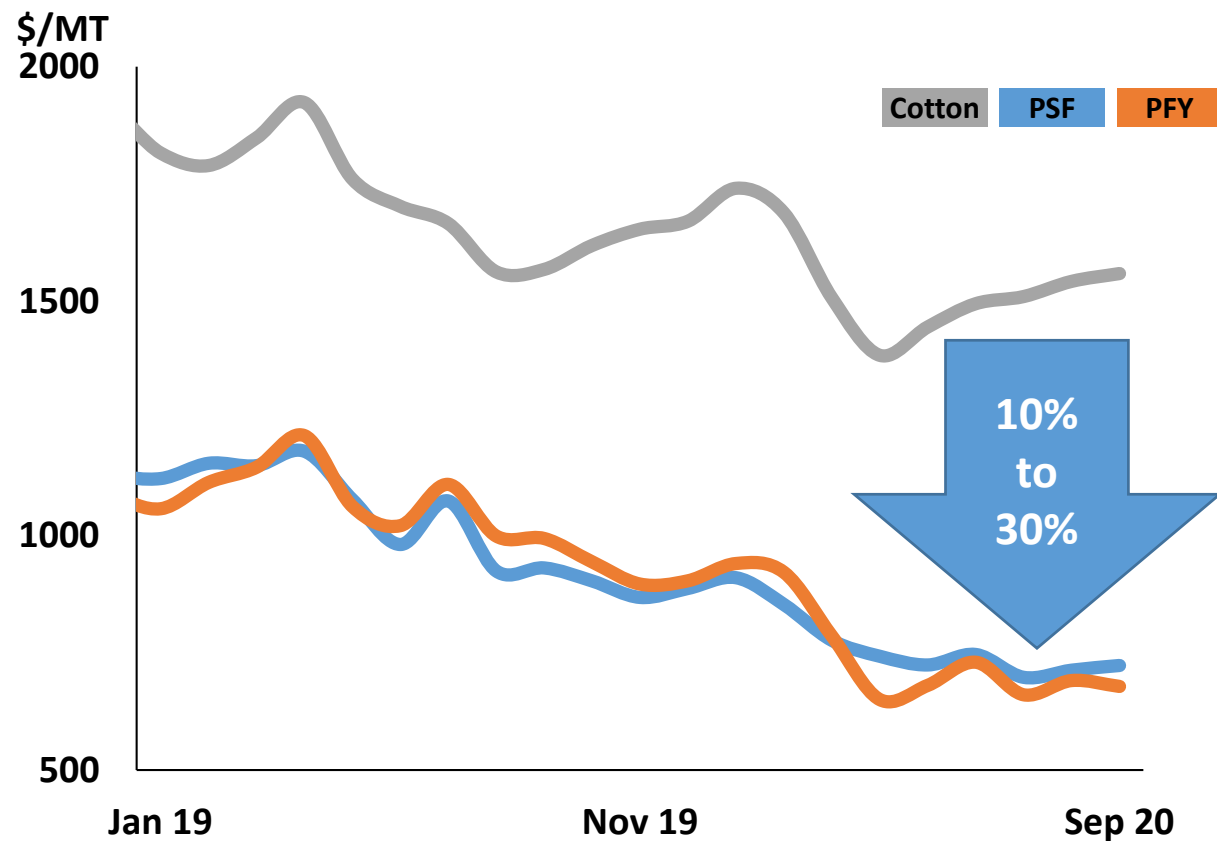
Source: Wood Mackenzie

2021 revival to be between 5-7%, still lower than pre-crisis estimates

Financial Crisis



COVID-19 Pandemic



Prolonged and slower drop amidst production cuts globally

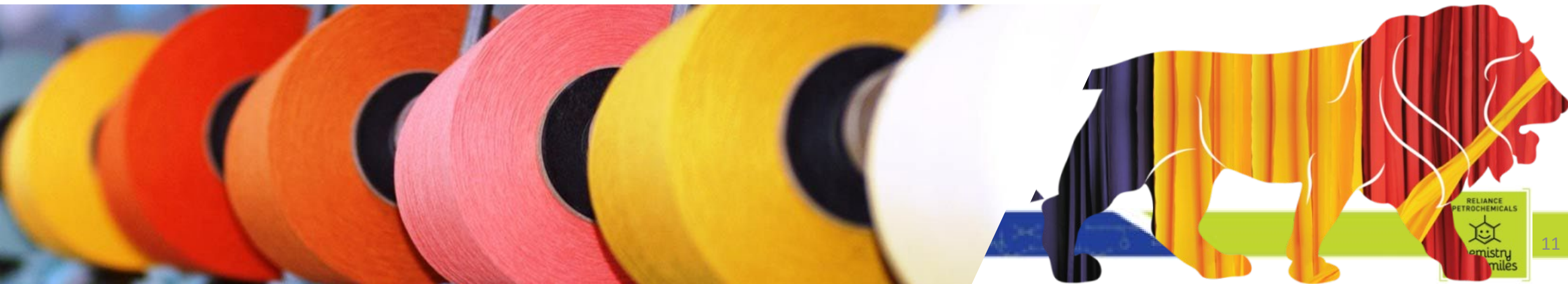
KT



Growing popularity, awareness, acceptability promoting recycled fibres



India: A reliable global partner





Research Centres facilitating new product development



Investment support for domestic and international investors



Technology upgradation for modernization of units



Training and skill development for better employability



Policy amendments for usage and capital outlay



Country	Textile Exports (Bn)	Polyester Chain Integration (Capacity)				Polyester Demand
		PX	PTA	MEG	Polyester	
China	305.7	24.2	56.9	15.0	53.1	38.3
Vietnam	39.3	0.7	X	X	1.3	1.2
India	38.0	5.9	6.4	2.3	8.1	4.7
Bangladesh	34.5	X	X	X	0.3	0.4
USA	28.4	3.4	3.1	4.1	2.2	2.0
Pakistan	14.1	X	0.6	X	0.9	0.9
Indonesia	13.6	0.3	1.8	0.2	1.7	1.4

- Major textile exporters in Asia do not have MMF integration
- India has a surplus polyester capacity, which can meet future demand

India has unique advantage of presence in entire in MMF value chain

90% PET BOTTLES PRODUCED IN INDIA ARE RECYCLED.



100 crore+ garments & home textiles in India are made from recycled PET bottles



Over 70 lakh people are economically associated with Indian PET industry directly or indirectly, supporting circular economy



PET is safe. PET contains NO BPA, phthalates or heavy metals. It has NO endocrine disruptors and is non-carcinogenic. (Report from CTRI - A CSIR Institute)

PET IS ECO-FRIENDLY WITH LOW GLOBAL WARMING POTENTIAL (GWP)



PET is lightweight. Reduces emissions, saves fuel.



Low Carbon footprint vis-à-vis alternatives. Greener & eco-friendly.



Uses less water in production and through the value chain. Preserves scarce natural resource.



Costs 50% less vis-à-vis alternatives.



India has one of the highest PET recycling rates globally (Source: The national representation of the map of India does not purport to be the political map of India)



PET IS A WONDER MATERIAL. IT IS SAFE, ENVIRONMENTALLY FRIENDLY AND THE MOST WIDELY RECYCLED PACKAGING PRODUCT IN INDIA.



PACE is committed to recycling. www.paceindia.org.in | info@paceindia.org.in

21,430,000,000

21 BILLION+ BOTTLES OF PET ARE RECYCLED EVERY YEAR

PET bottles produced in India are recycled into value-added products like apparel, home fashion products and technical textiles used in automotive, thermal insulations and acoustic applications. It is proof that PET is the most recycled product and good for the environment.

- Close to 500,000 tonnes of PET are recycled every year
- The collection rate of PET bottles for recycling in India is double that of the world average
- PET recycling industries provide a living to more than 1.6 million people directly and 10 million people indirectly
- The Indian recycling industry has been growing at the rate of 25% for the past 4 years to meet the growing demand of PET recycled products



1,000,000,000

1 BILLION T-SHIRTS. YOU ARE RIGHT... FROM RECYCLED PET BOTTLES

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Application Themes

Consumer Needs

R|Elan™ Technologies



Sustainability



Comfort



Protection



Aesthetics



Green Gold

Kooltex

DuraFit

FeelFresh

Air Therm

Fire Safe

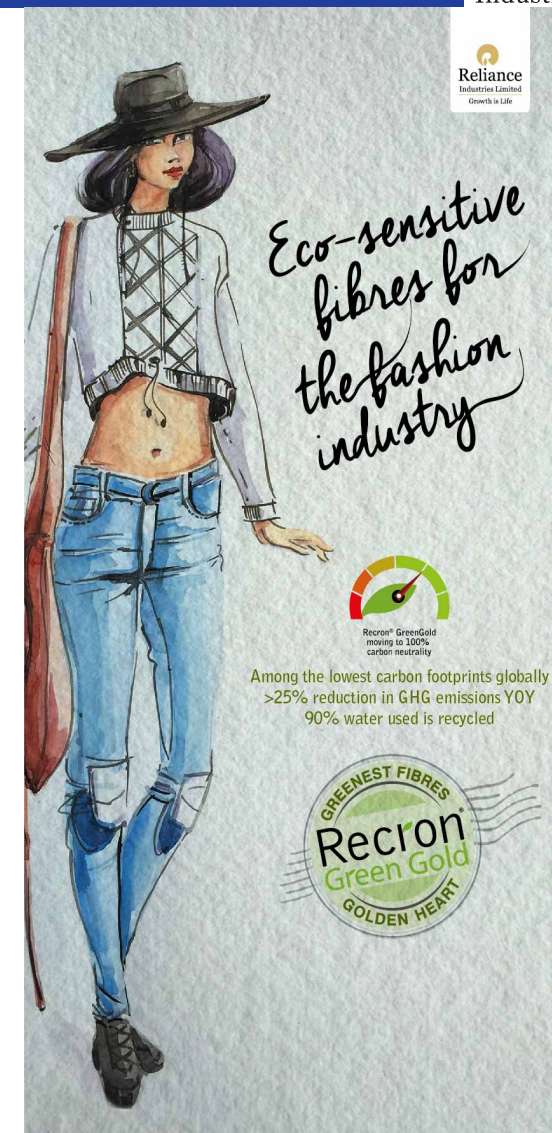
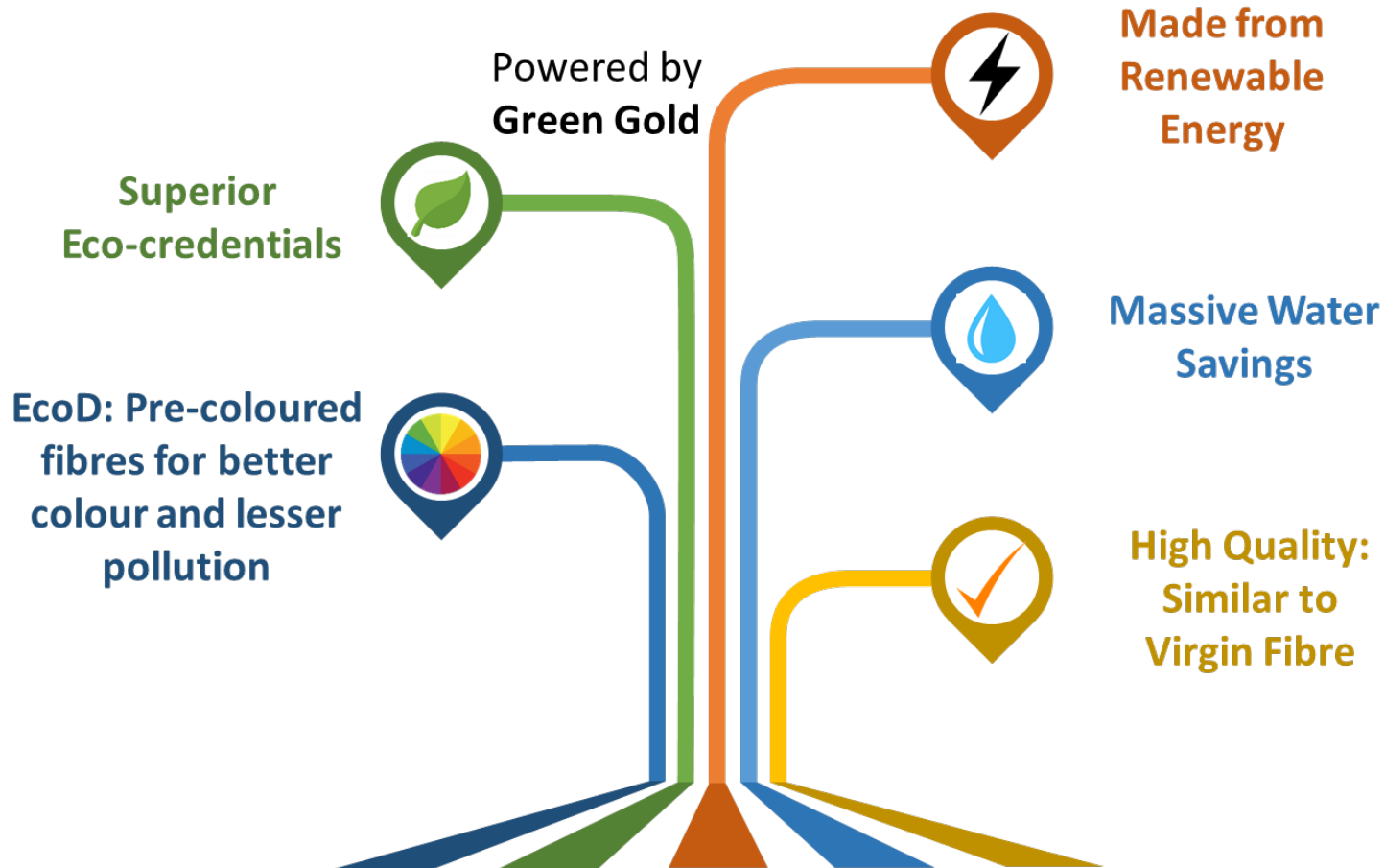
Super Feel

Free Flow

Super Black

Reliance contribution: Green Gold (Eco-sensitive fashion)

One of the greenest fibres in the world; with high quality fibres and one of the lowest carbon footprints



Conclusion

- ✓ **Global economic and trade impact most severe in recent times, revival expected in 2021**
- ✓ **Process improvements, sustainability, innovation and trust building are key to survival during tough times**
- ✓ **Polyester demand has been impacted but capacity plans continue, signaling producer confidence of demand revival**
- ✓ **Rising share of recycling base in the polyester manufacturing**
- ✓ **India is well positioned to be the global supplier. Govt policies and support to aid textile industry growth**
- ✓ **Reliance catering to global partners through varied sustainable products**